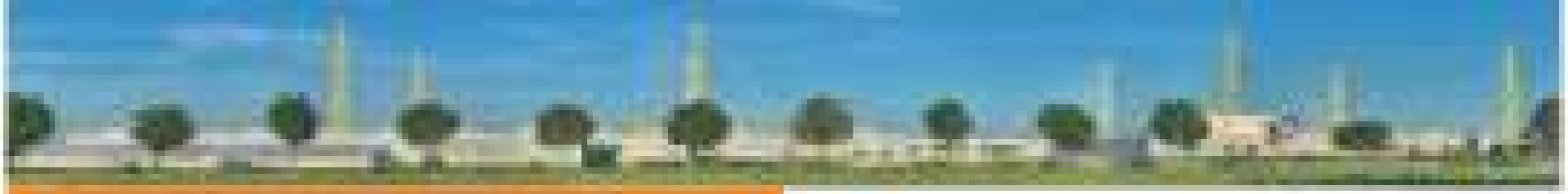

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B-CHAIN

Outsourcing: strategy, mission, energy.
For very industry.

24h/90.000

DIN EN ISO 9001:2008

ISO/TS 16949:2009

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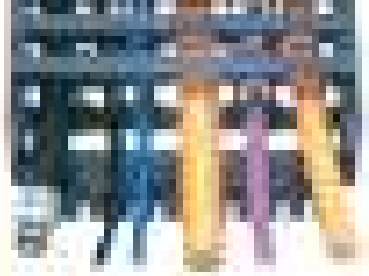
Łóżko® reaktychapel® – ready made in-charge®-sterna®



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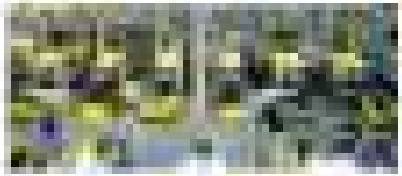
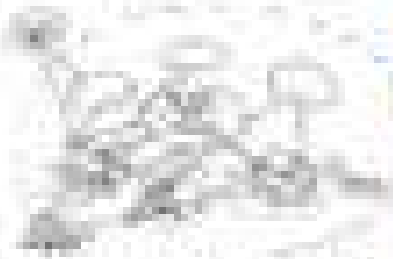
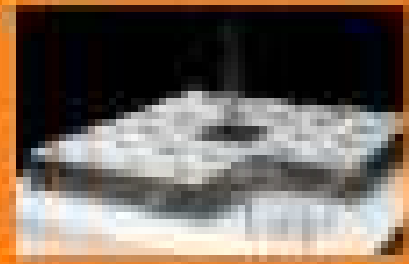
Quick and reliable igus® delivery service.

The legal story since 1984 until today

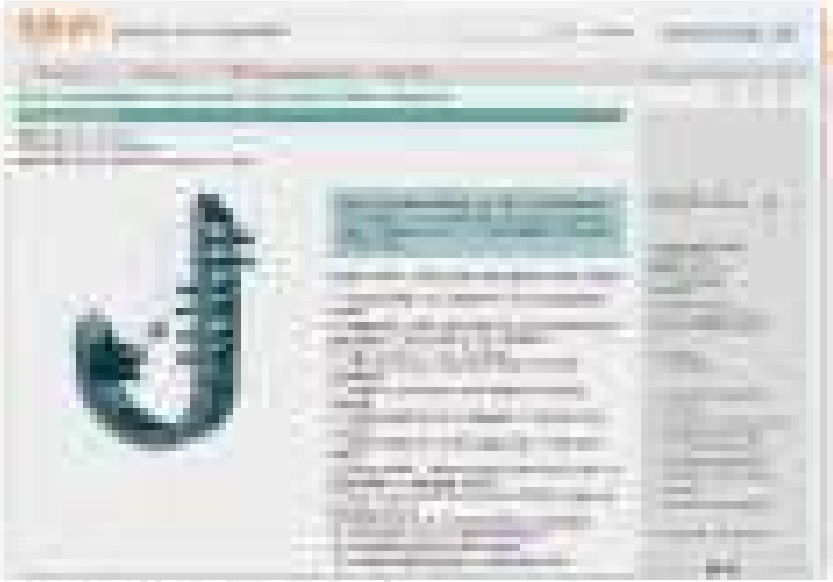


The flexible qua*-factory





QuickLink - igus® e-chains® on the internet



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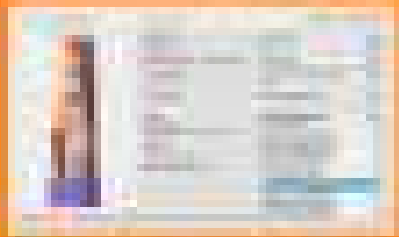
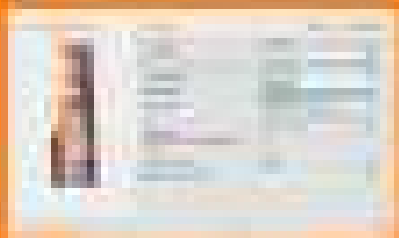
Quickly and easily find the matching energy supply system

igus® online – The desired cable within 3 minutes using the chainflex® custom cable configurator





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for interior equipment

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The 3D-CAD system is:
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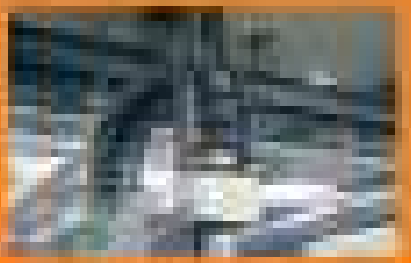
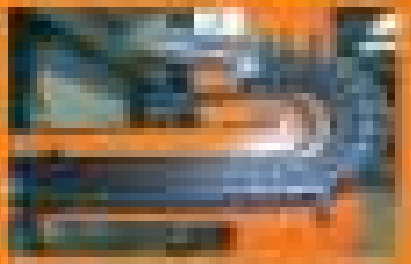
igus® applications:

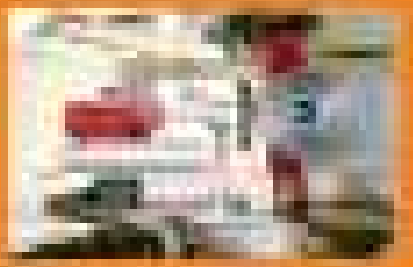
Many example applications with igus® e-chainsystems® from next page

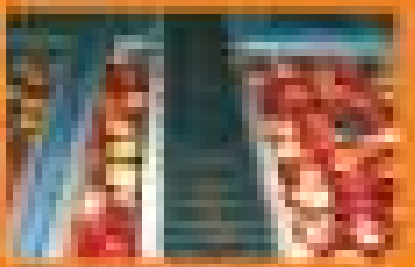
Practical examples: installation methods



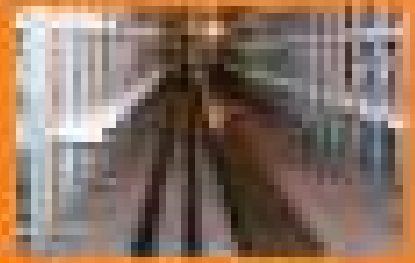


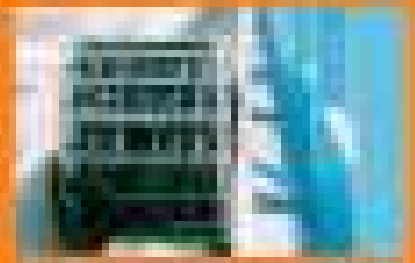
Practical examples
Installation methods



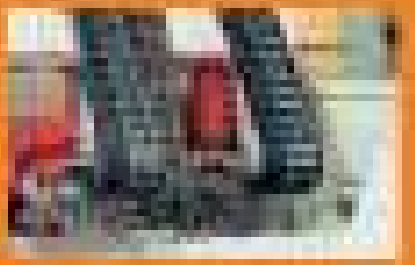


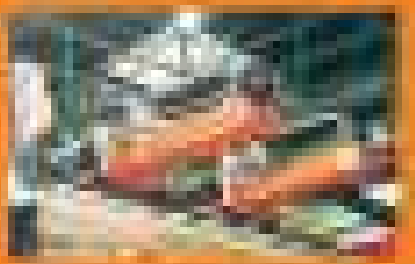
Applications long strokes



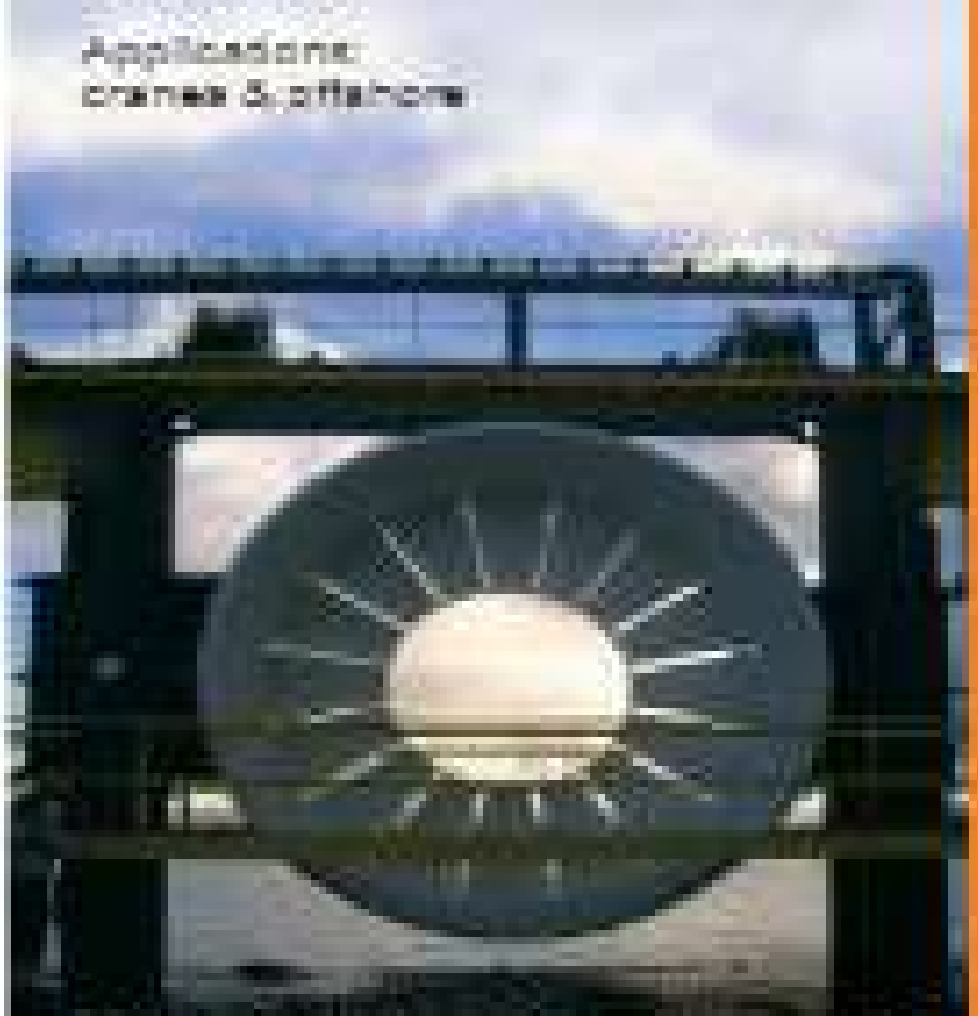


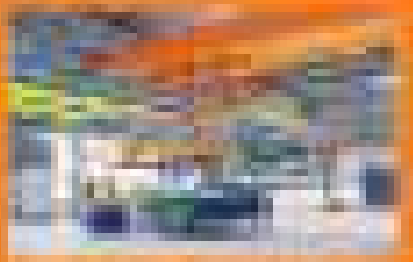
Applications: machine tools

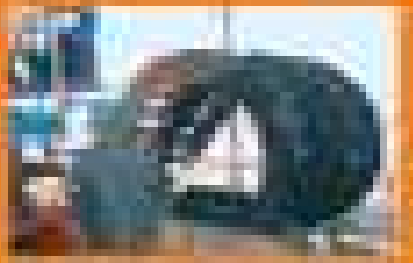




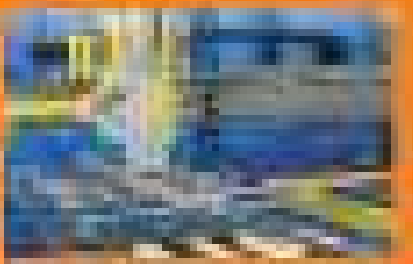
Applications: cranes & offshore



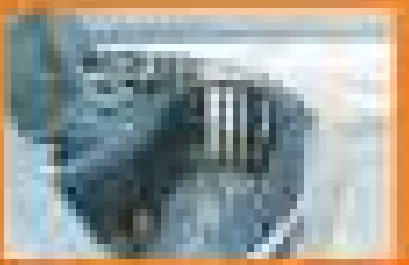


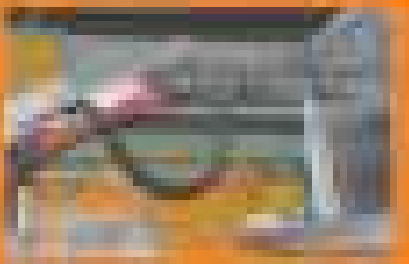


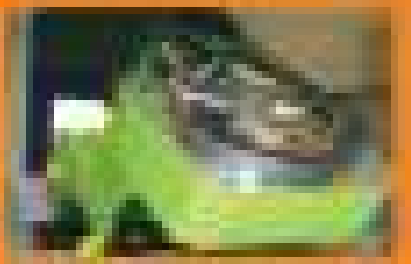
Applications: high speed & smooth running



Applications: circular & 3D-movements





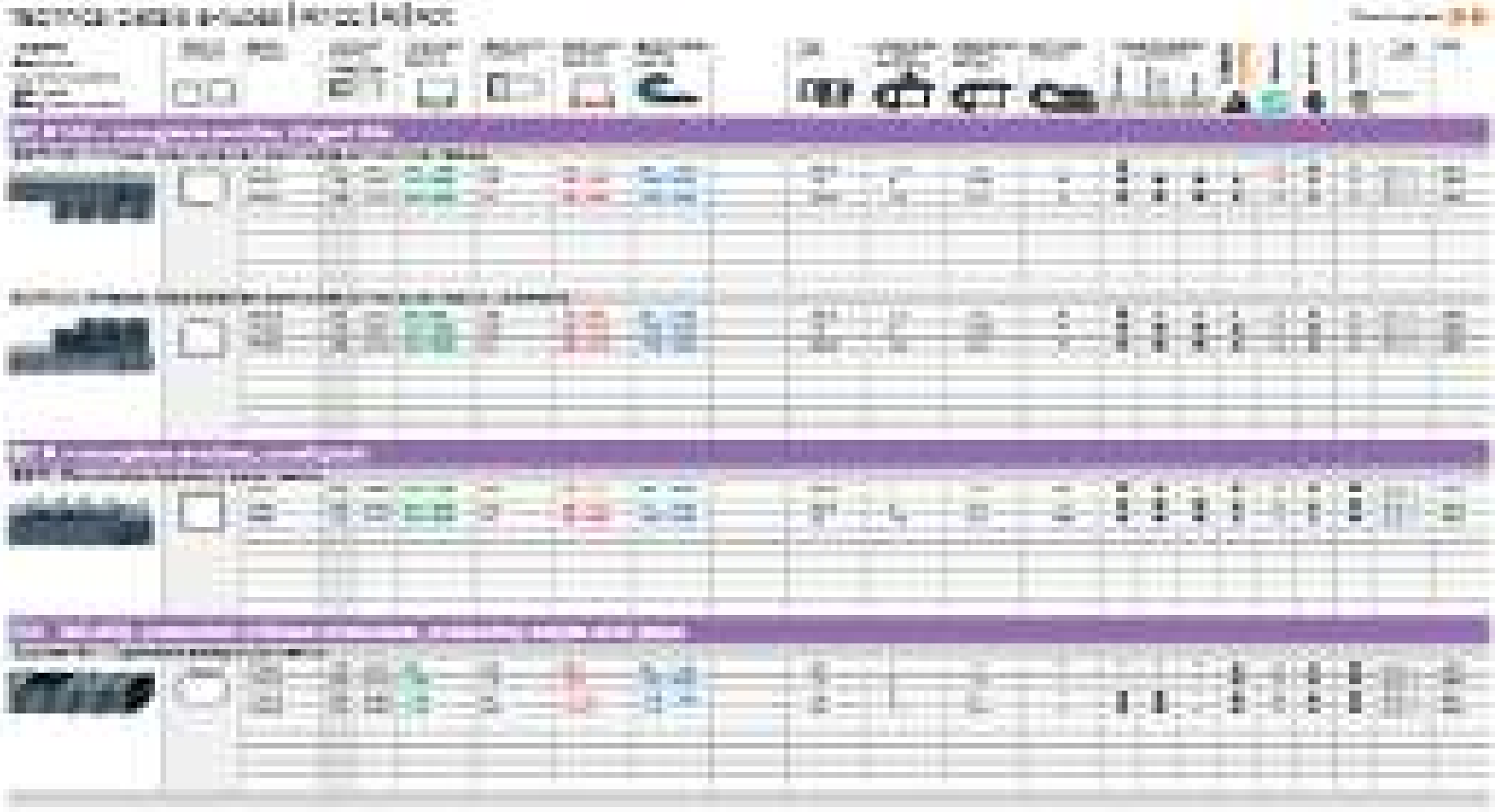


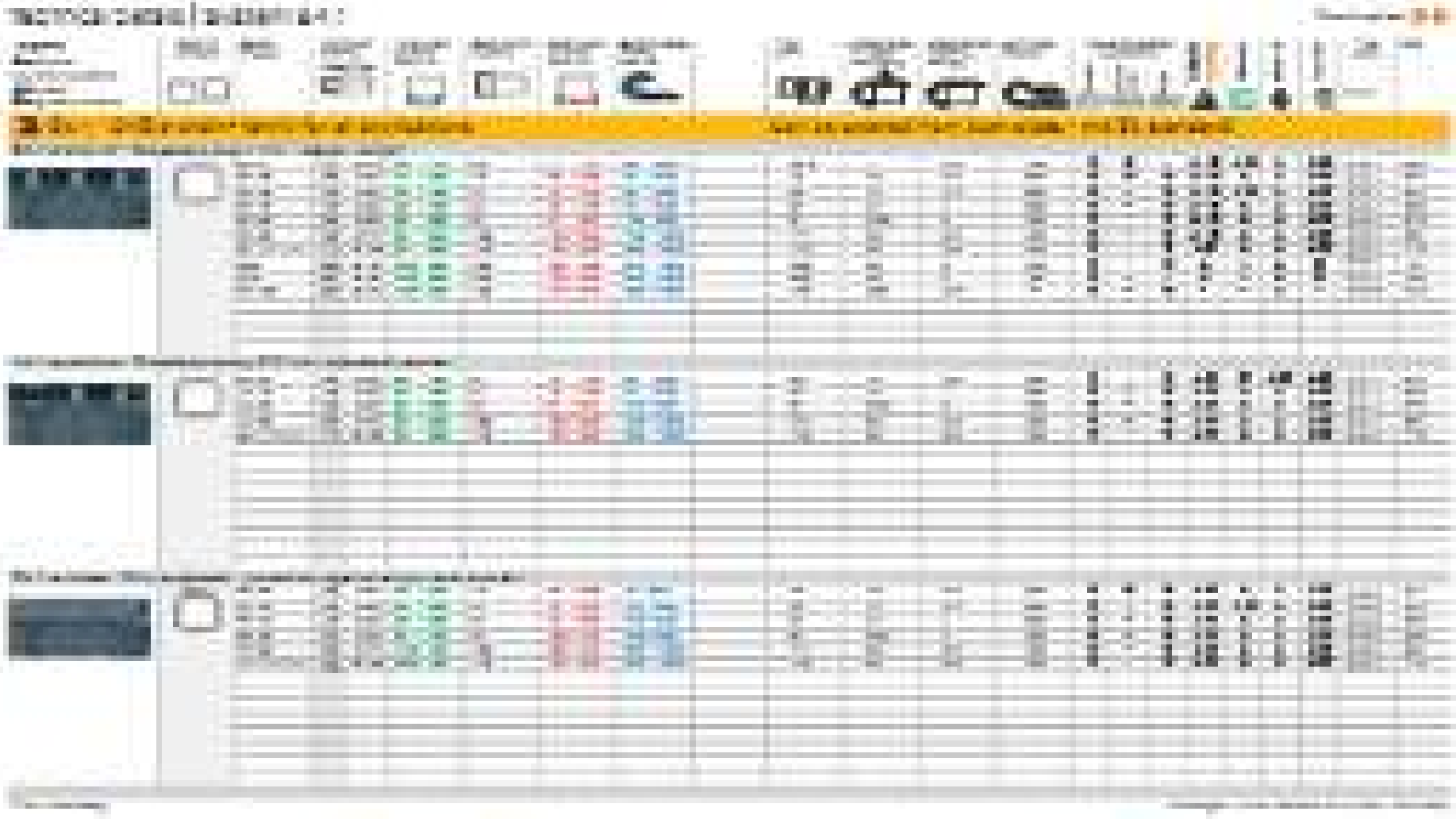
Products overview

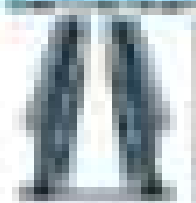
Products overview

Products overview

Products overview







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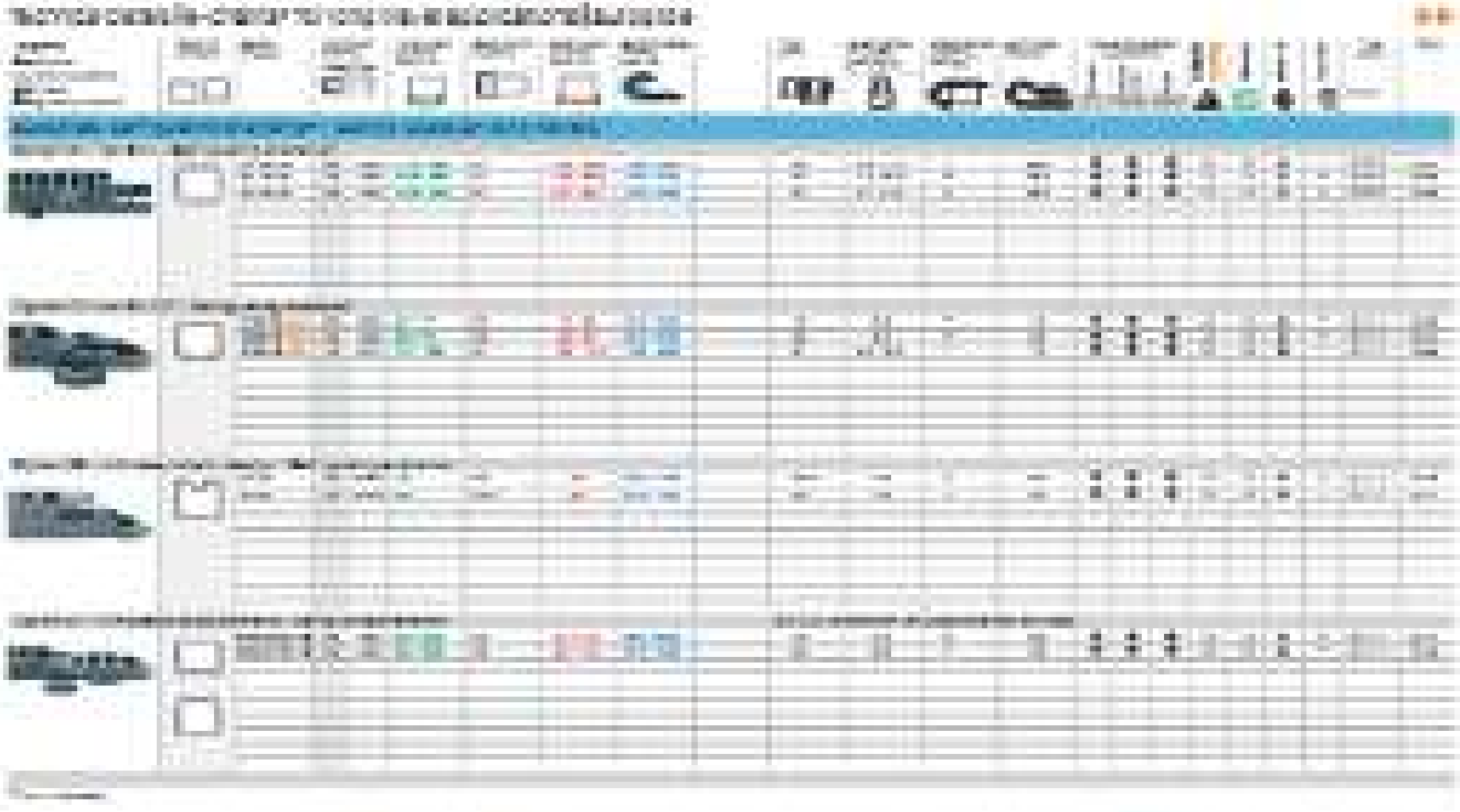

Selection

Selection

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Pictograms

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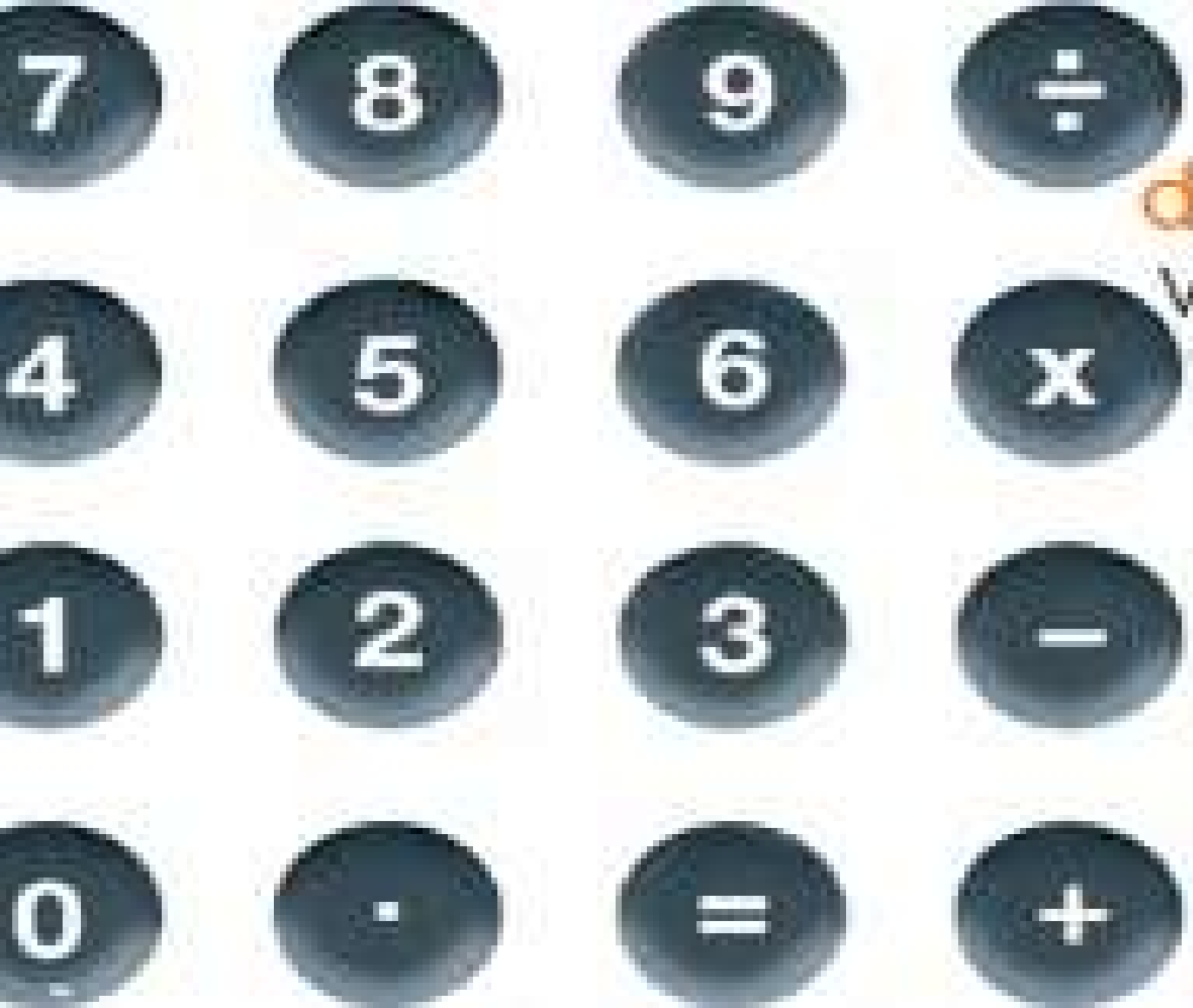
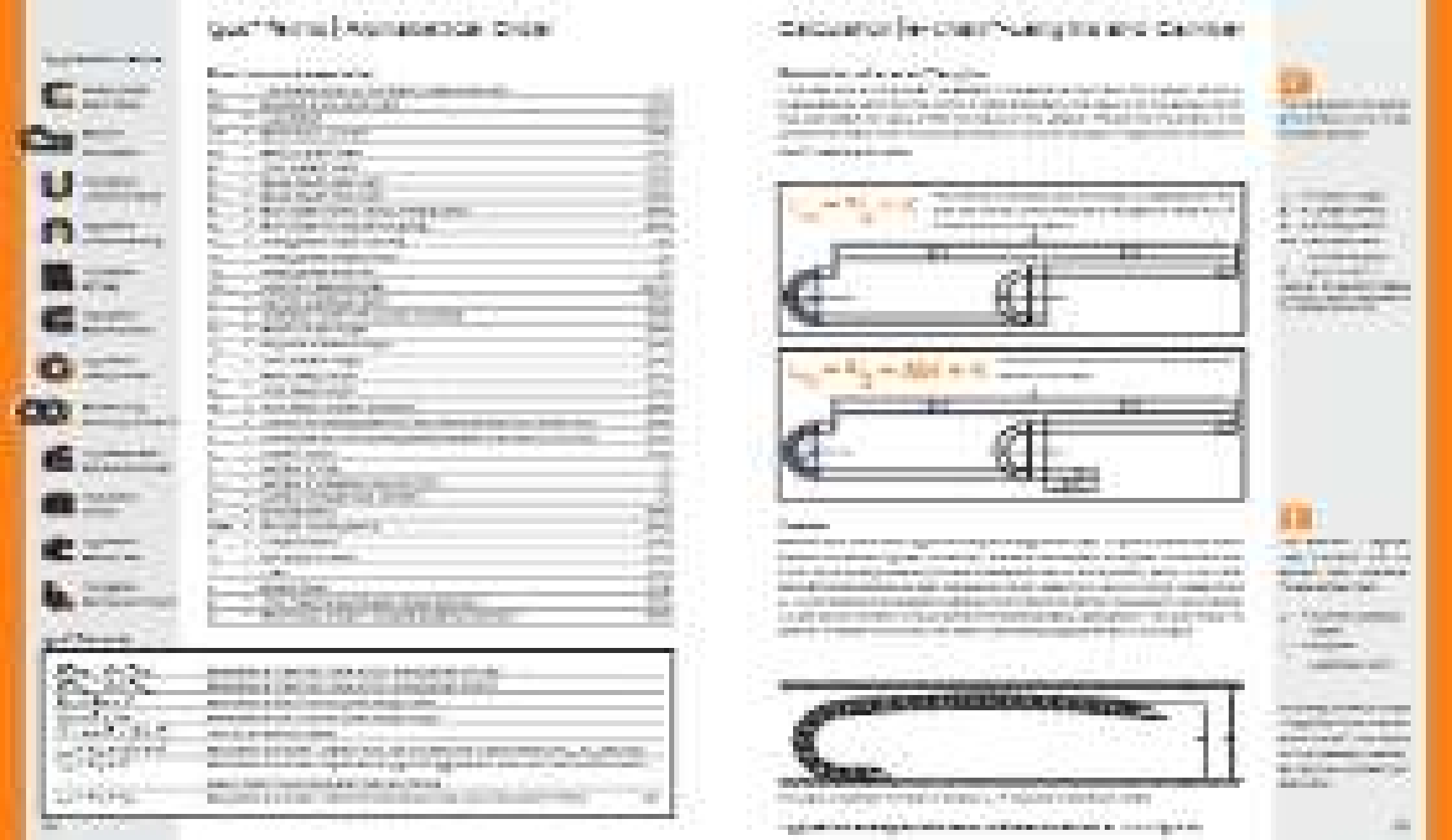
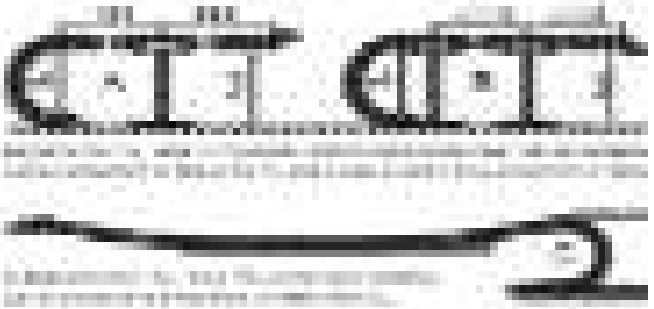
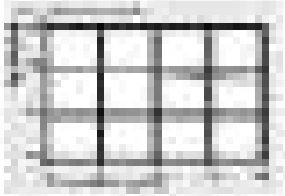


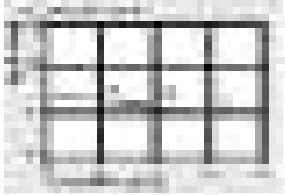
designing with igus®

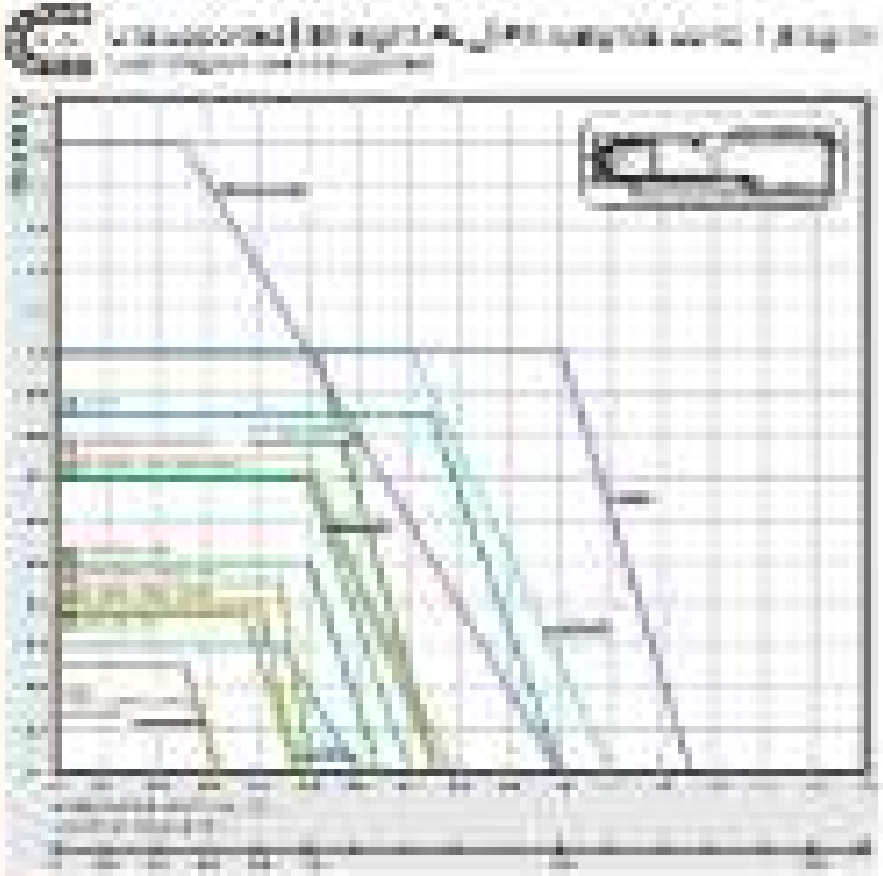
calculation tools, diagrams

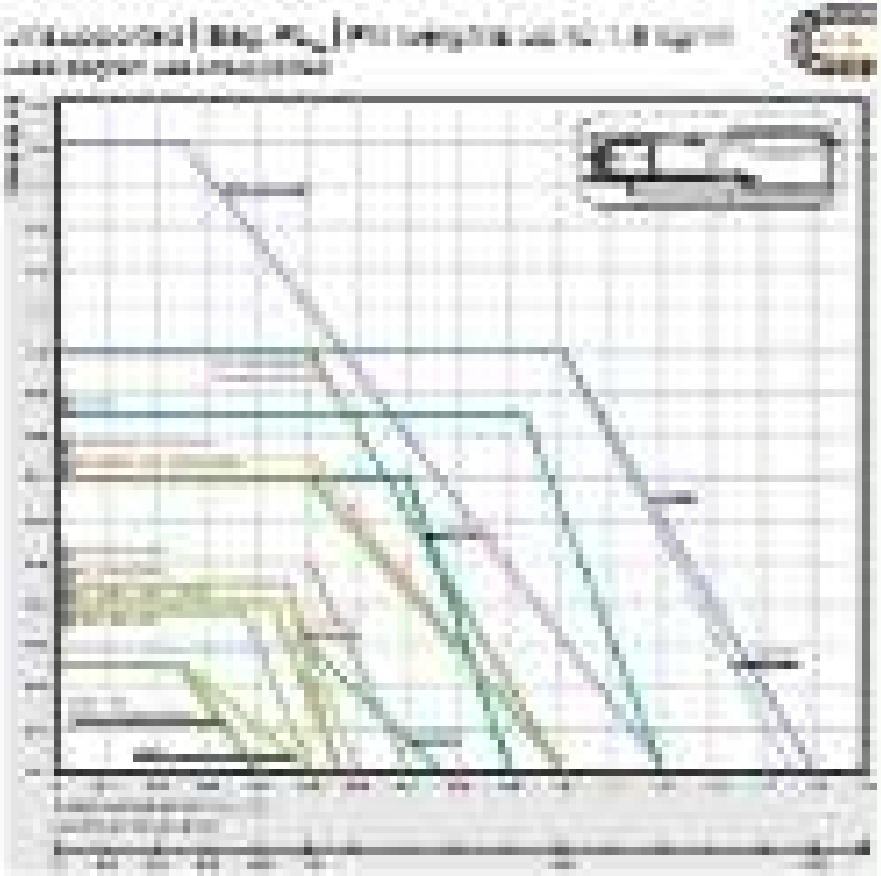


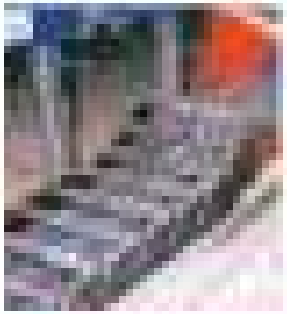


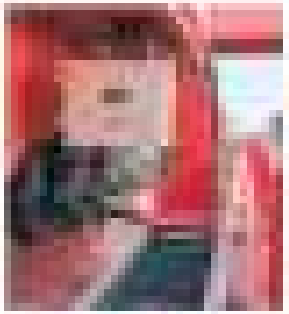


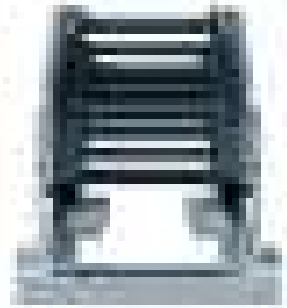


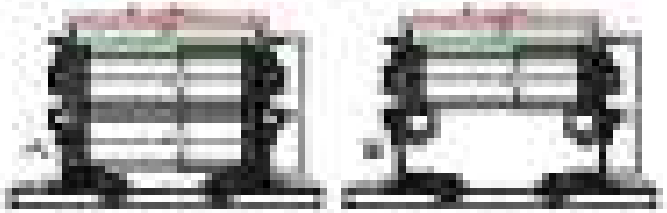


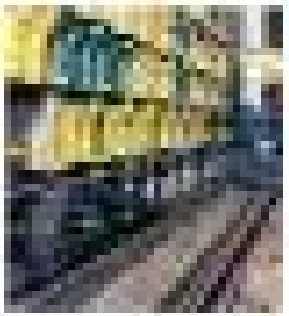


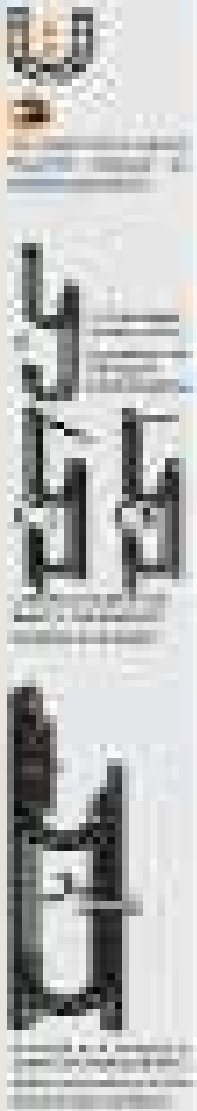


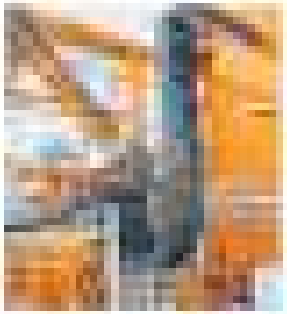


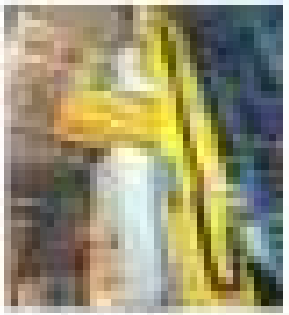




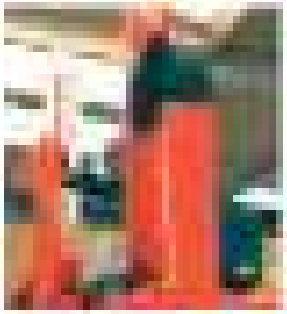




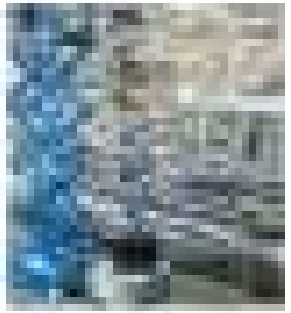


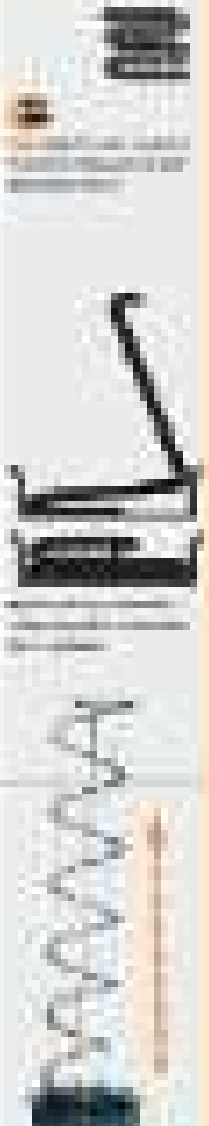


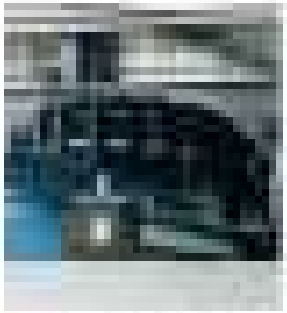
Application | Interior Standing

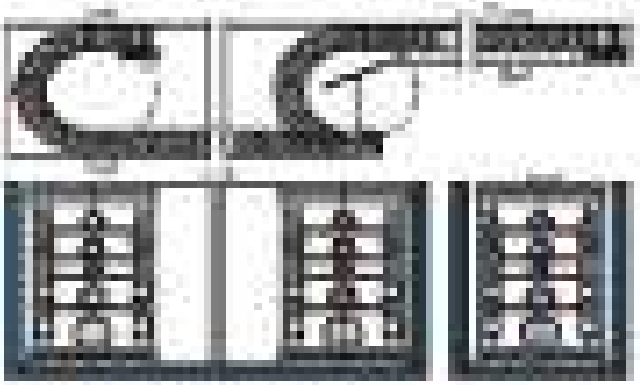


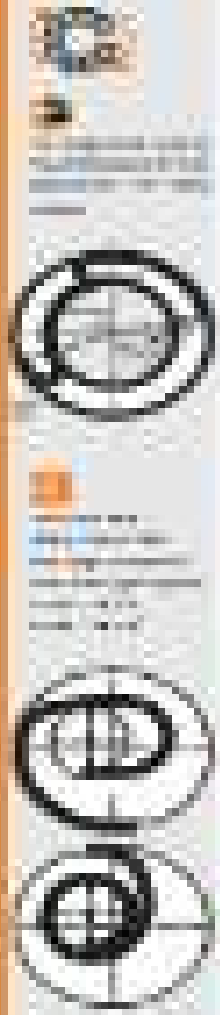
Application | Day-day | Music

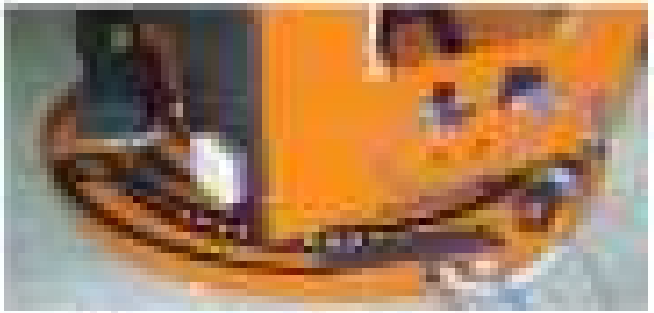


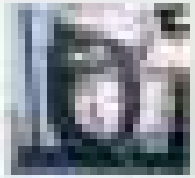


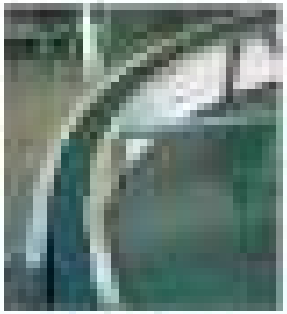


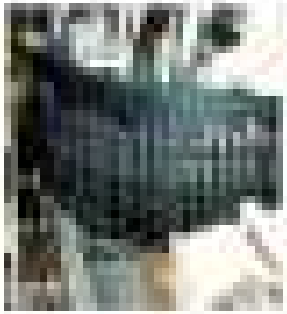




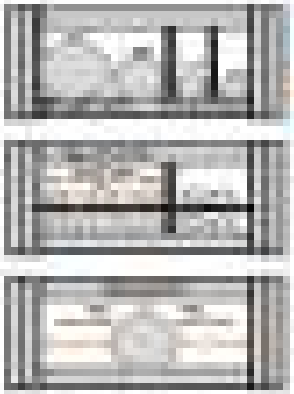


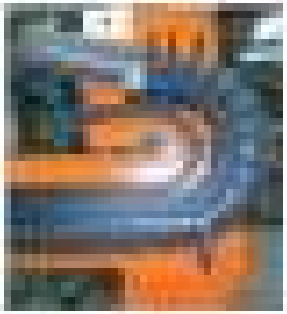






Distribution Lines | Cable and Hose Packages





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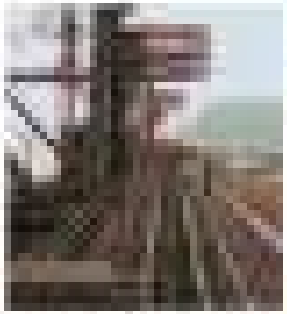
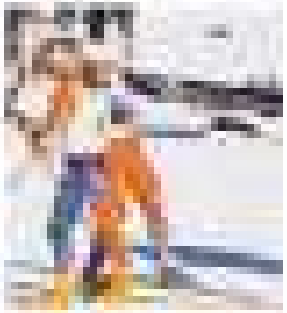
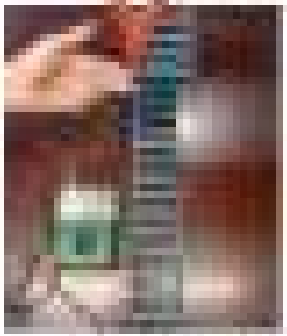
Distribution Lines | Cable and Hose Packages







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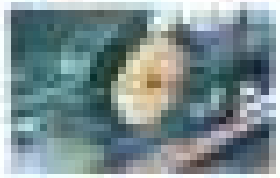
The igus® assembly service

Your complete system solution from a single source, including final assembly on-site, including guarantee* and at a predictable fixed price!

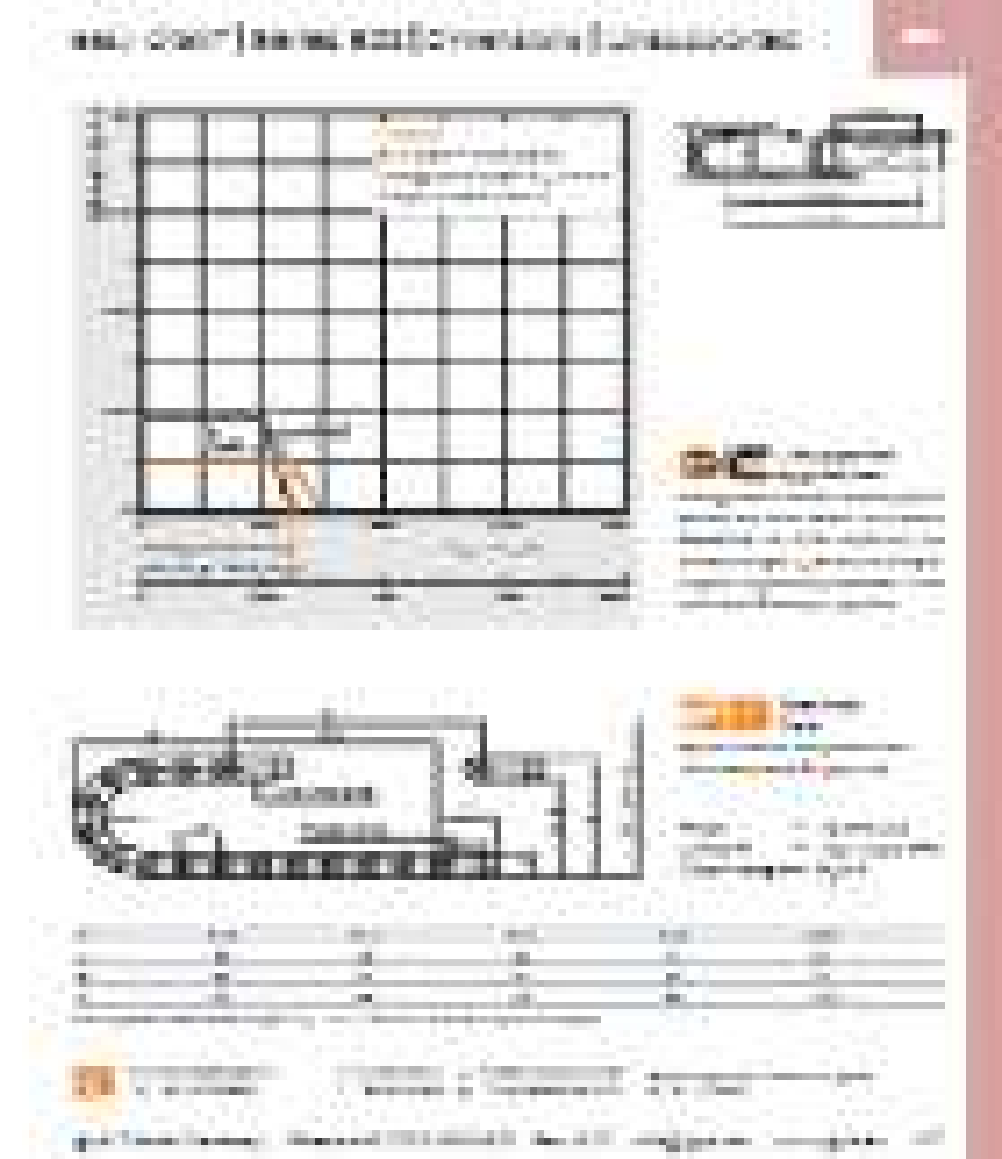


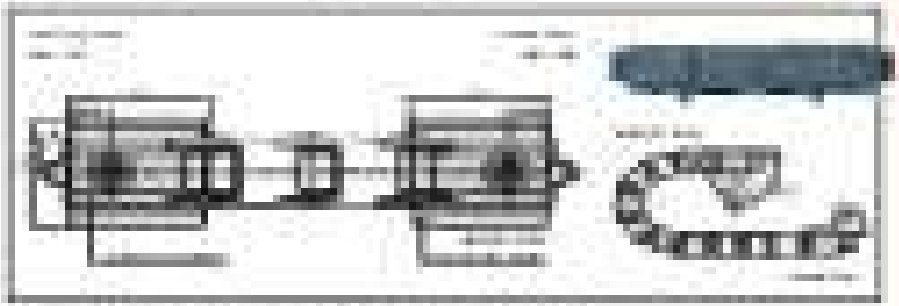
igus®

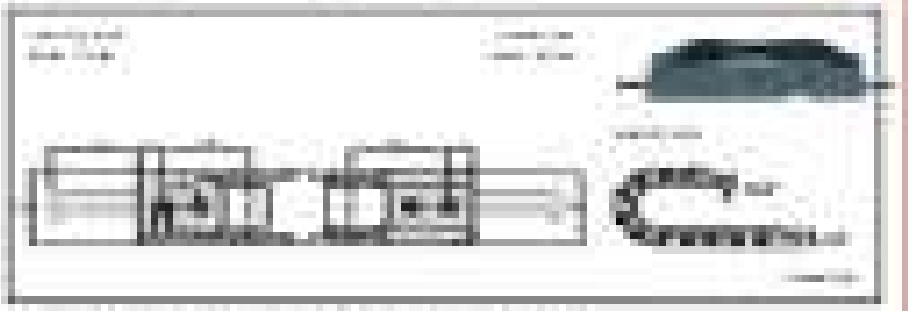
easy chain®

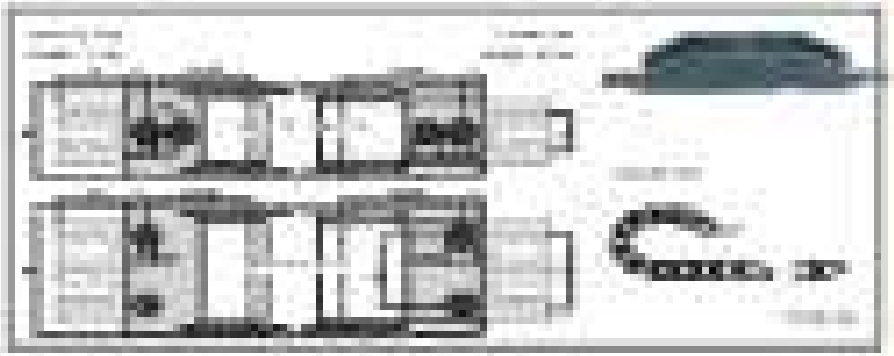
Easy to fit and
very cost-effective

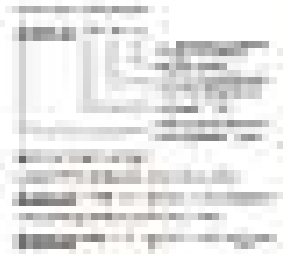
easy to fill and very cost-effective - easy chain®

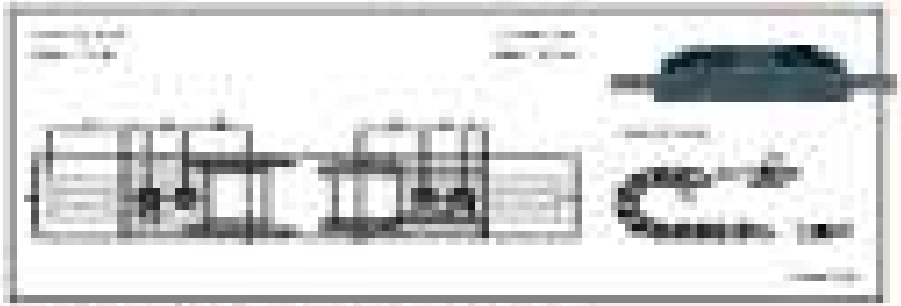


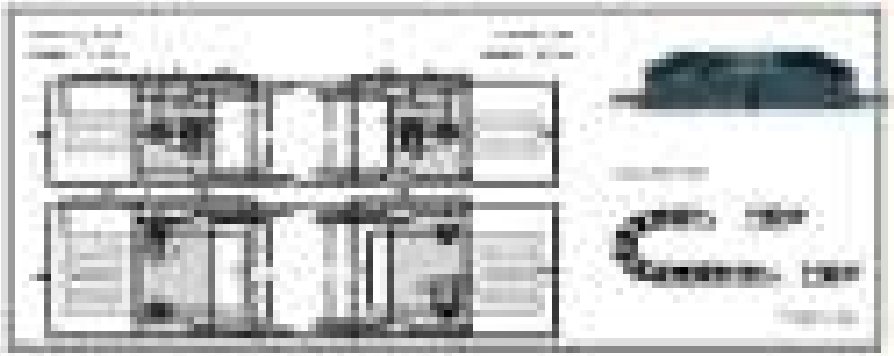


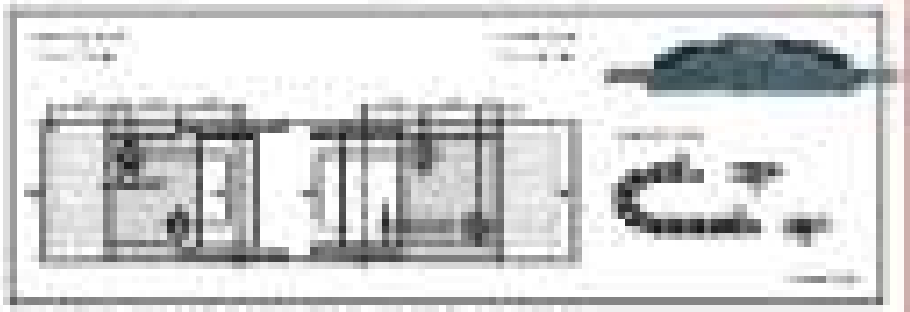


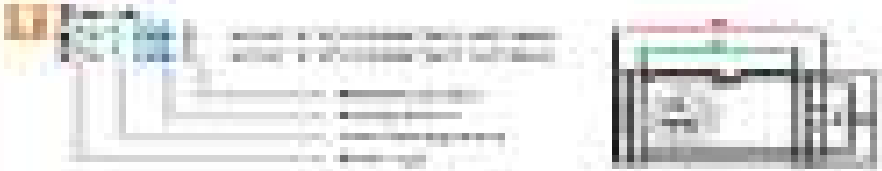


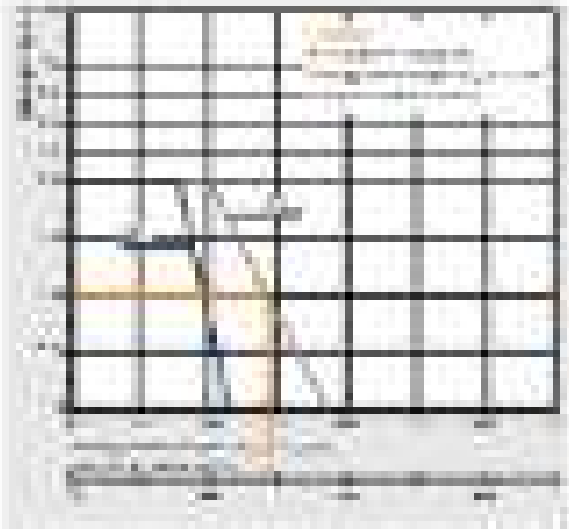


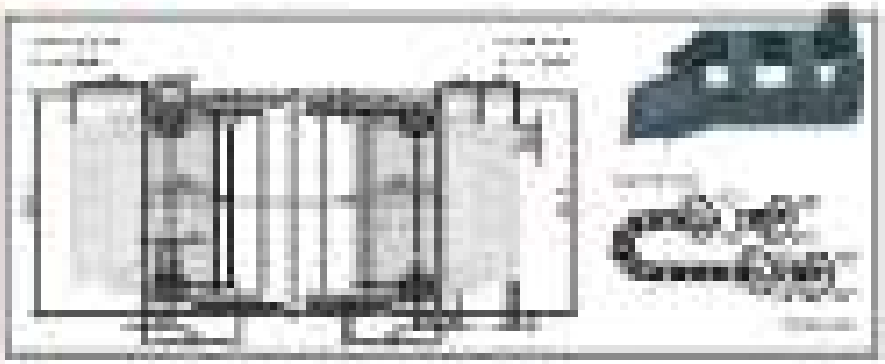




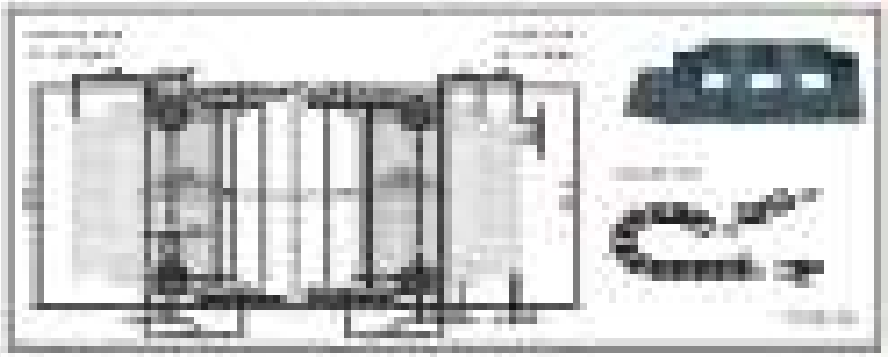


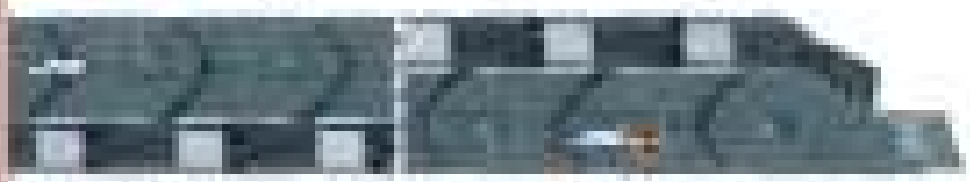


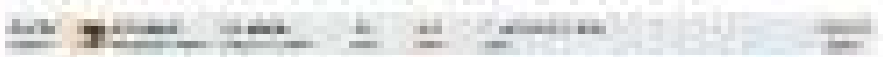


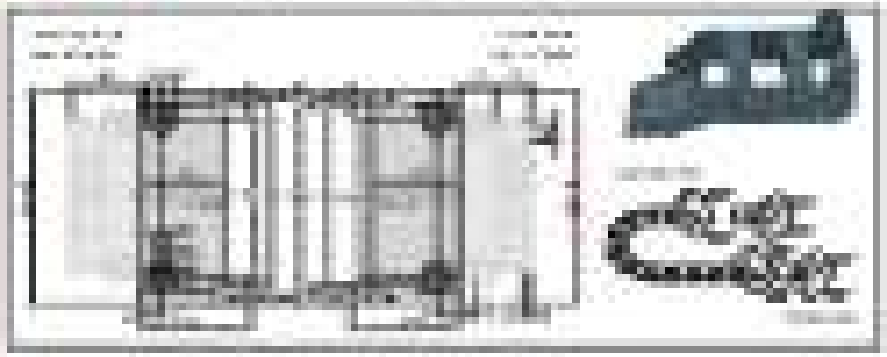


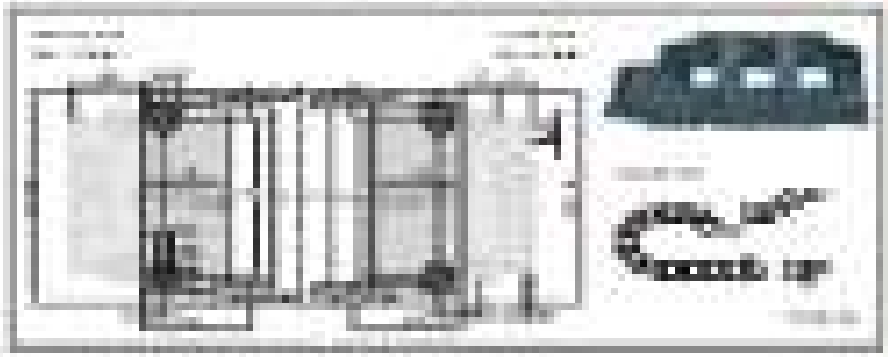
Mounting brackets

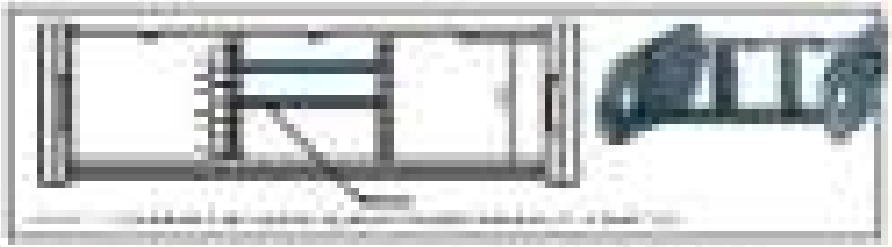


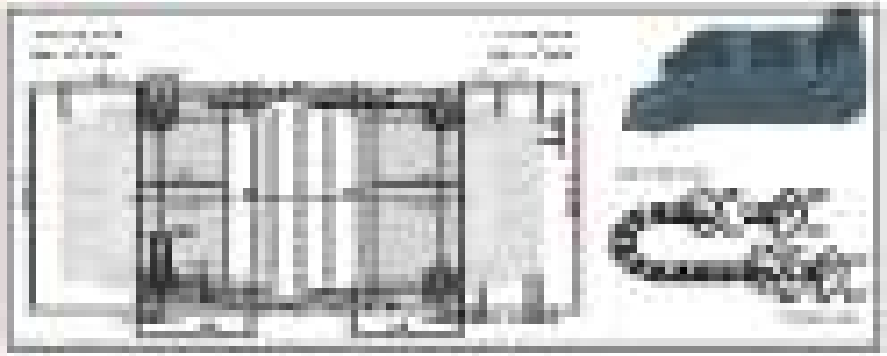


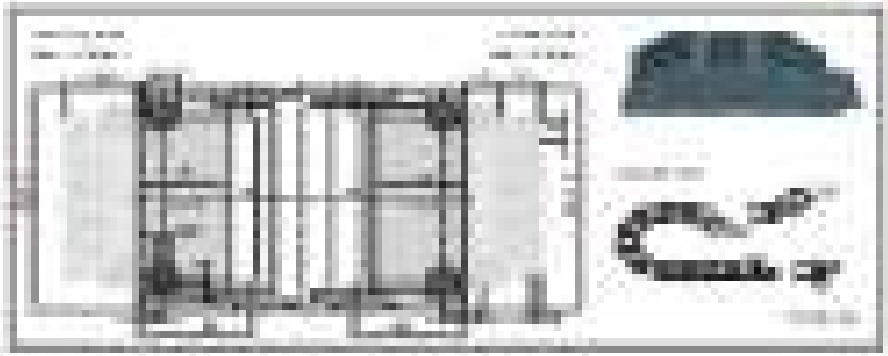






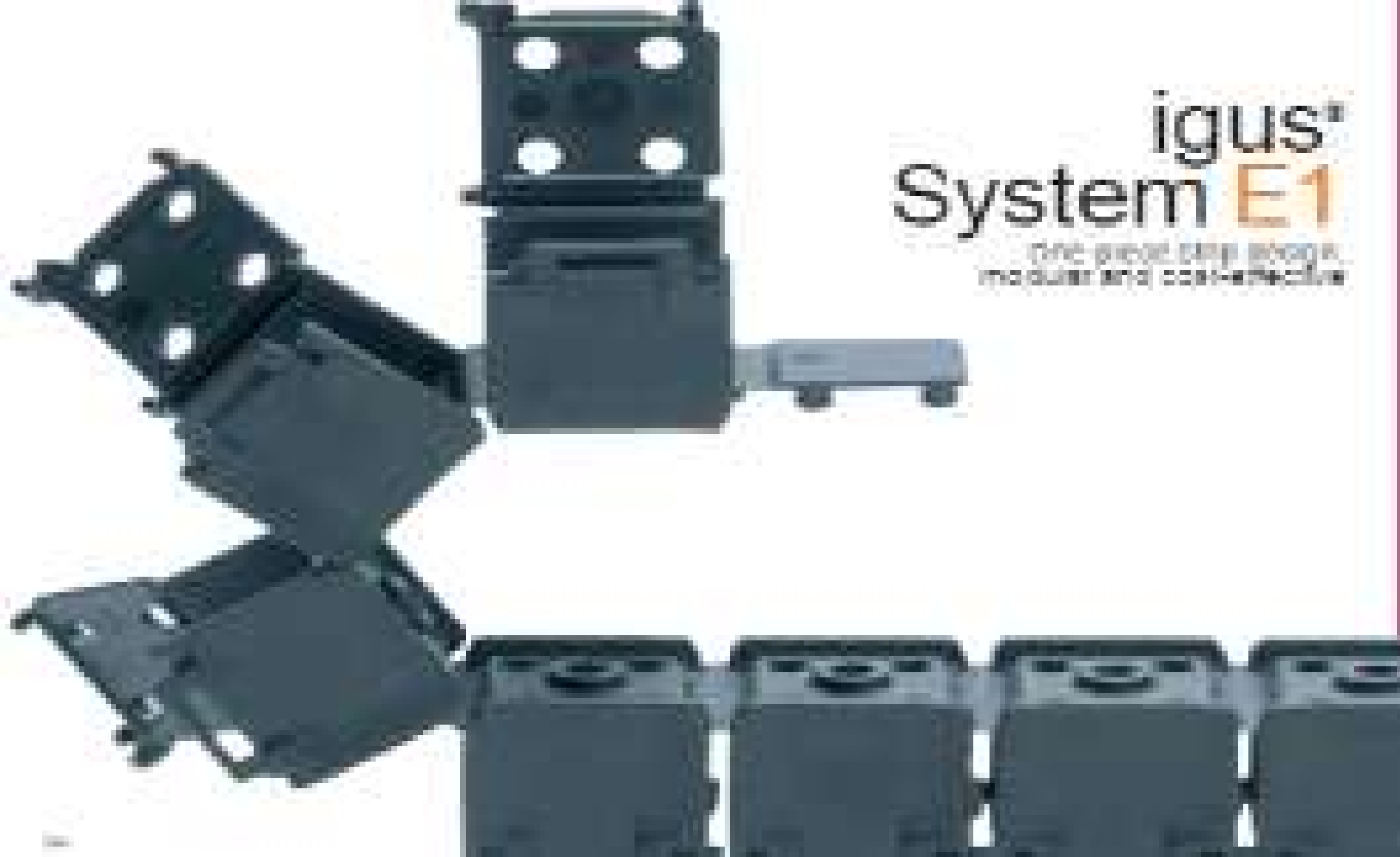




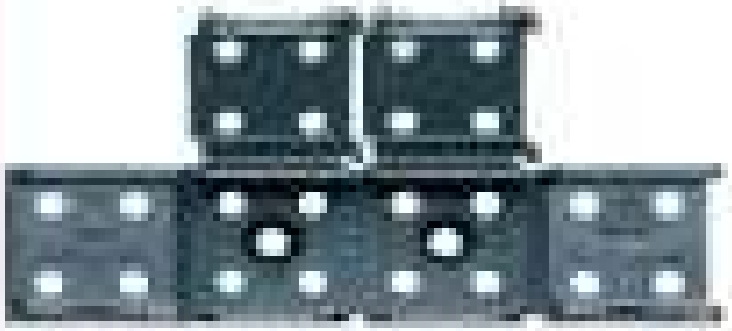


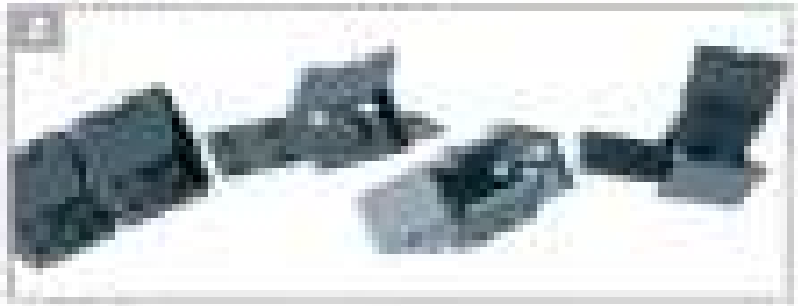
igus®
System E1

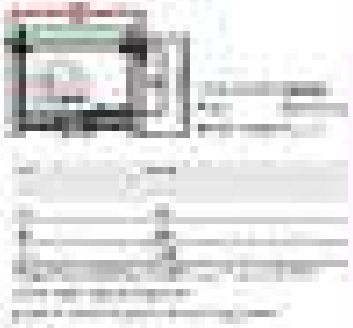
one piece, one design
modular and connectable

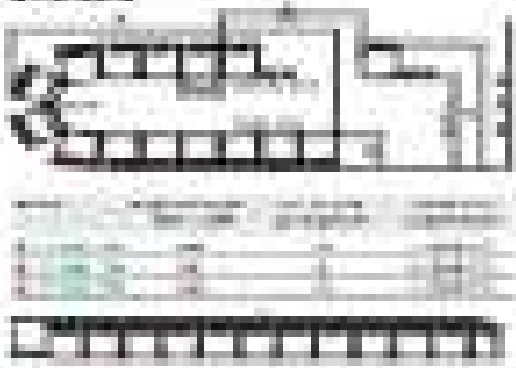


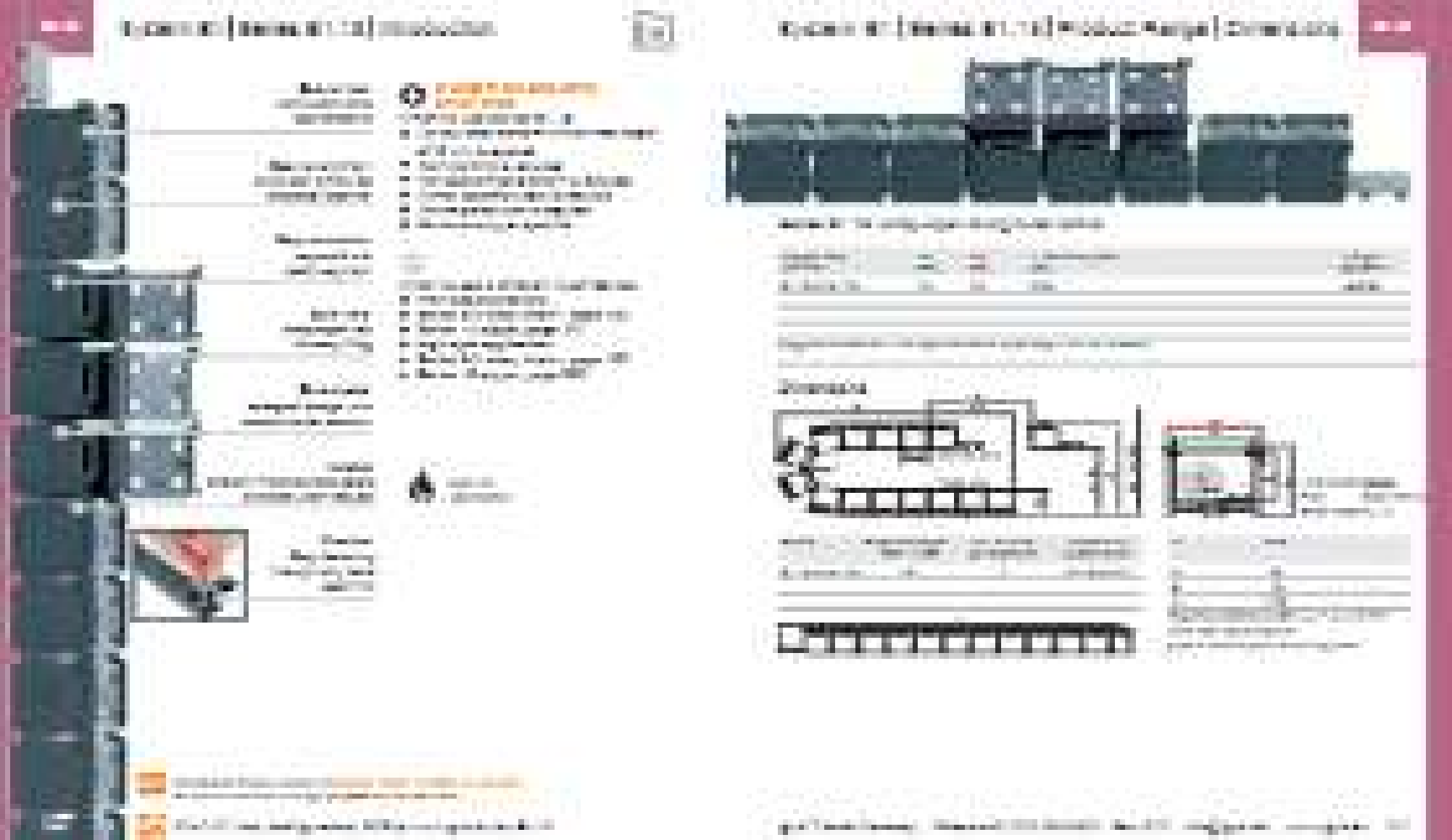
Modular, one-piece shop design for simple applications – S1





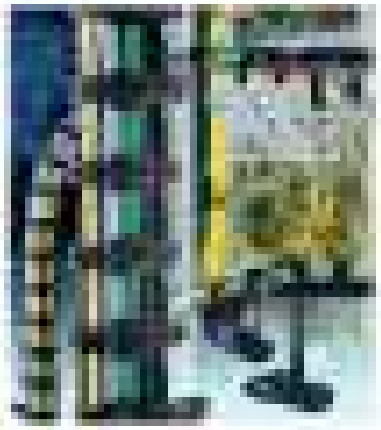




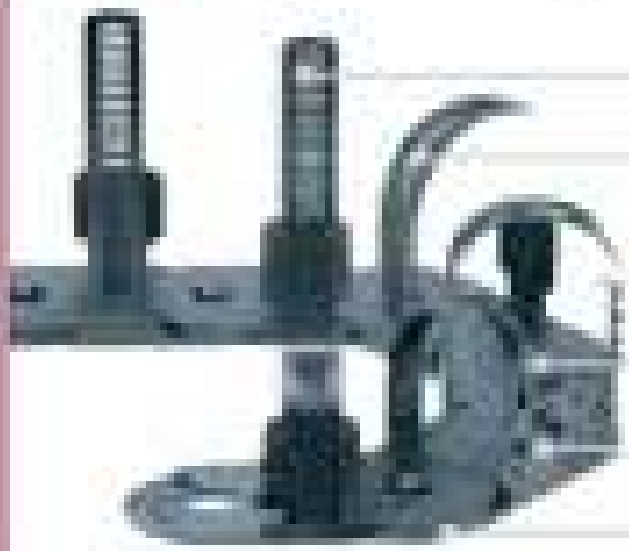


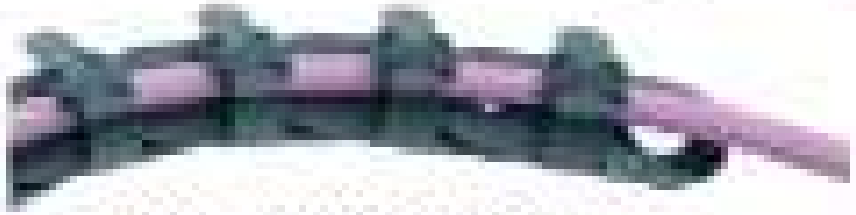

igus®
snapchain

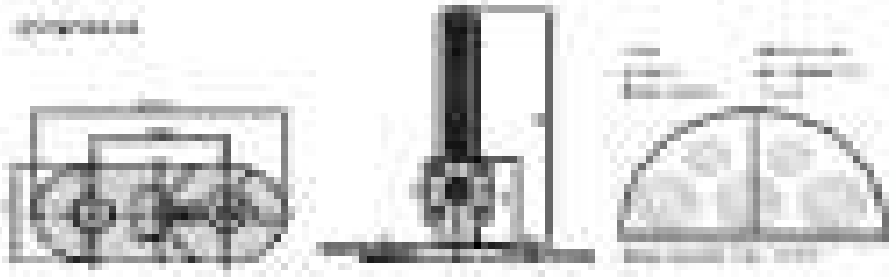
fit cable assemblies quickly in bunches - snapchain

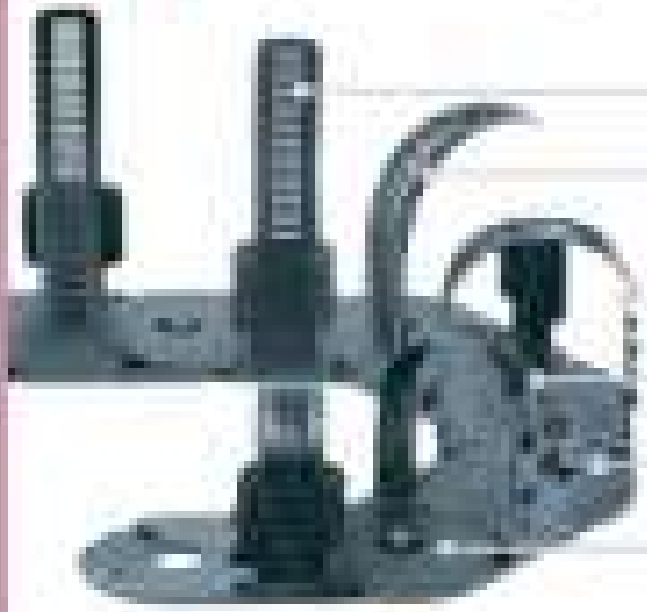


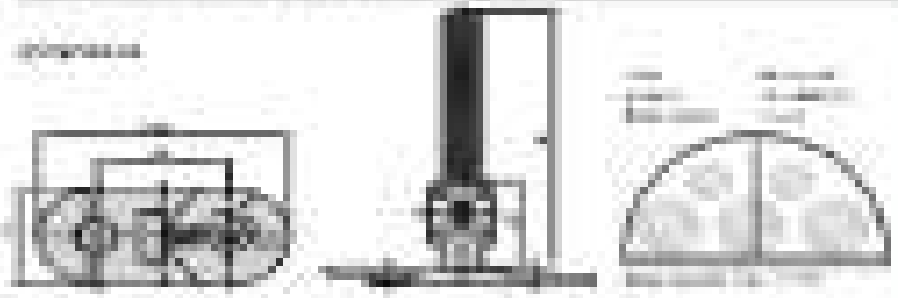
Technical Data









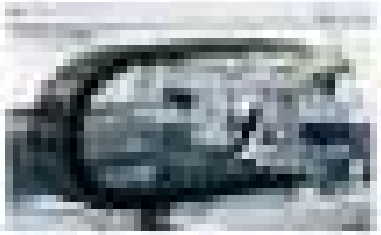


igus®

zipper

Fast solutions and cabling with zipper

Zip featuring e-chains® e-tubes zipper



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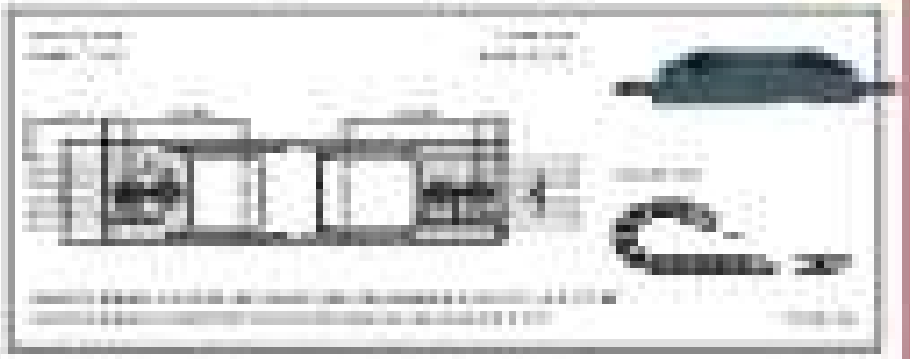
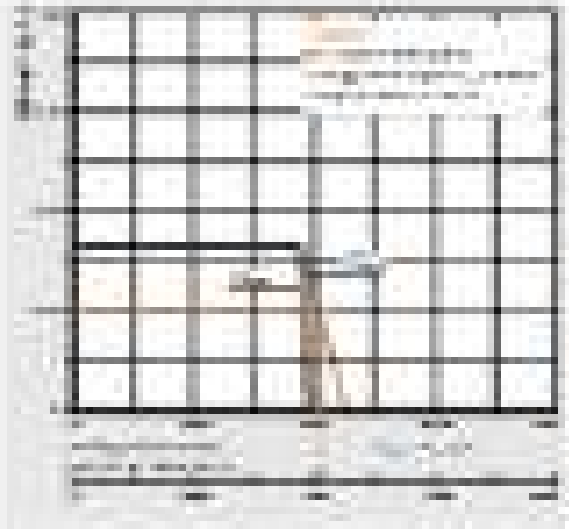
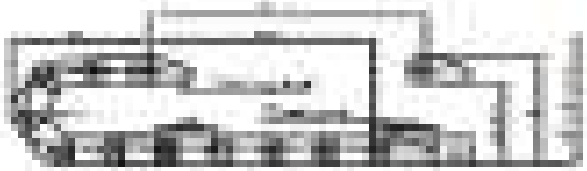
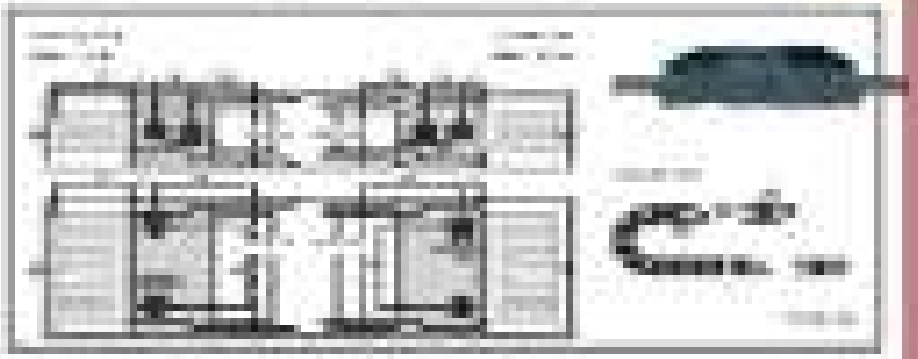
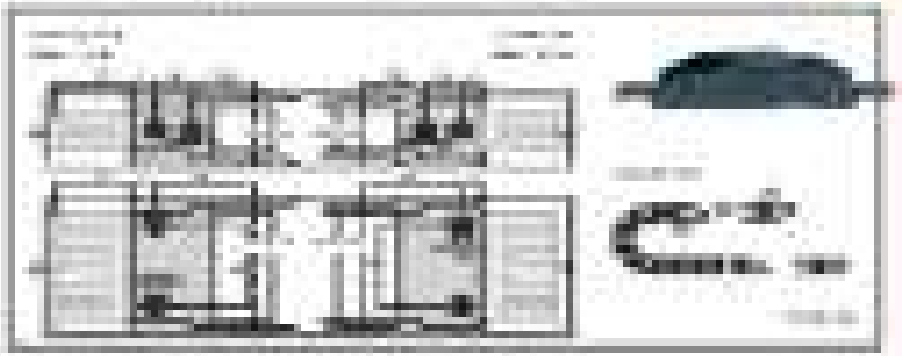
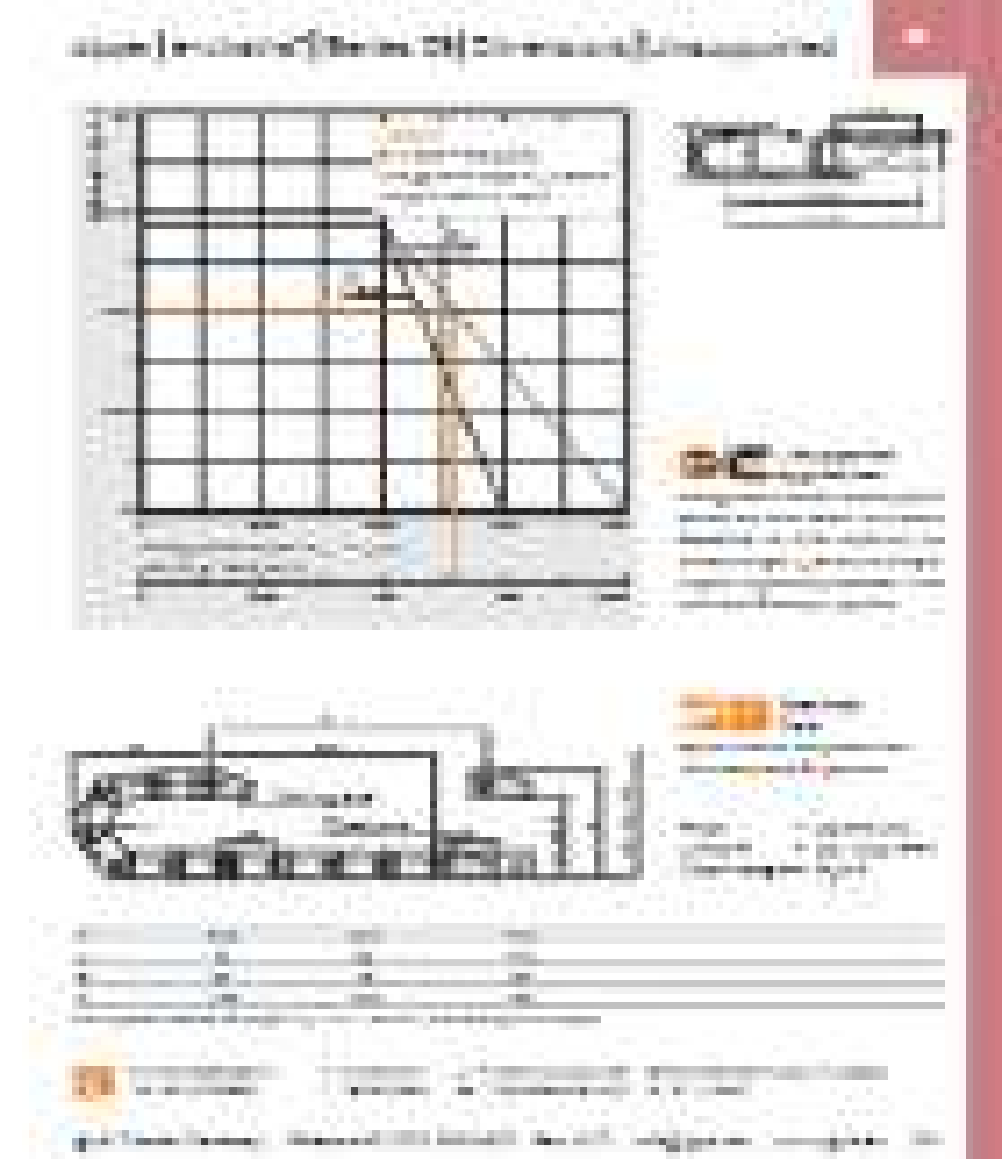


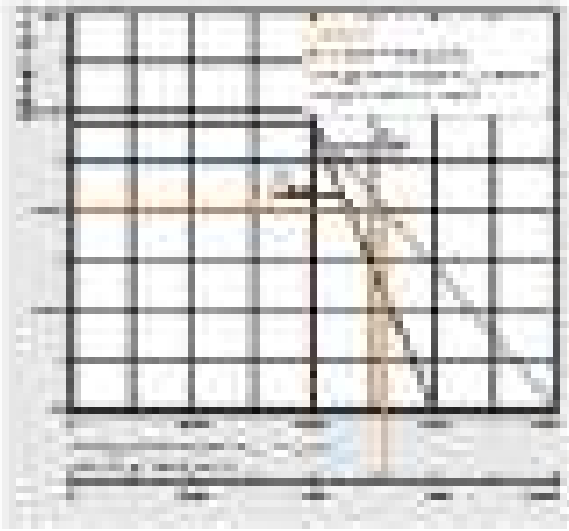


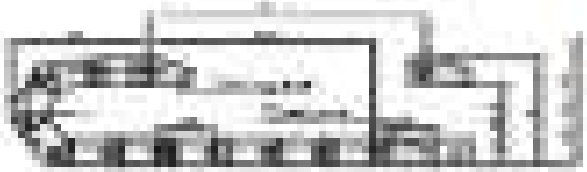


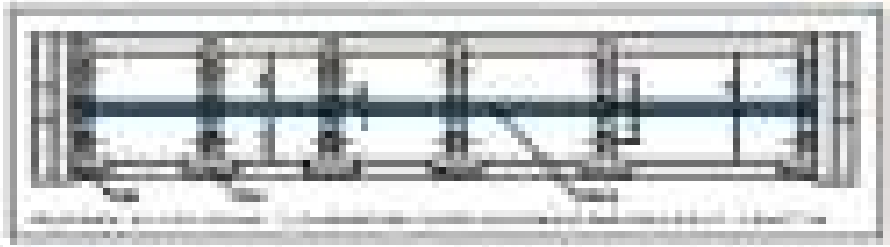


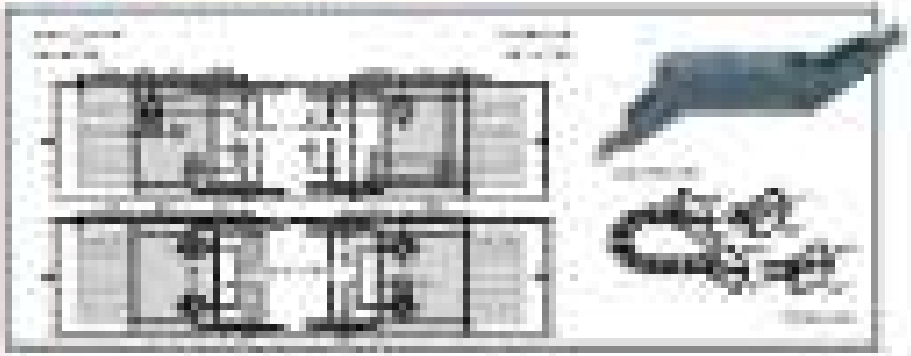


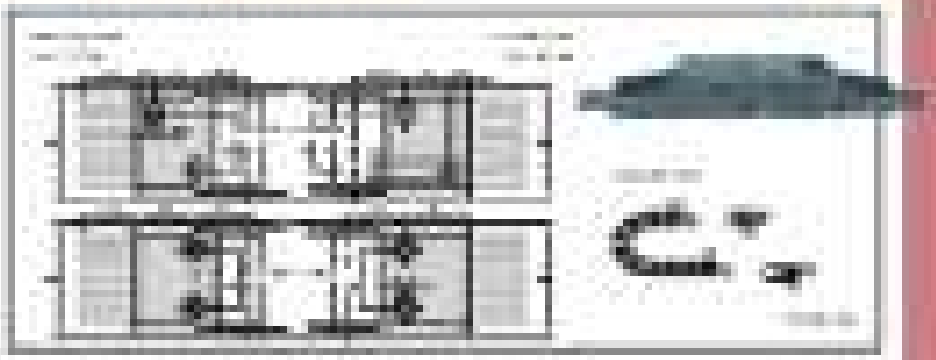


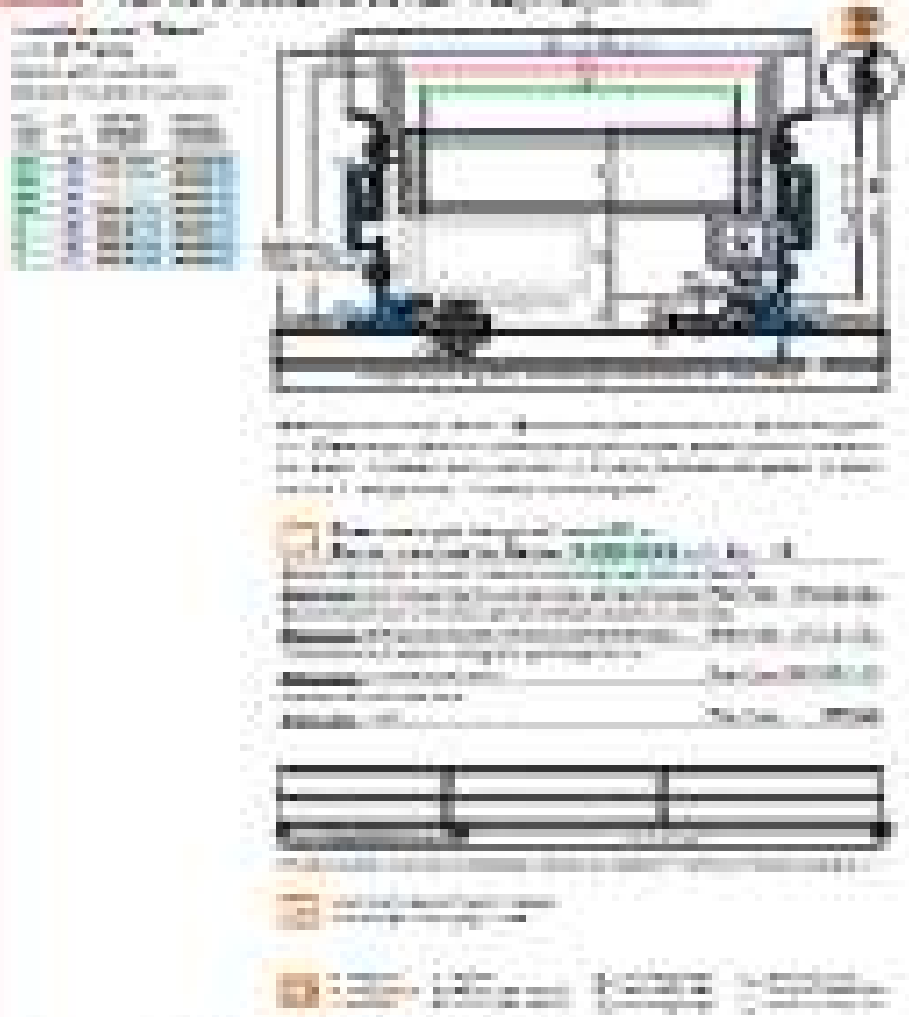


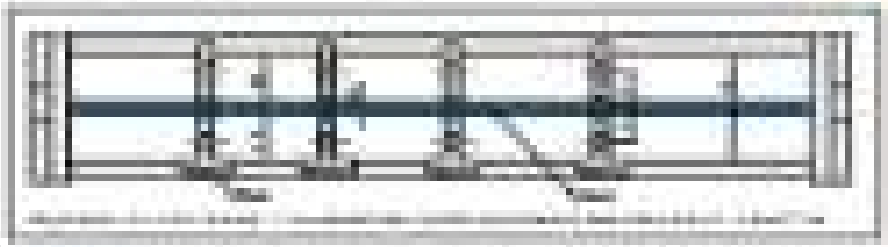


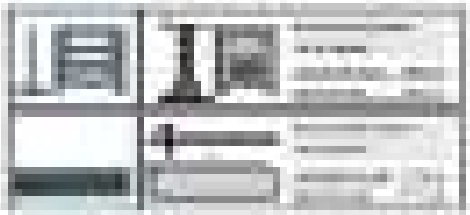


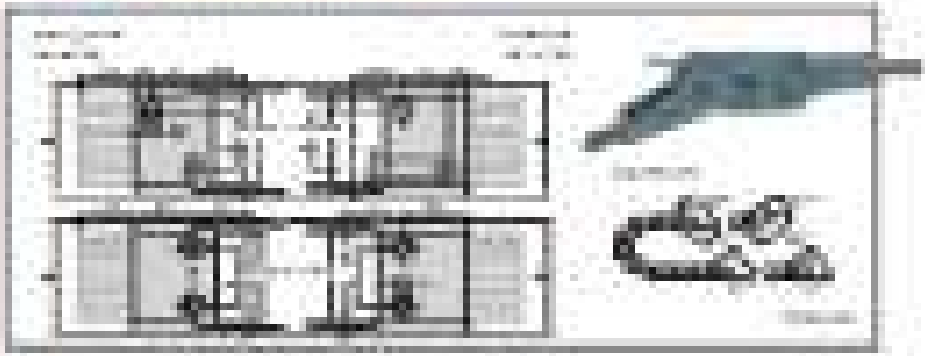


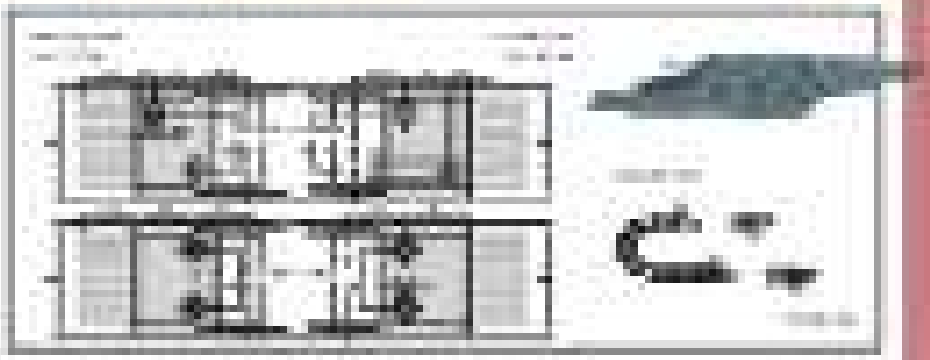


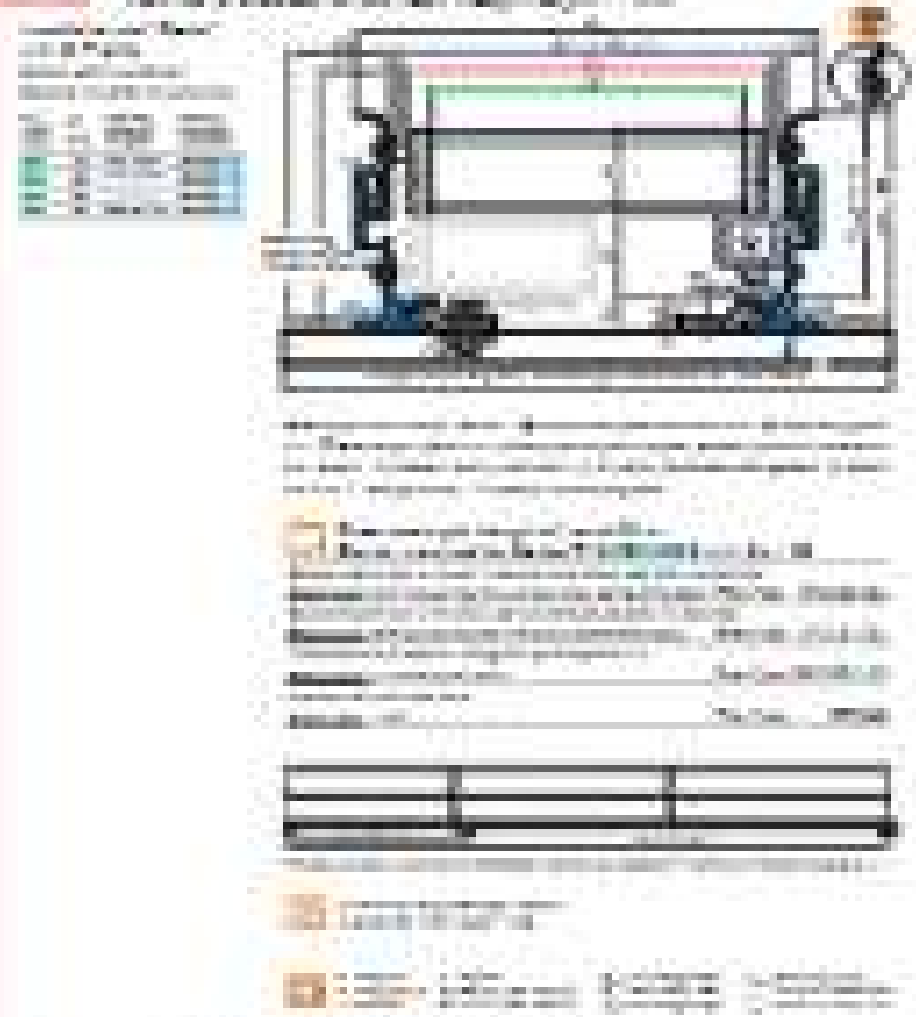


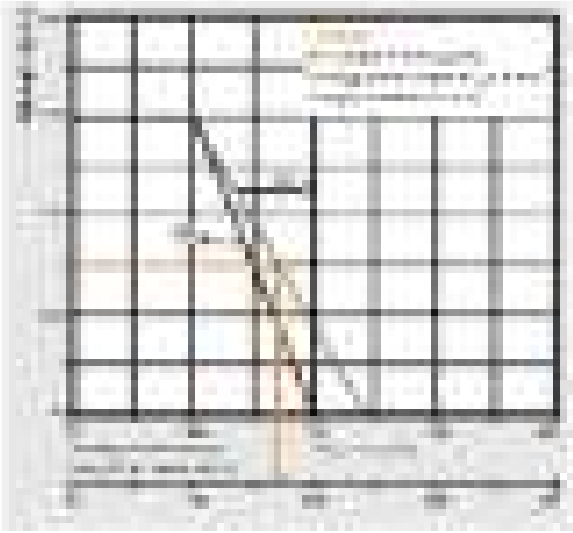


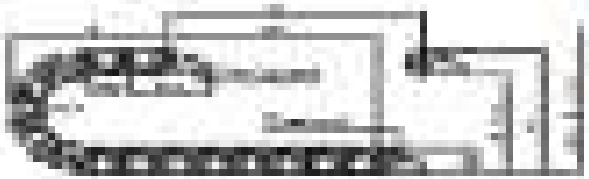


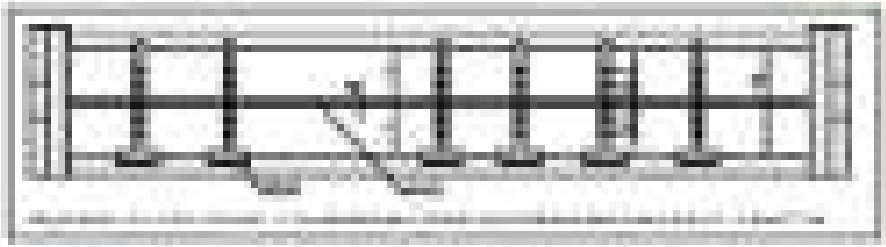


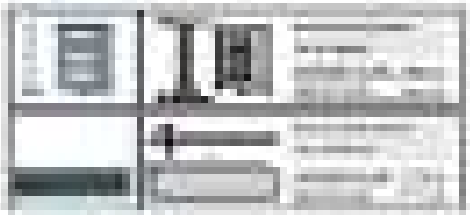


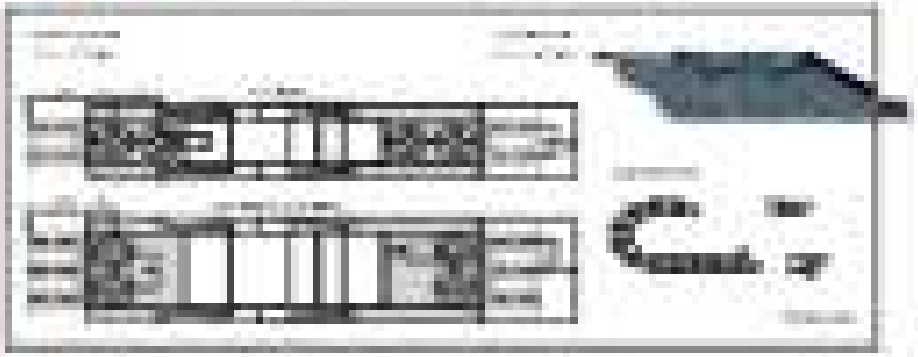






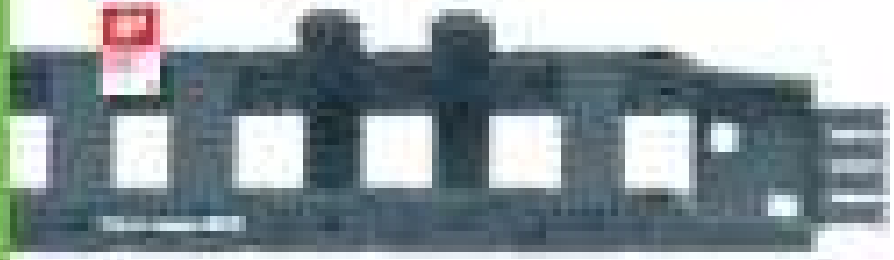


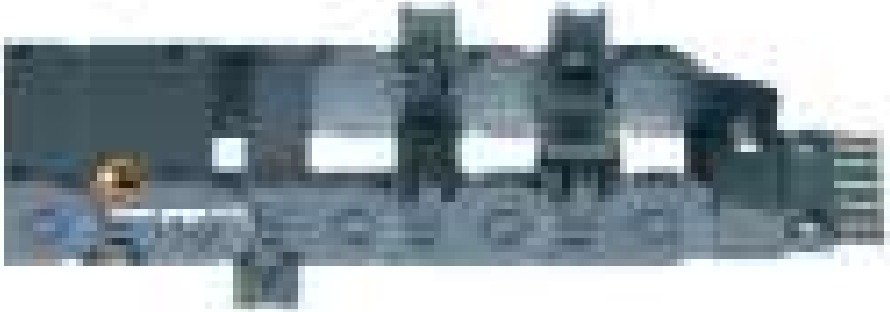




System E2 Allrounder

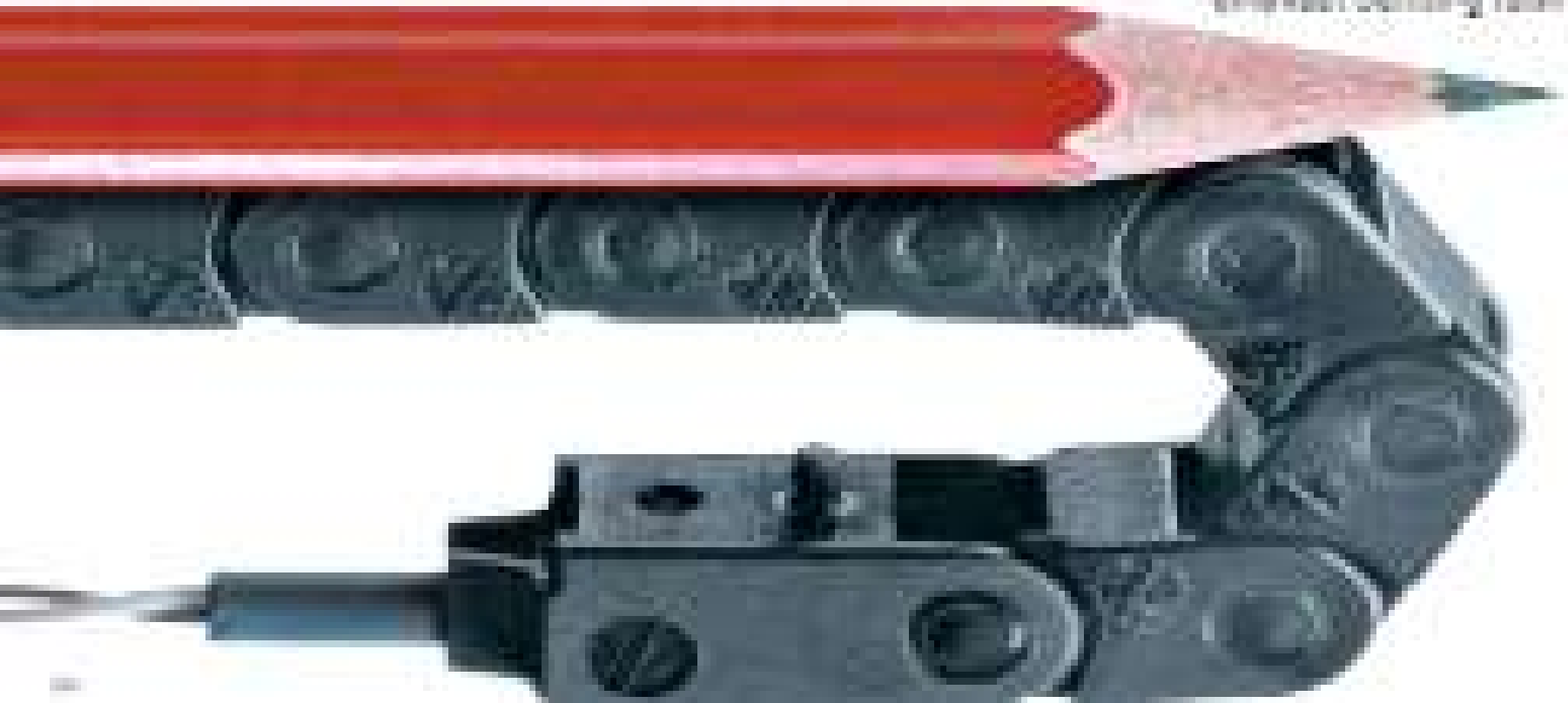
robots | rail | ES 200
e-chains® and e-tubes



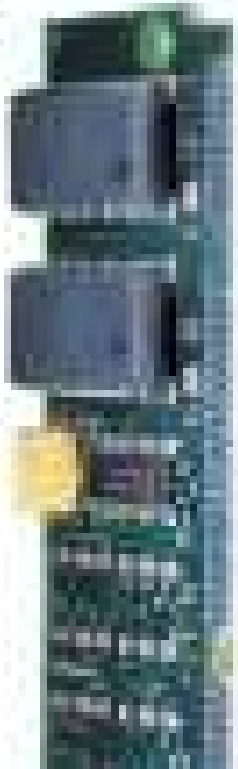


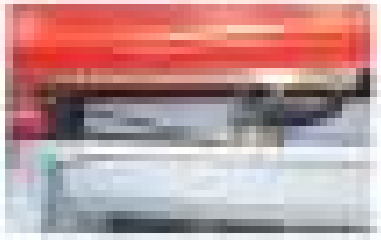
igus®

E2 micro



Smallest inner heights and bending radii E2 micro e-chains®





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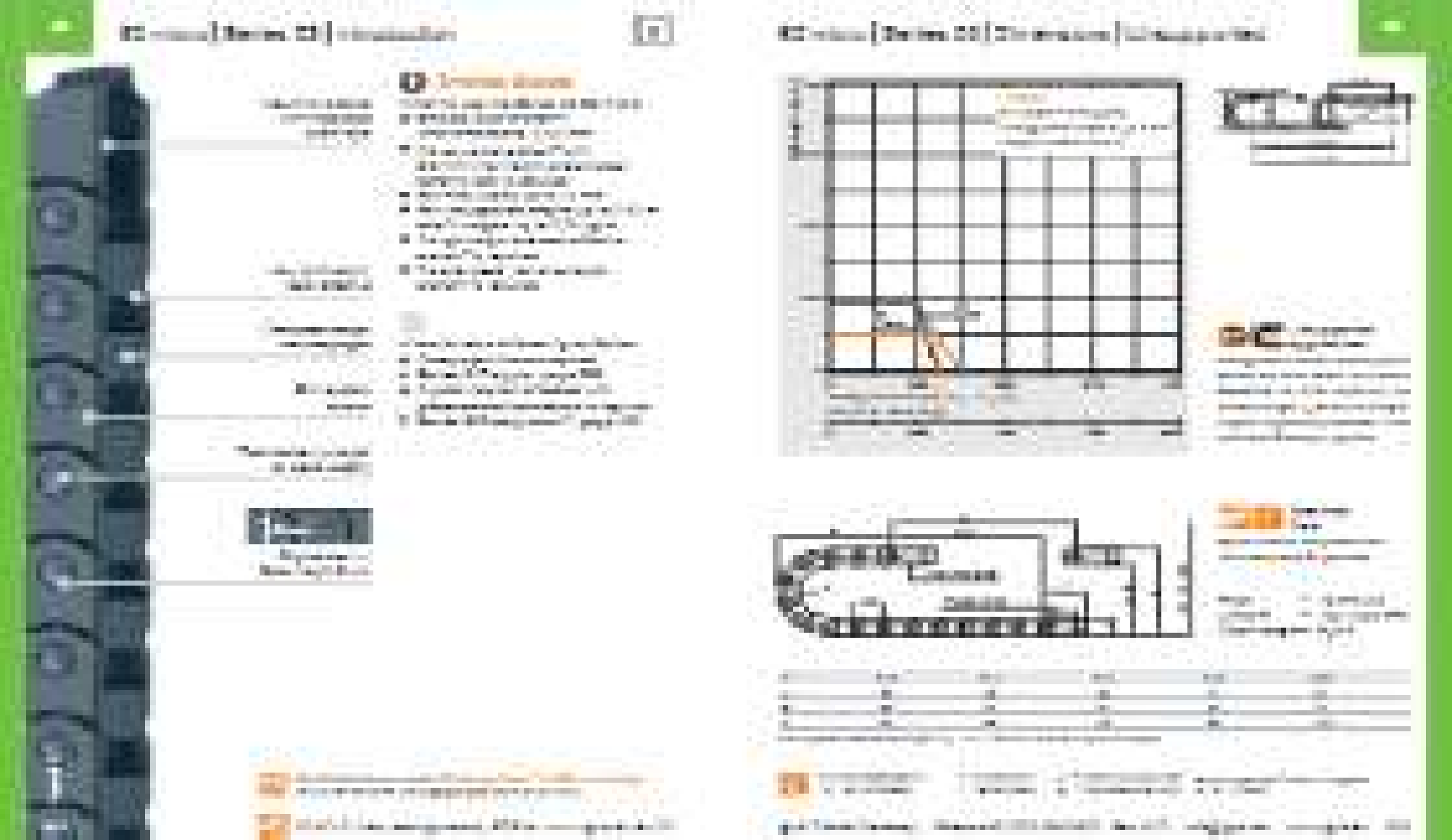
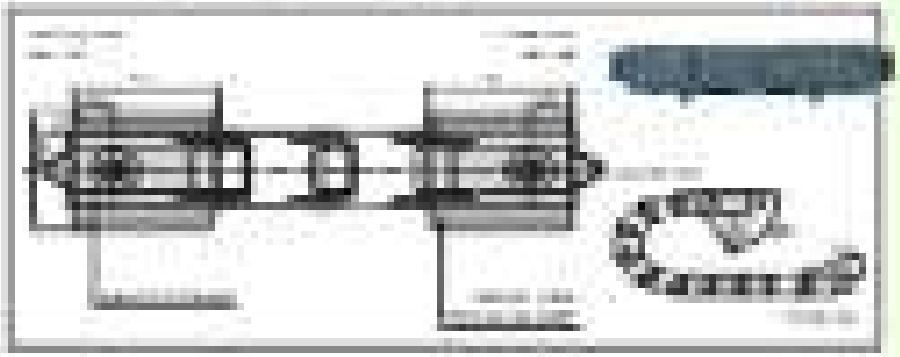
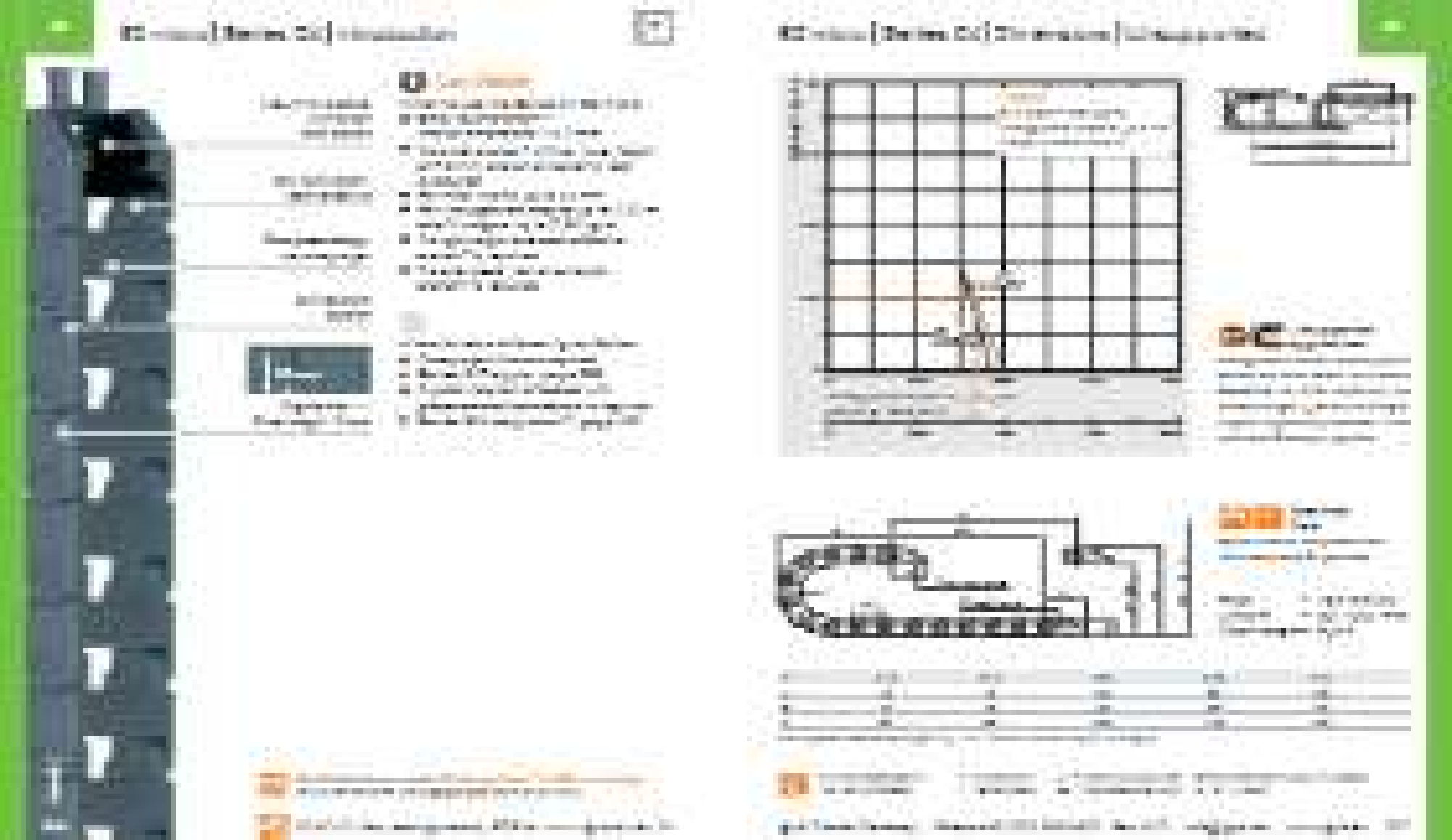
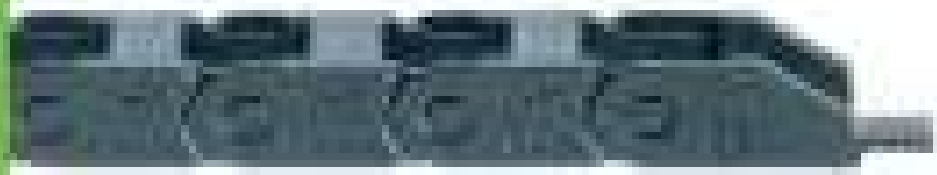
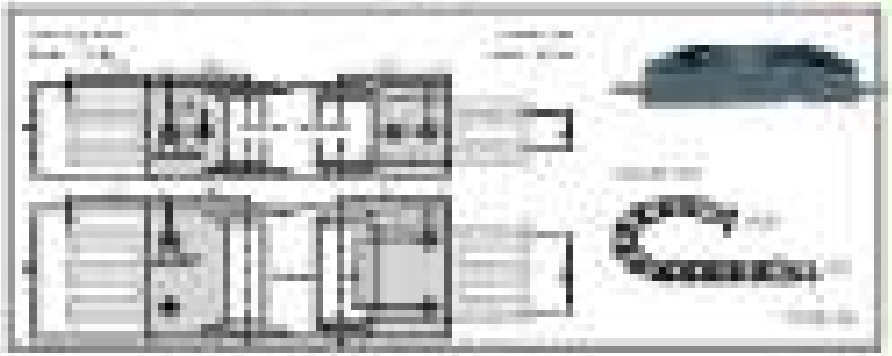
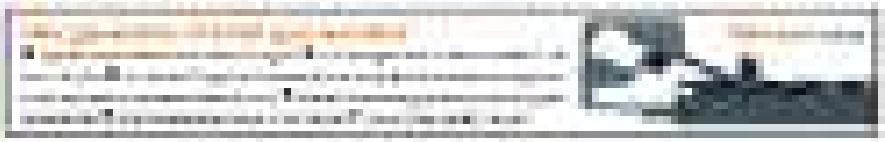


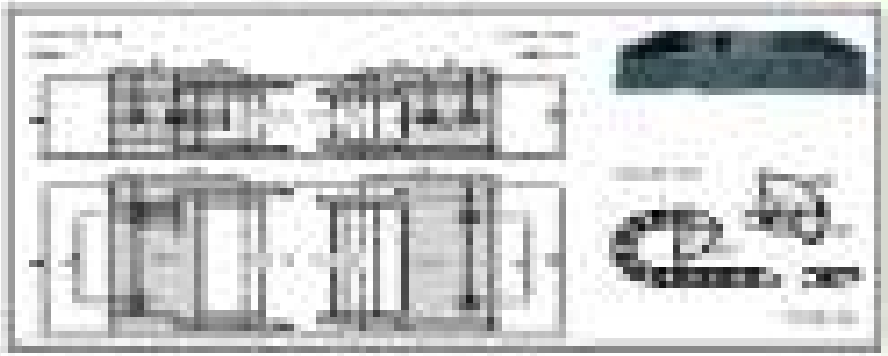


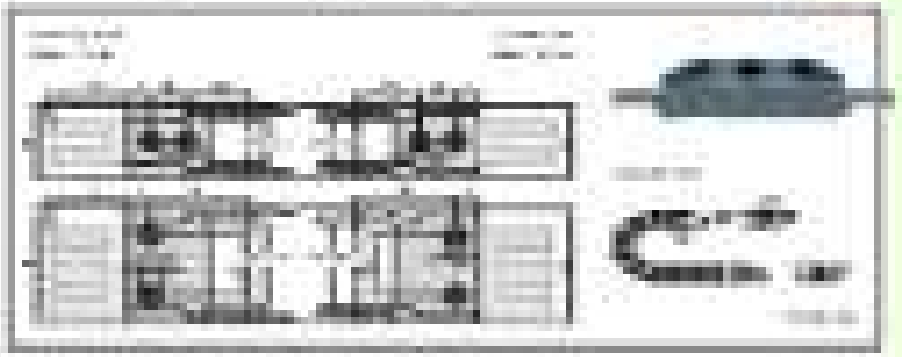


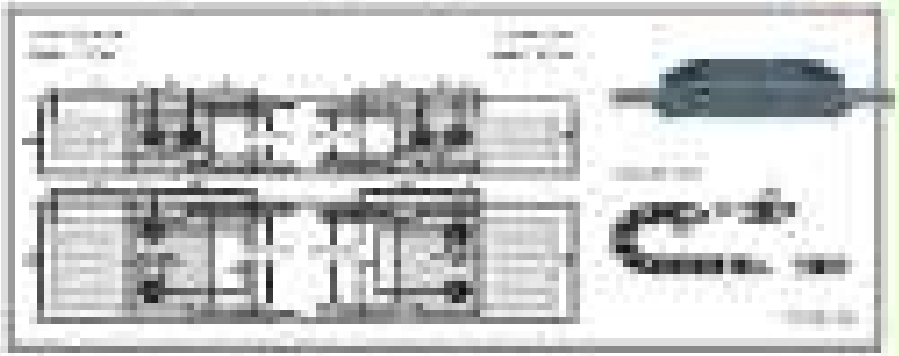


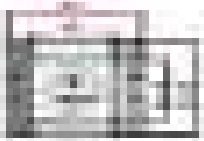


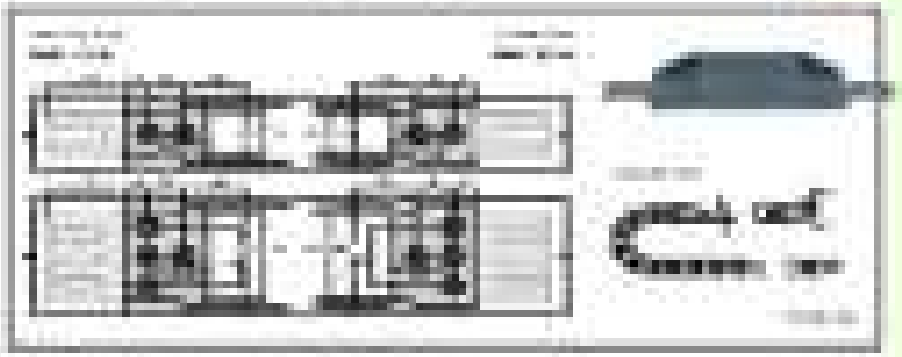


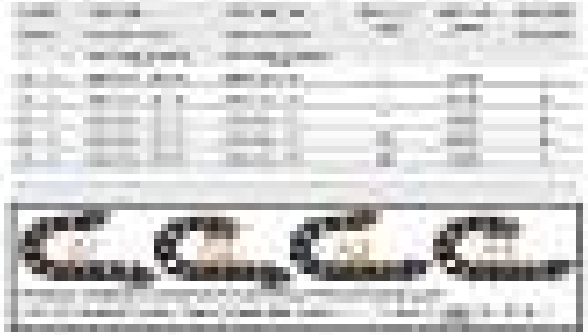


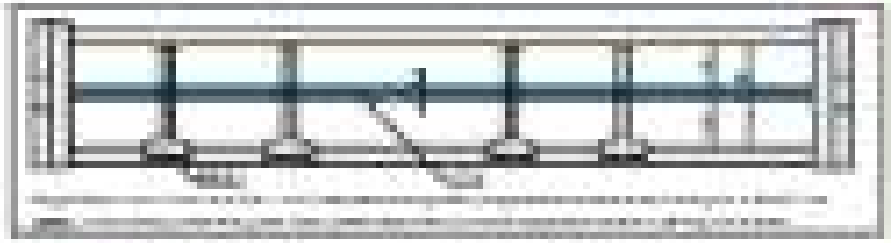


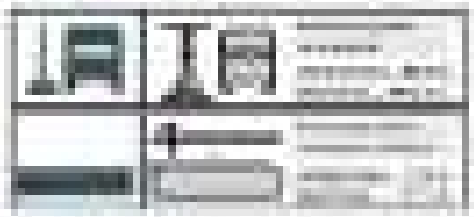


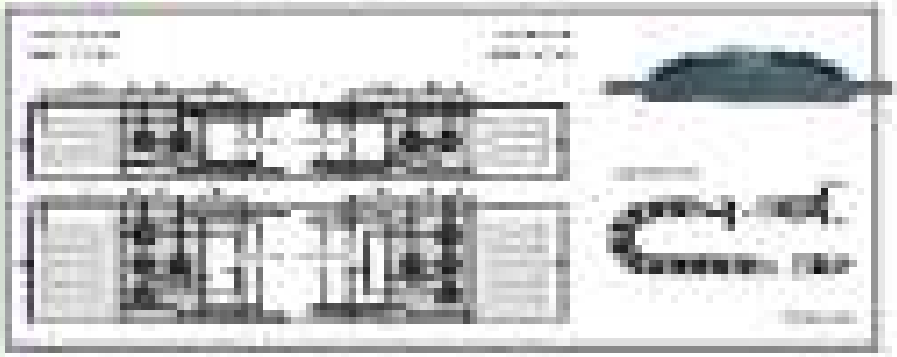


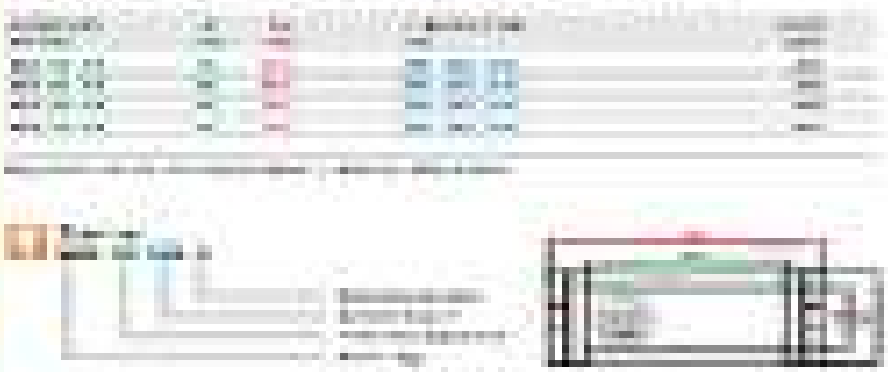


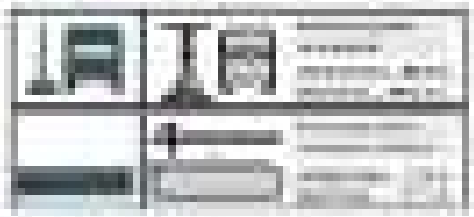


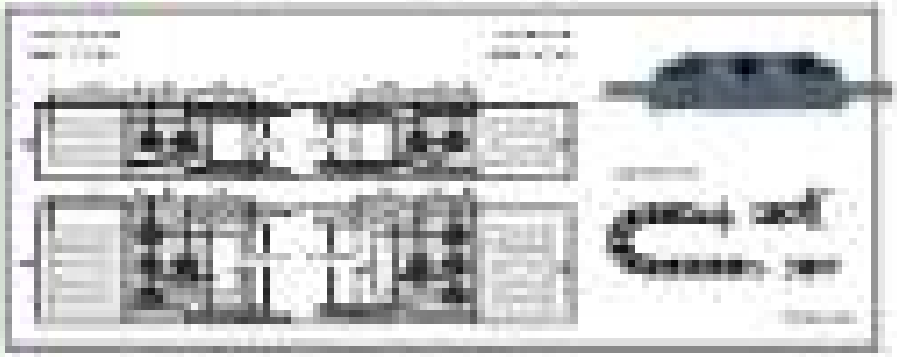










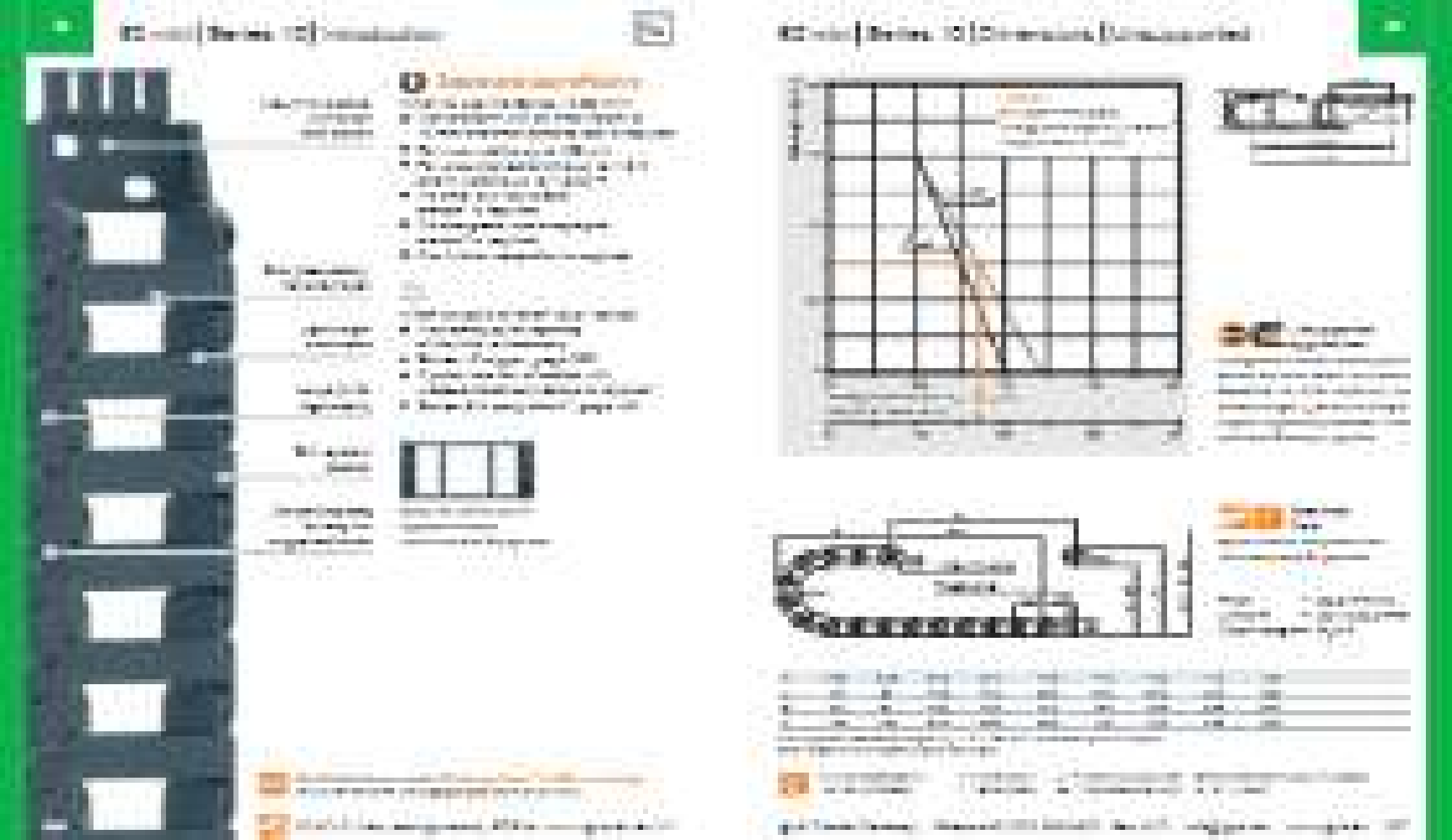


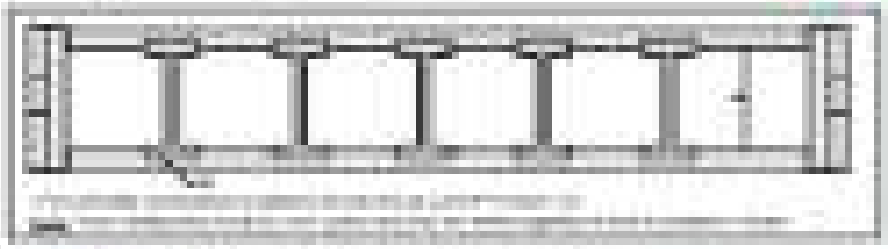
igus®

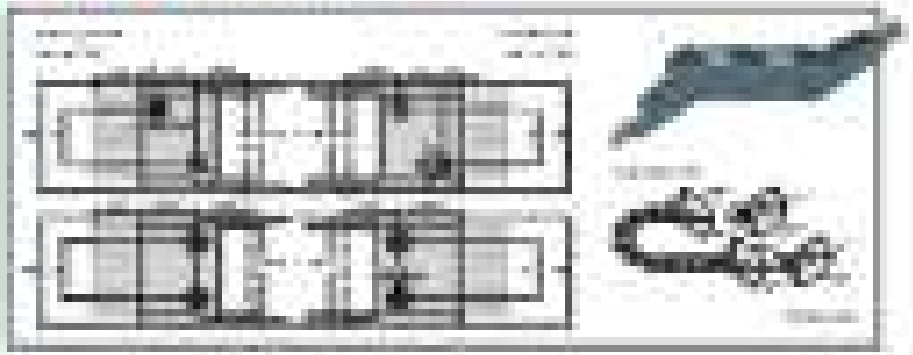
E2 mini

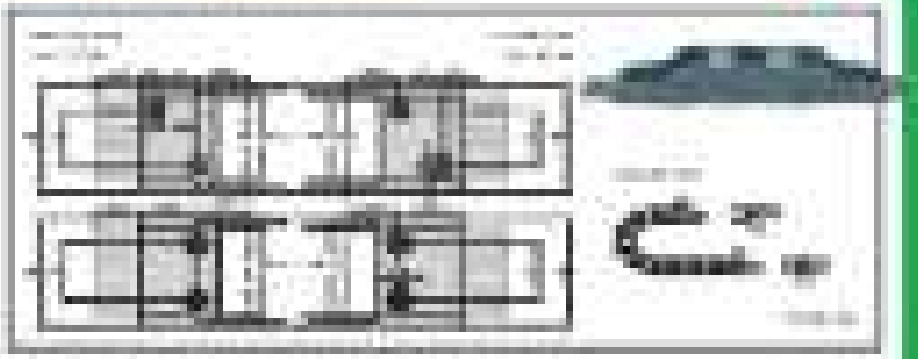
Small and medium sizes

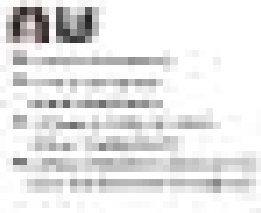
Small and medium sizes 62 mm

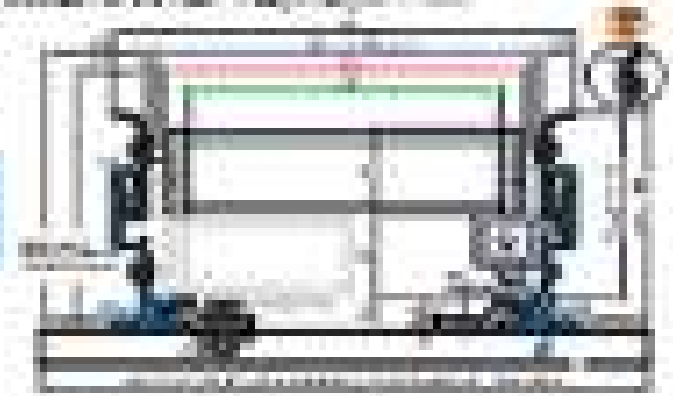


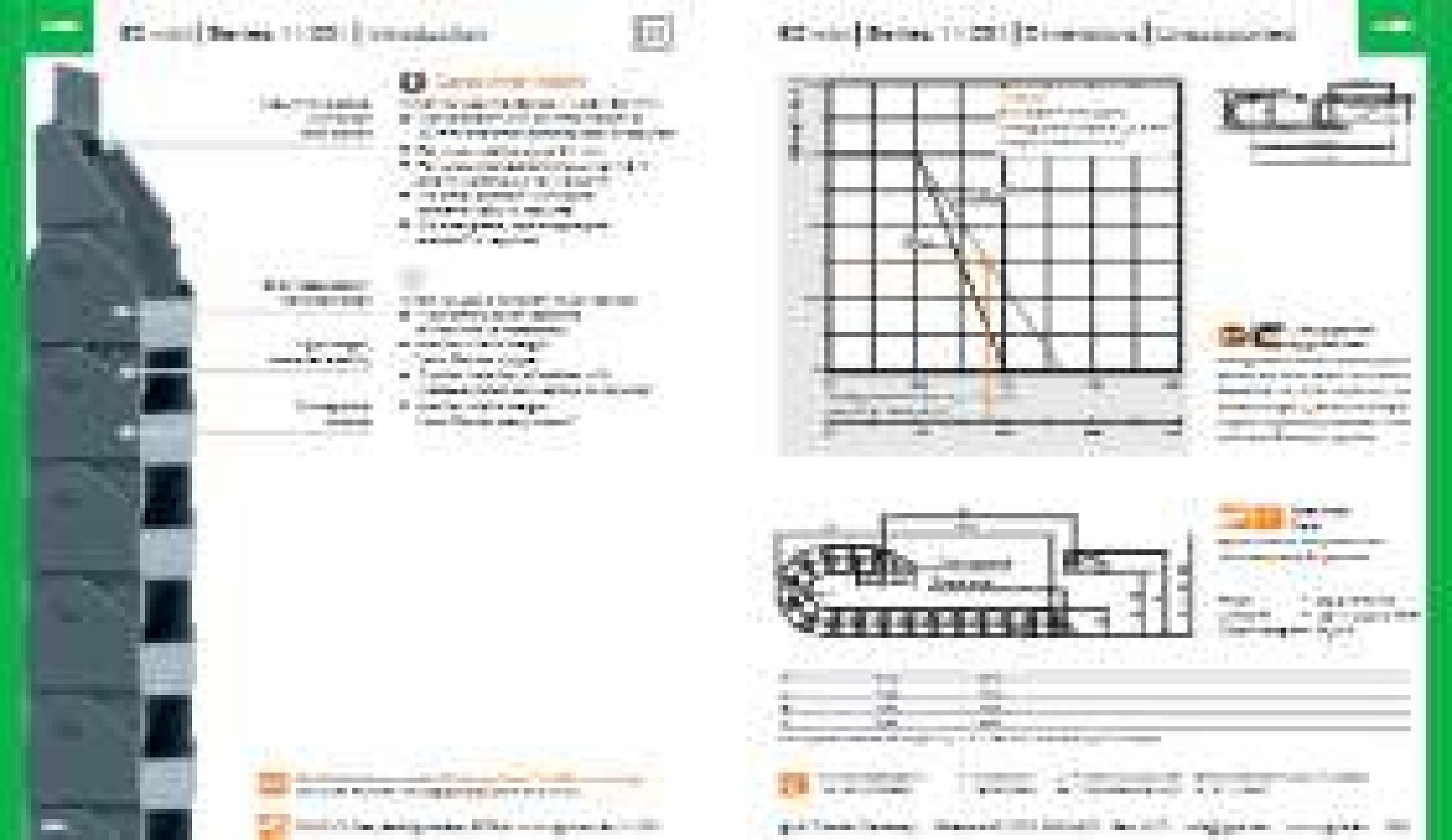


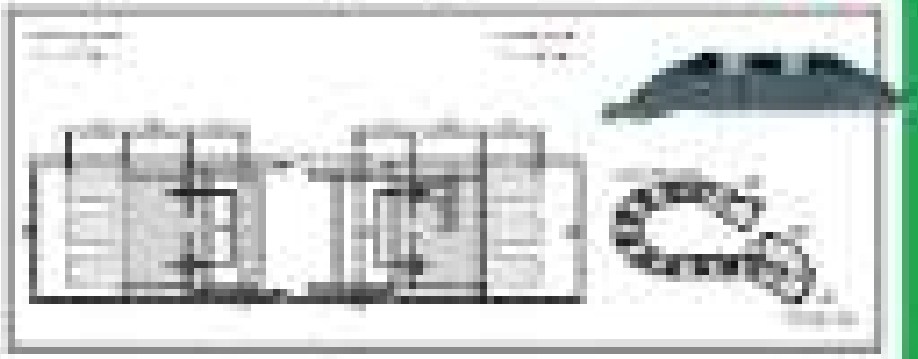


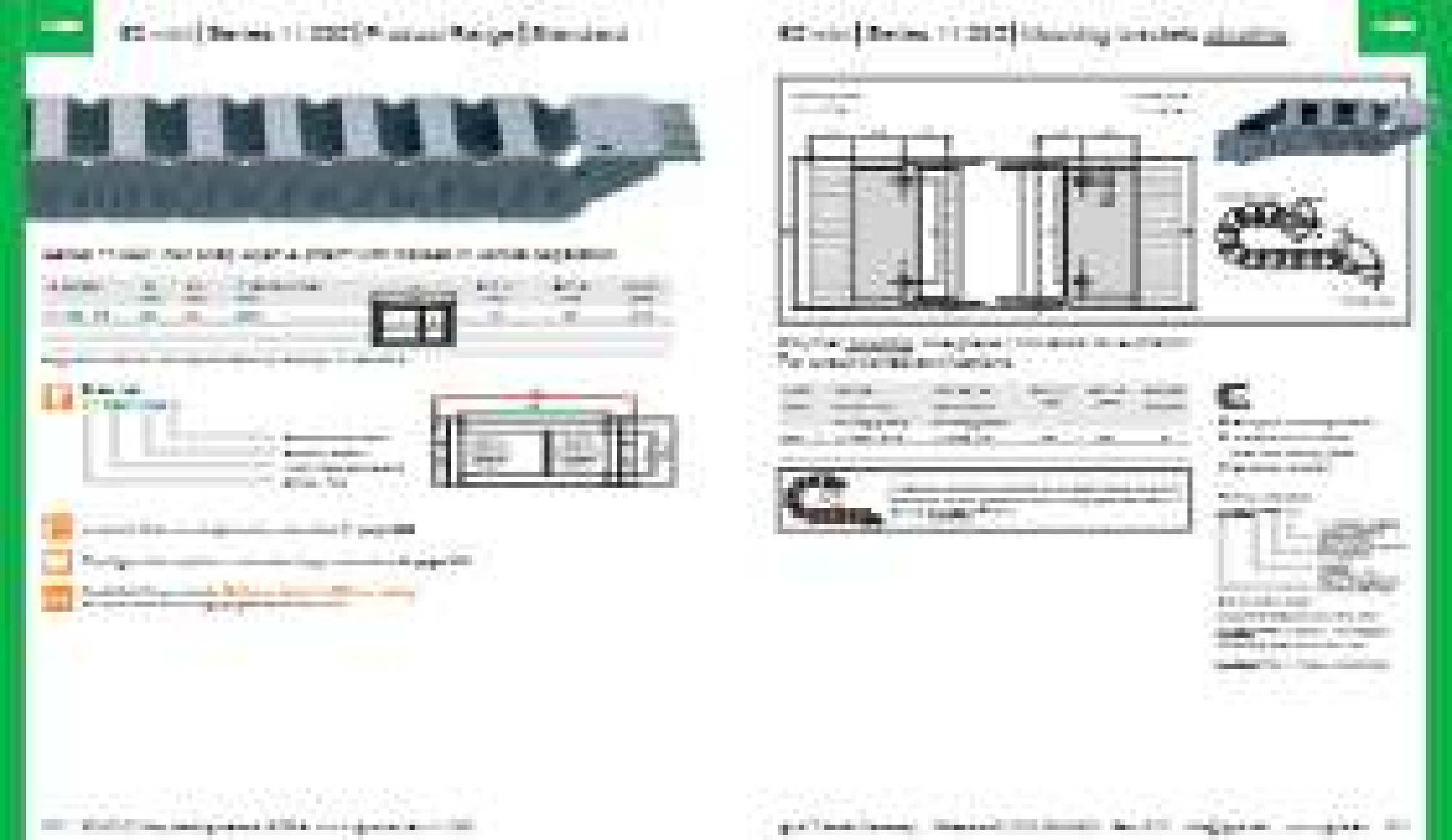


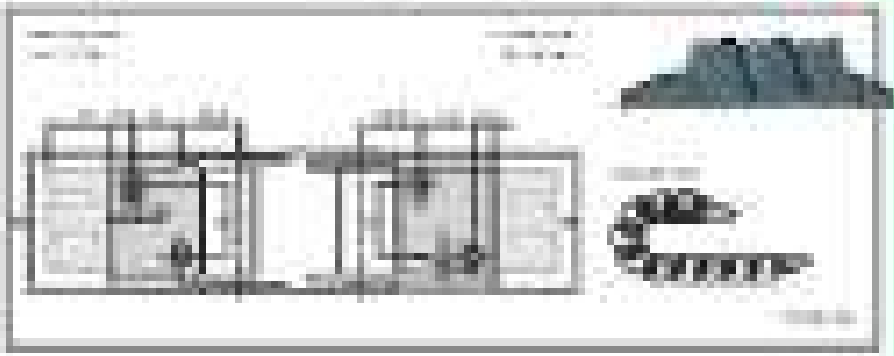


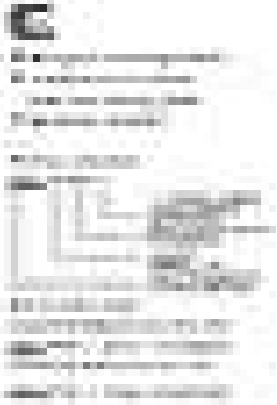


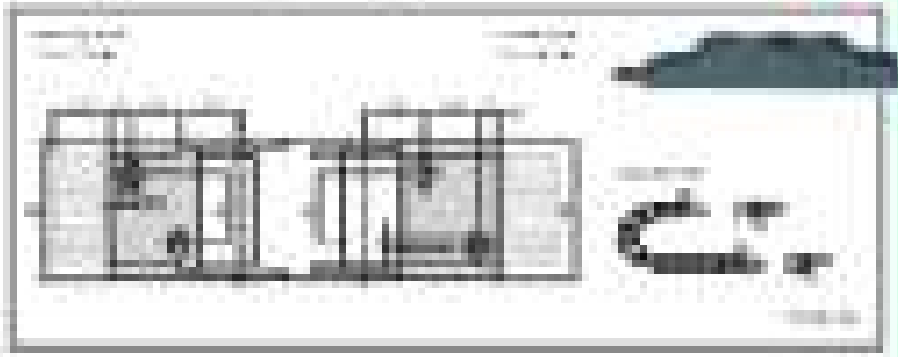


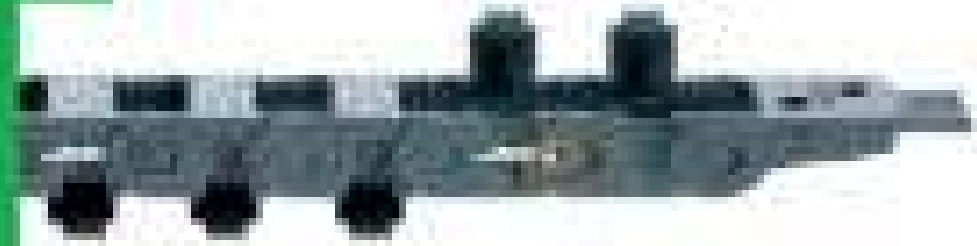


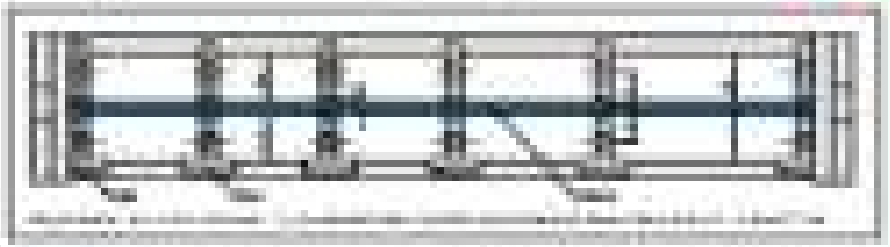


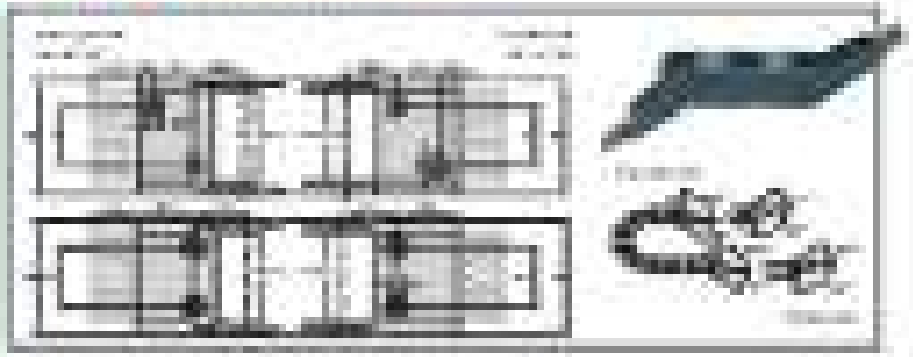


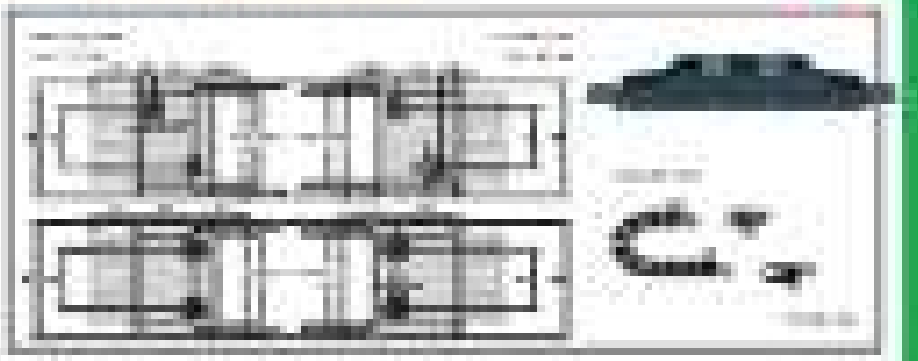


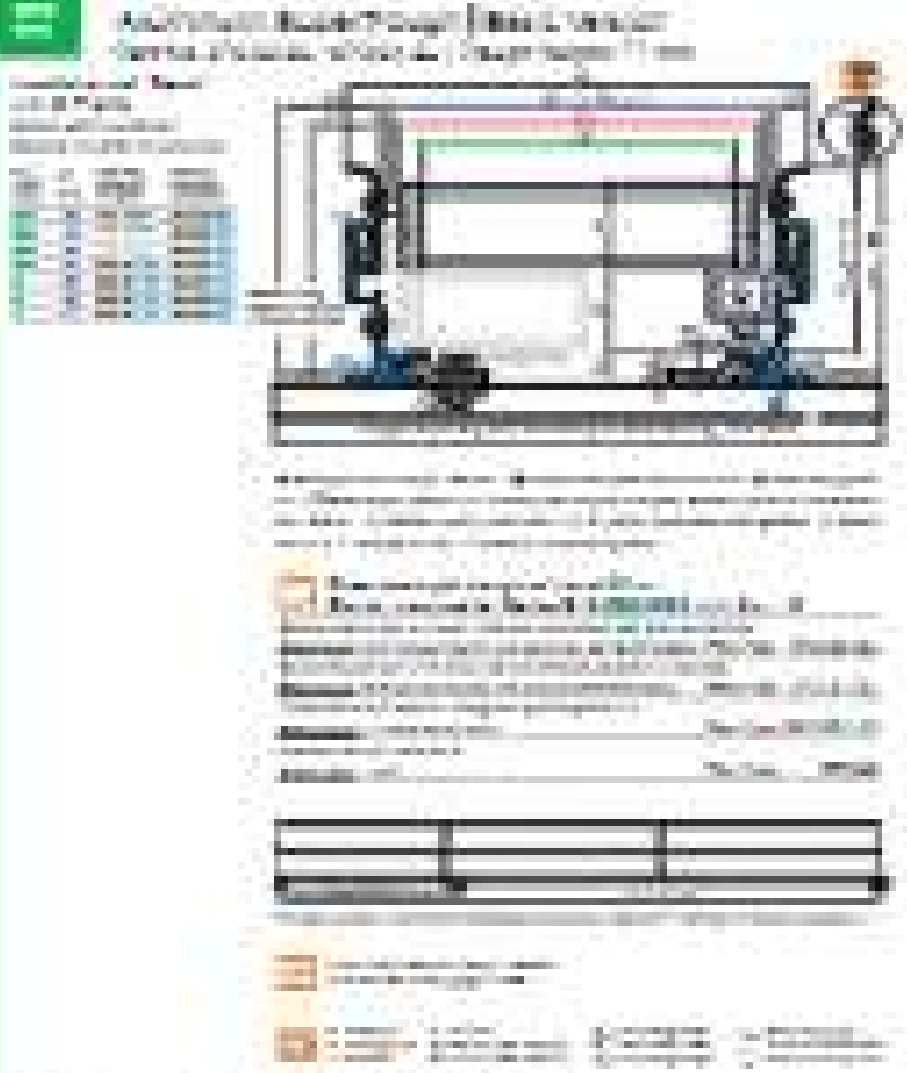


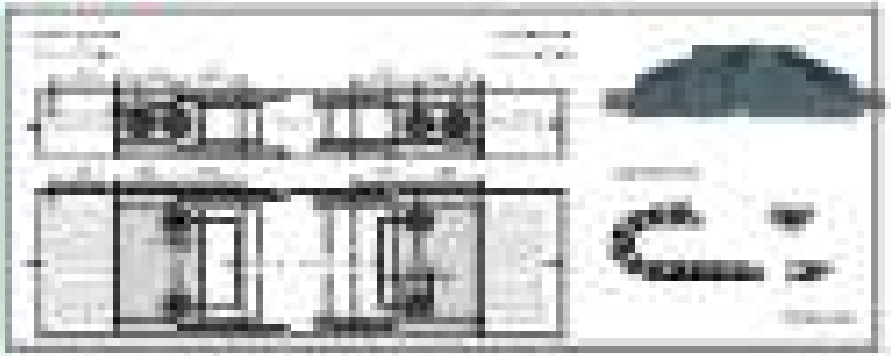


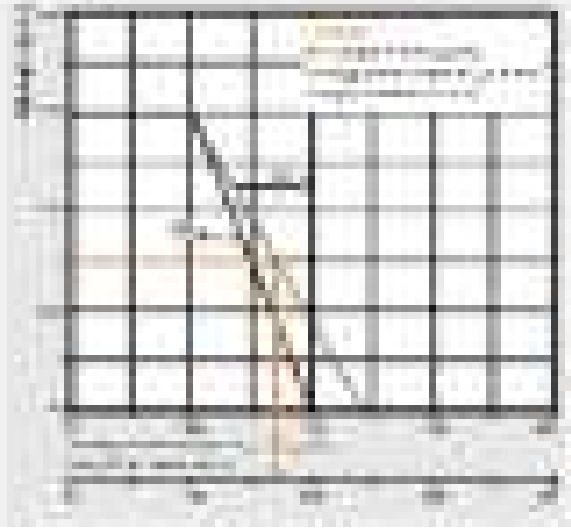


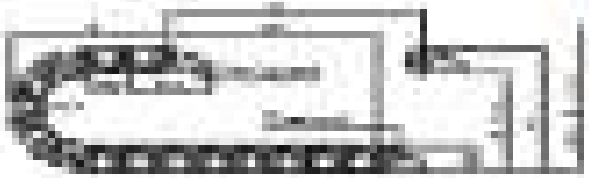


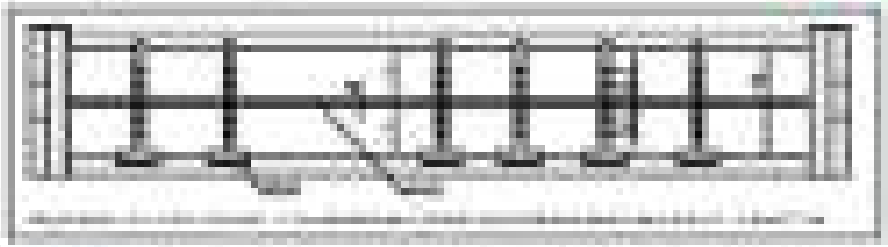


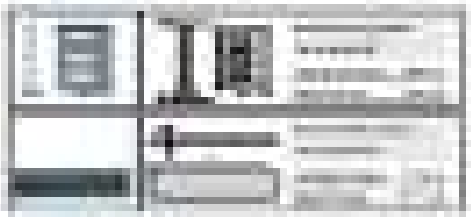


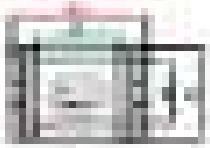


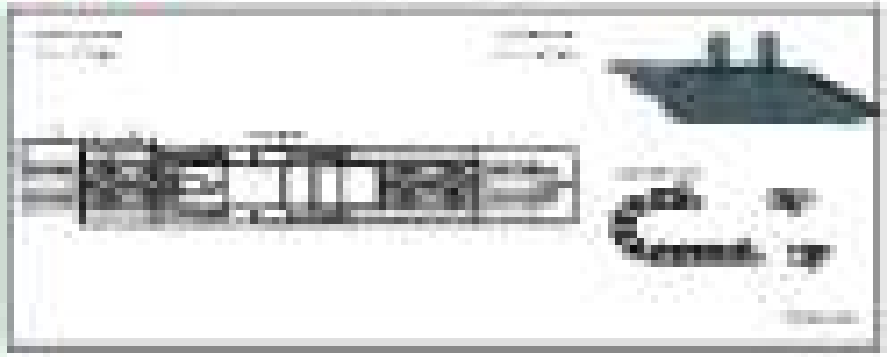


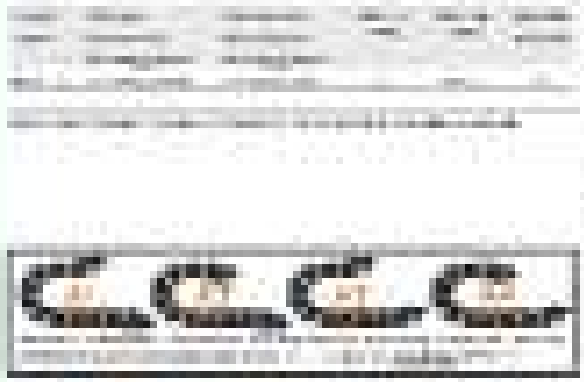












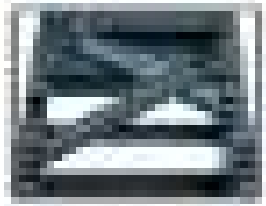
igus®

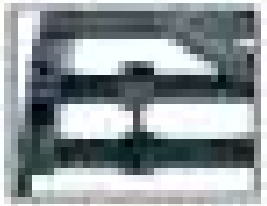
E2/000

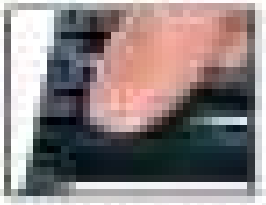
Allrounder e-chain® & e-tube, medium size

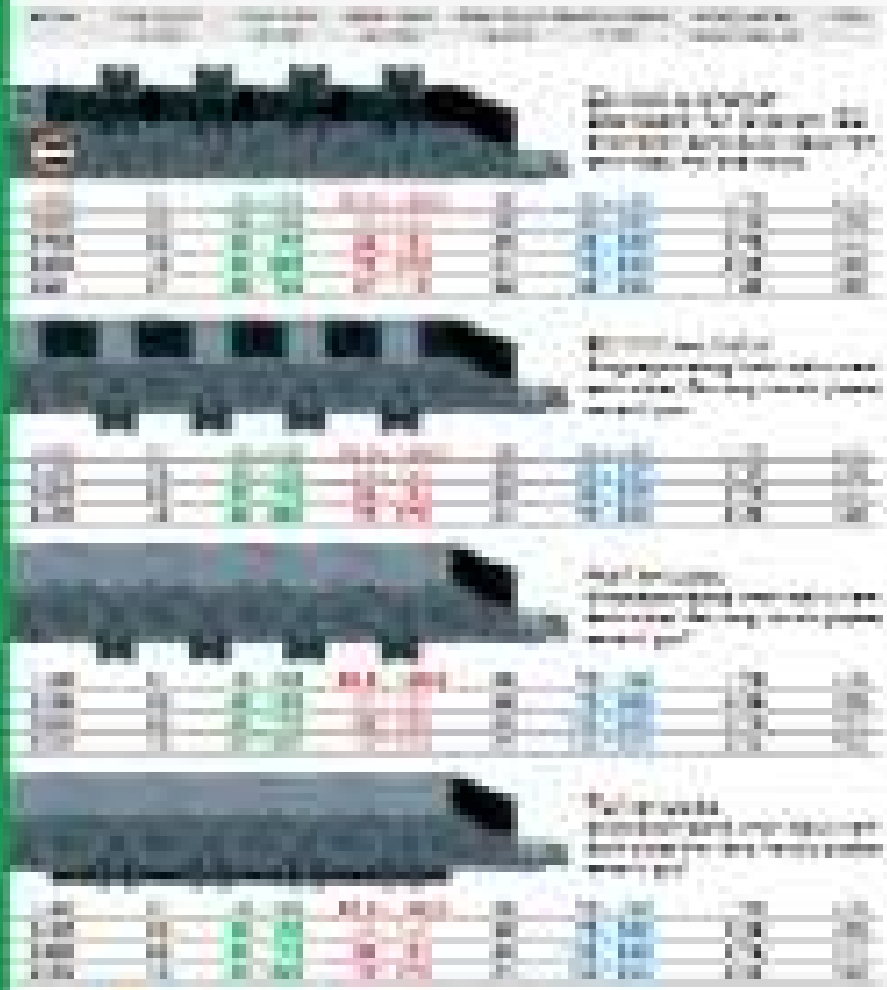
Allrounder with a wide range of applications – System 820/1000

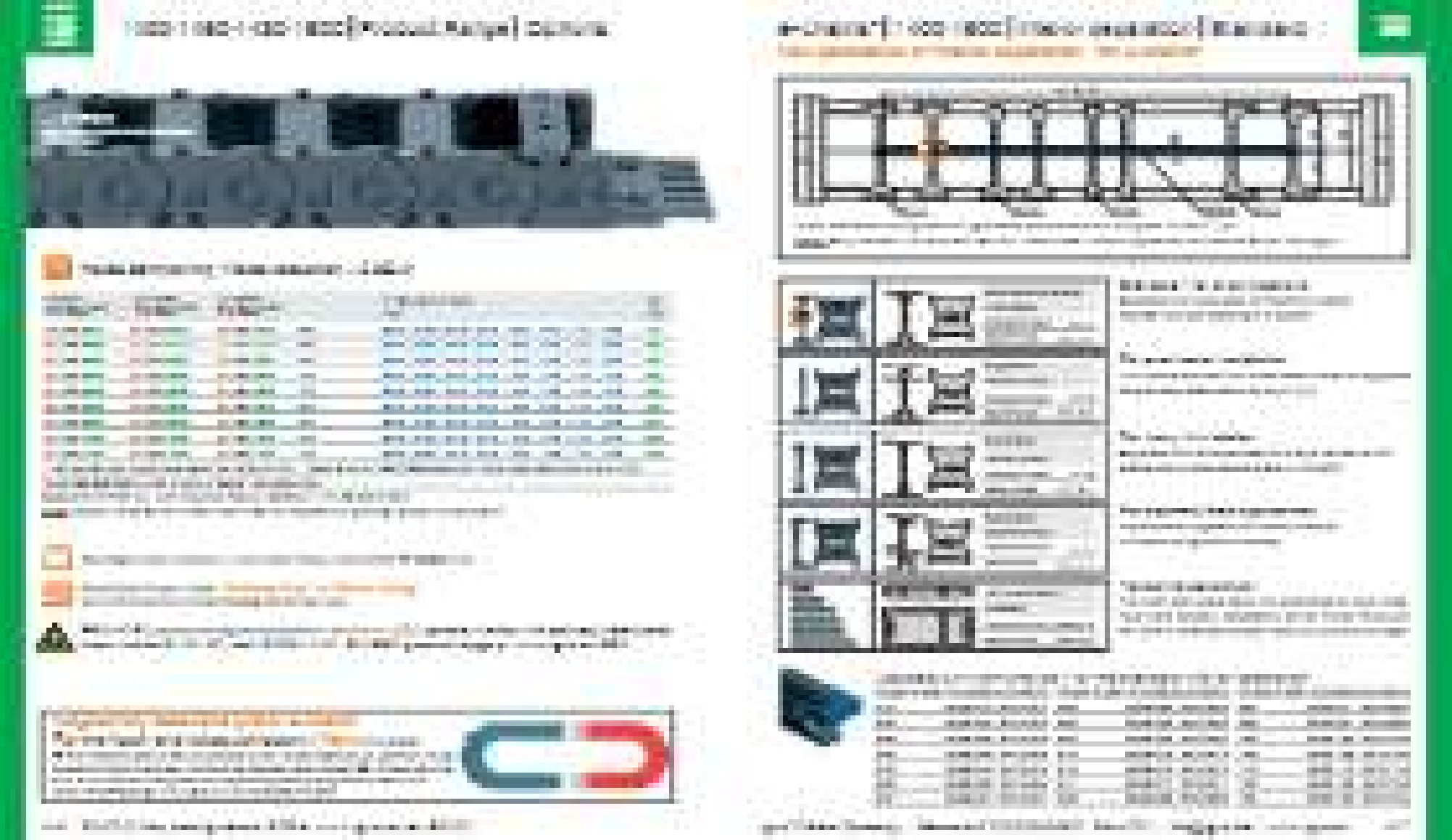
820/1000 features

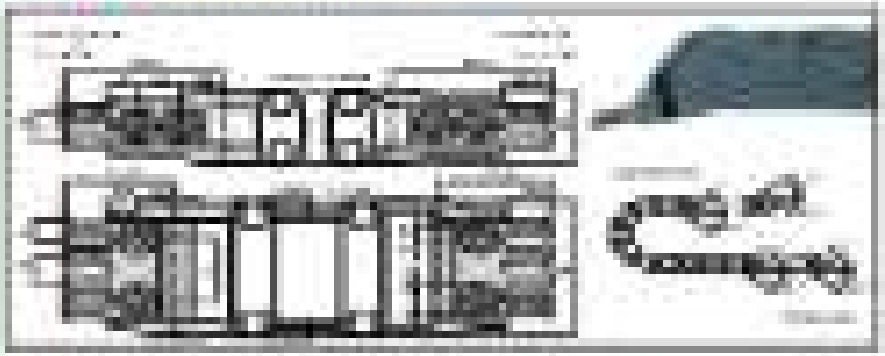


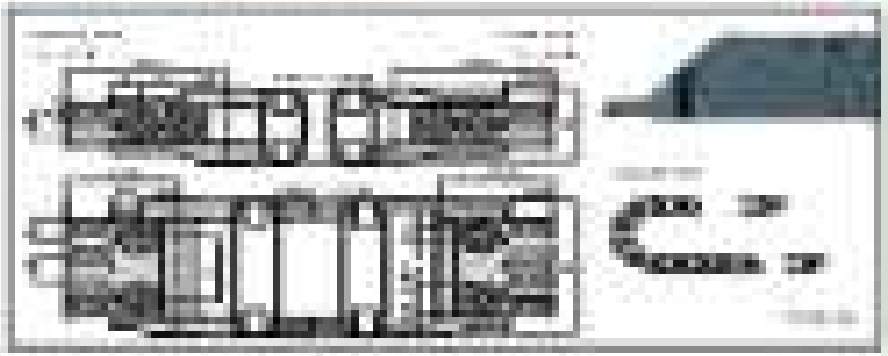


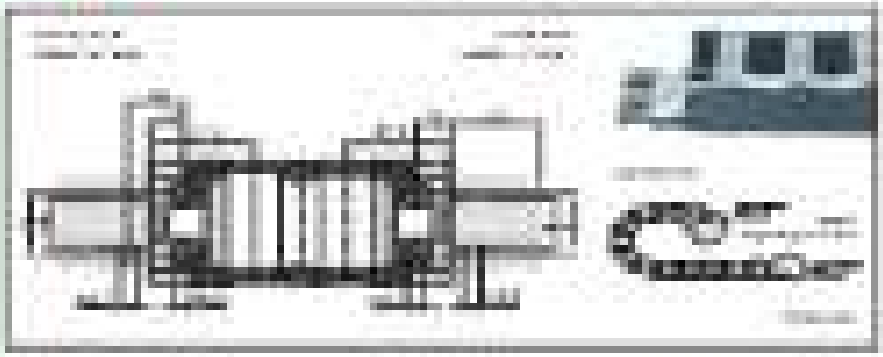


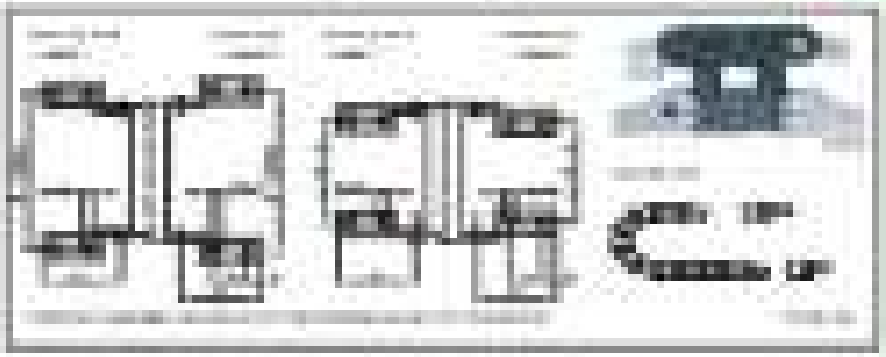


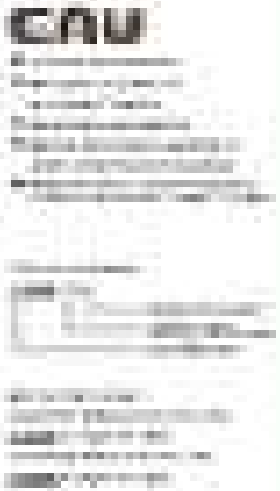


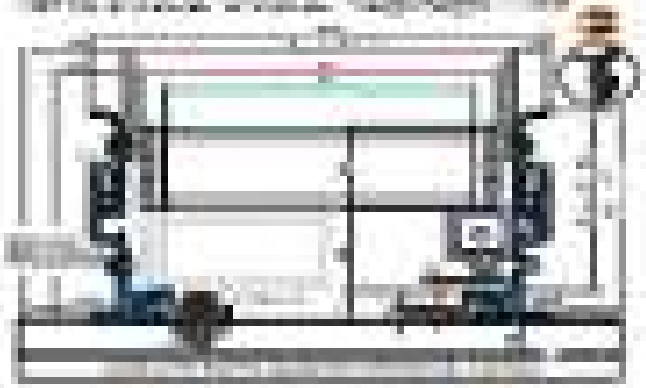


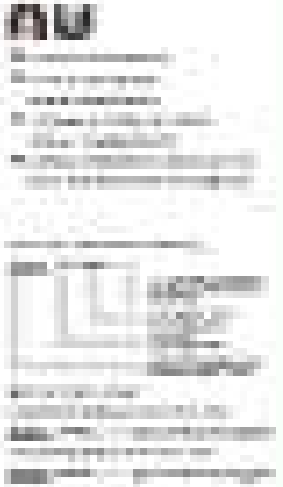


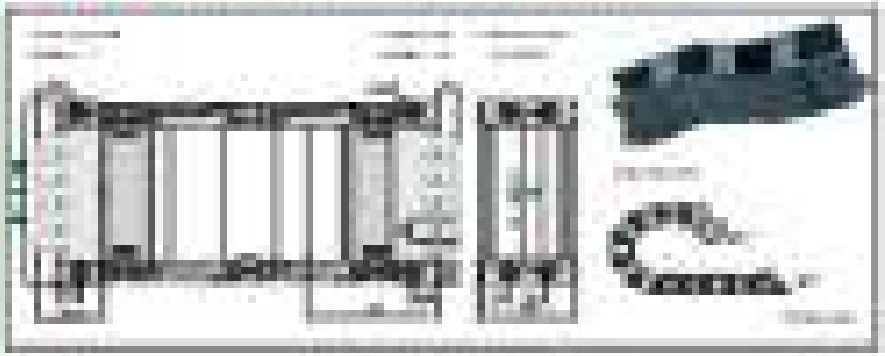


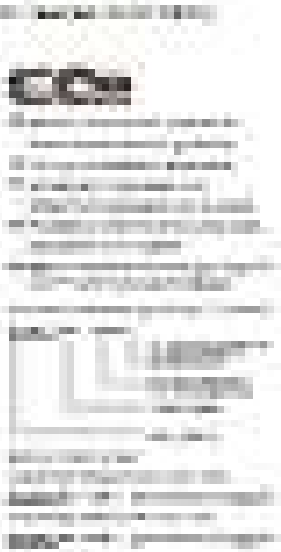


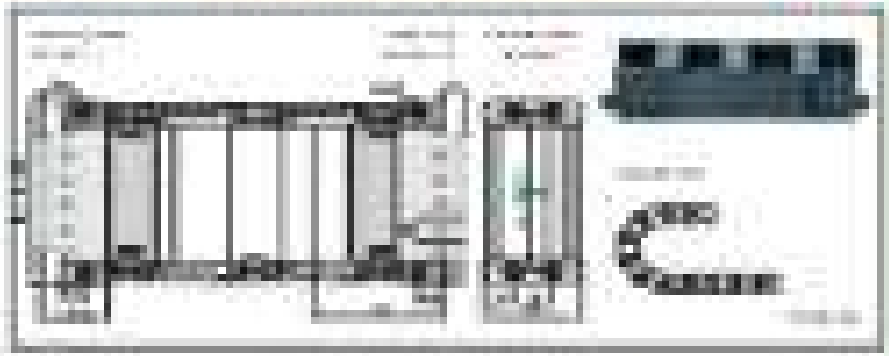


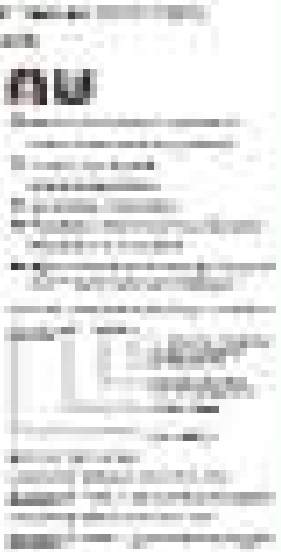


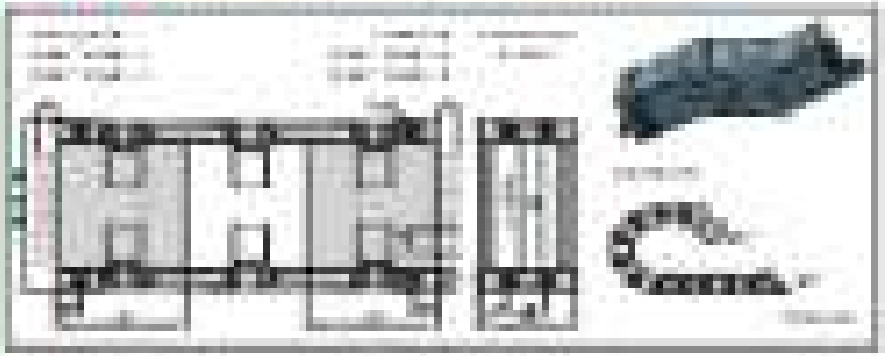


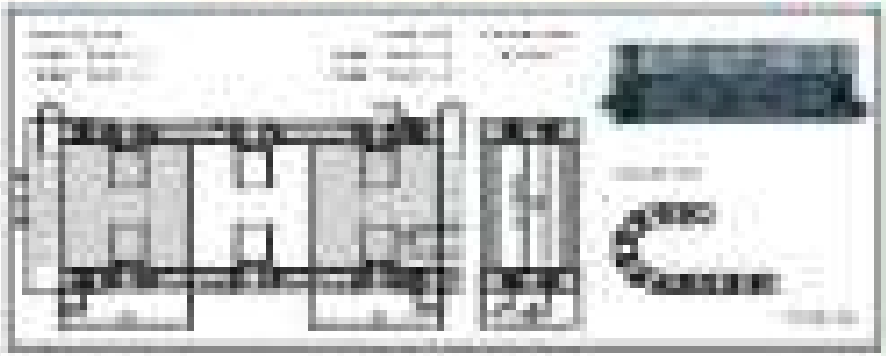


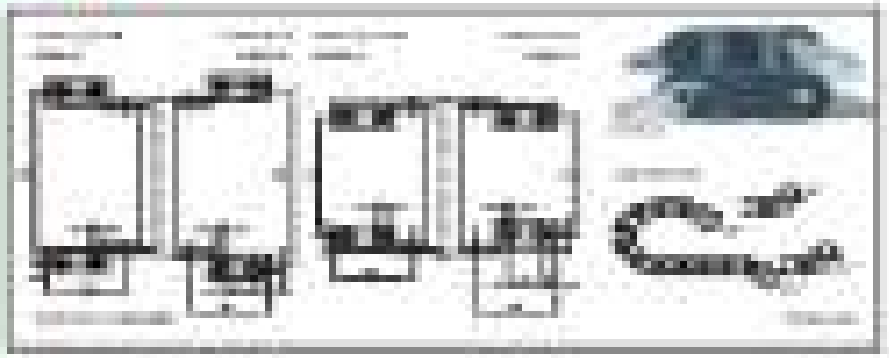


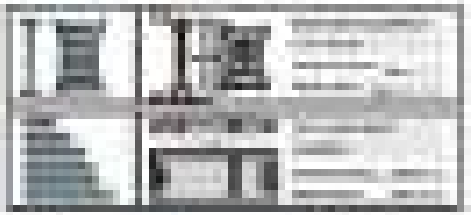


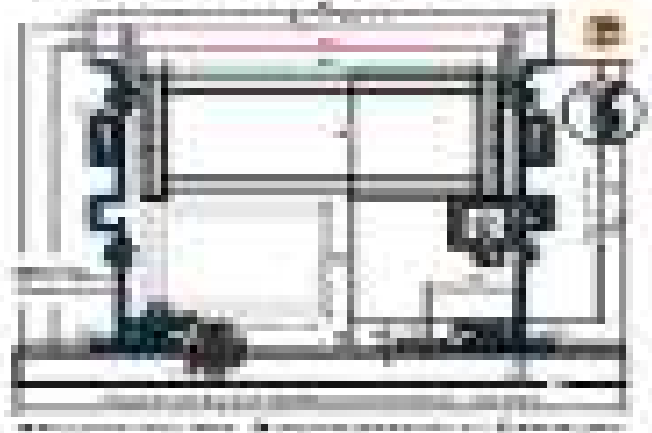


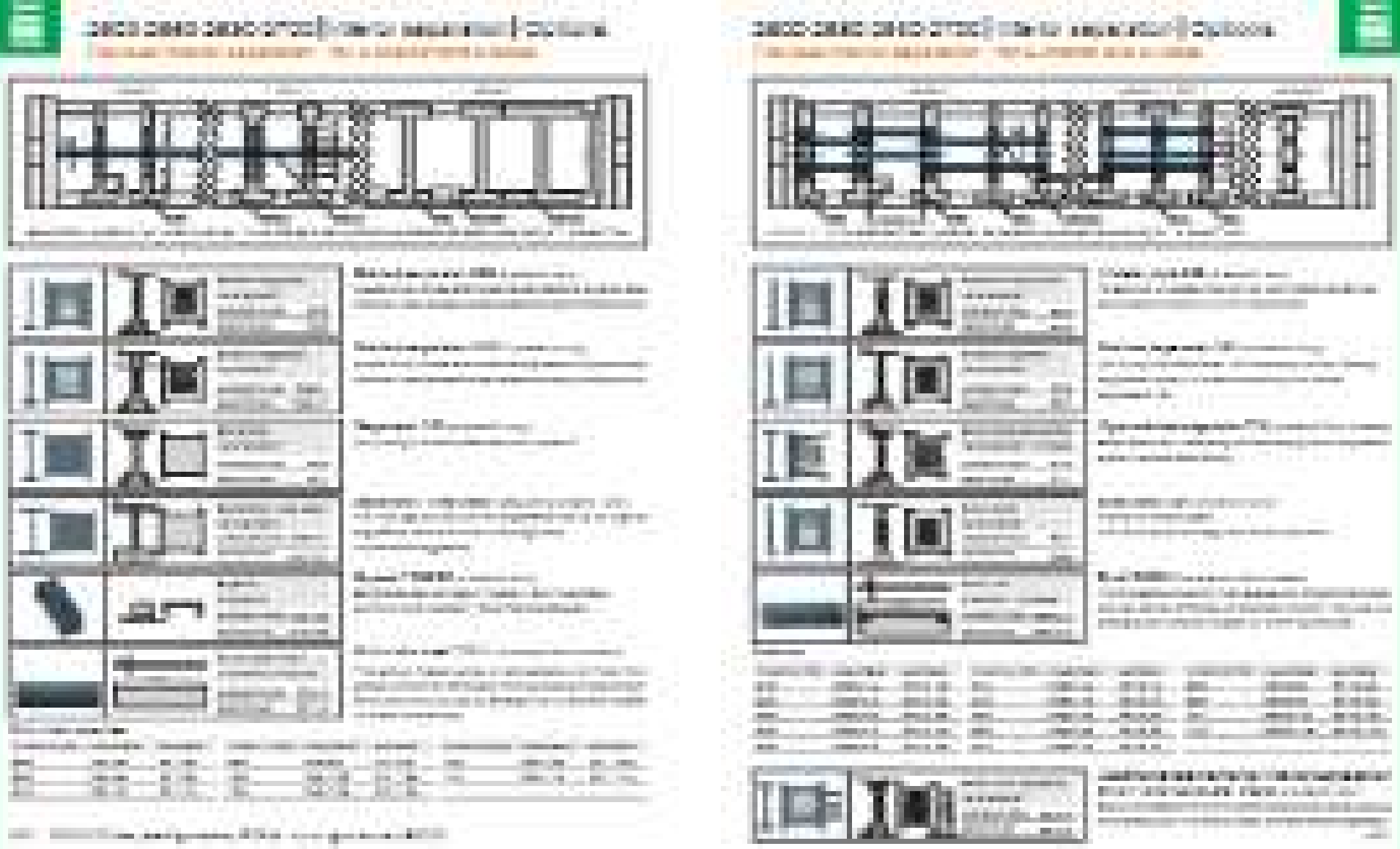


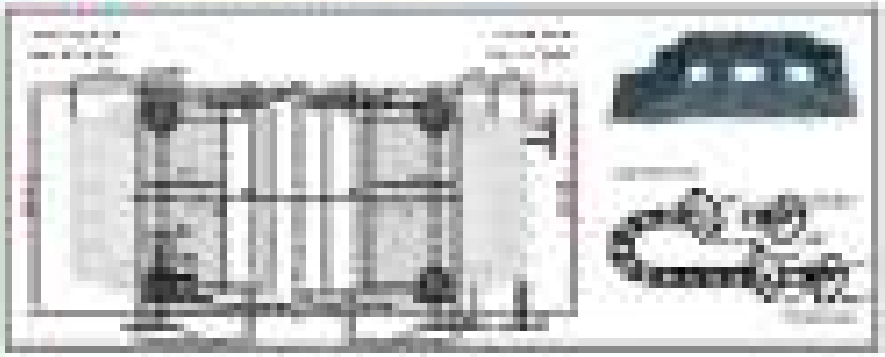


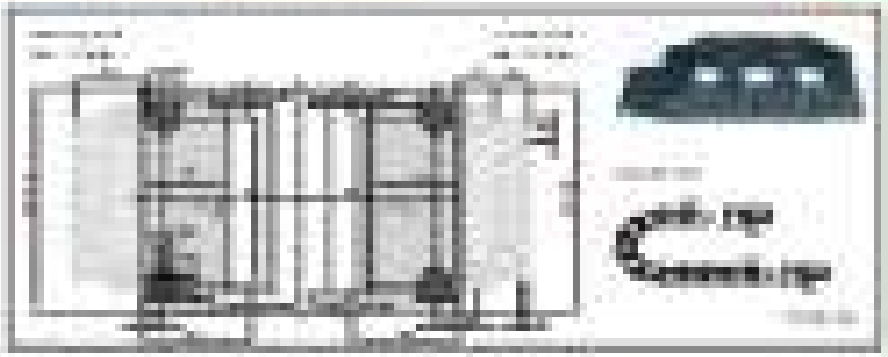


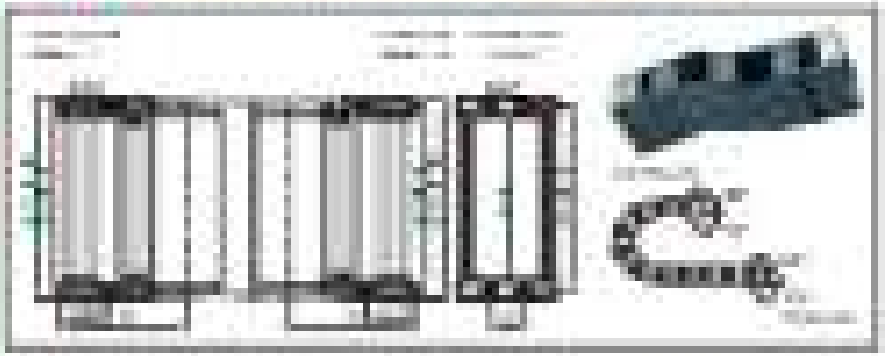


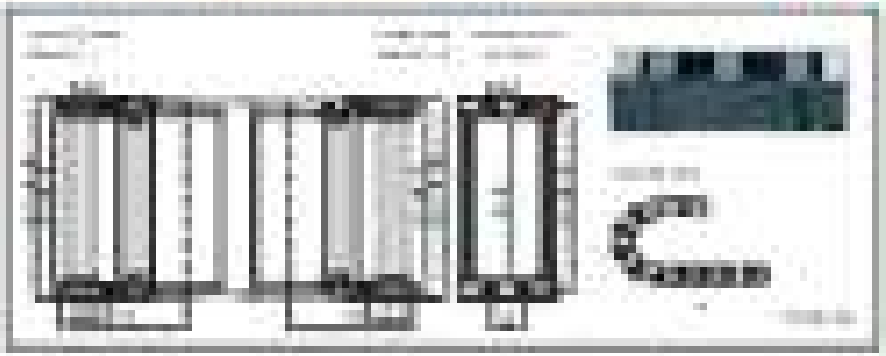


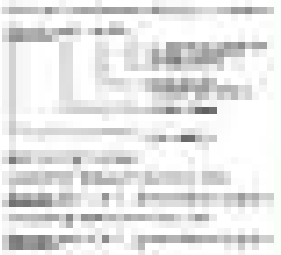


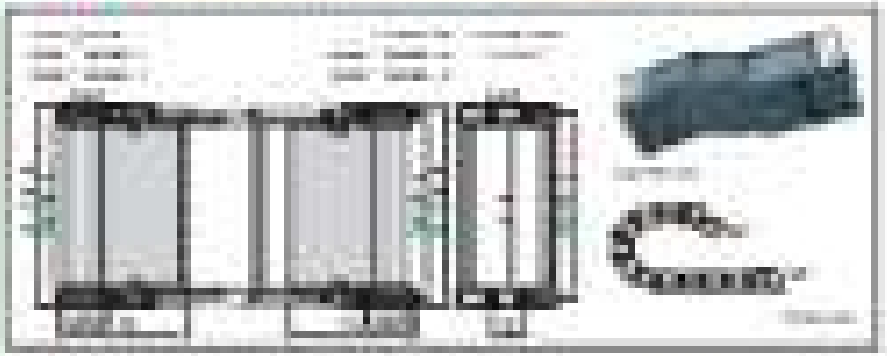


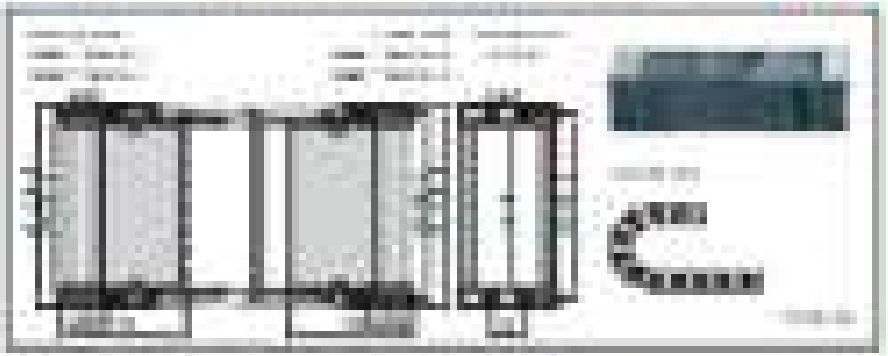


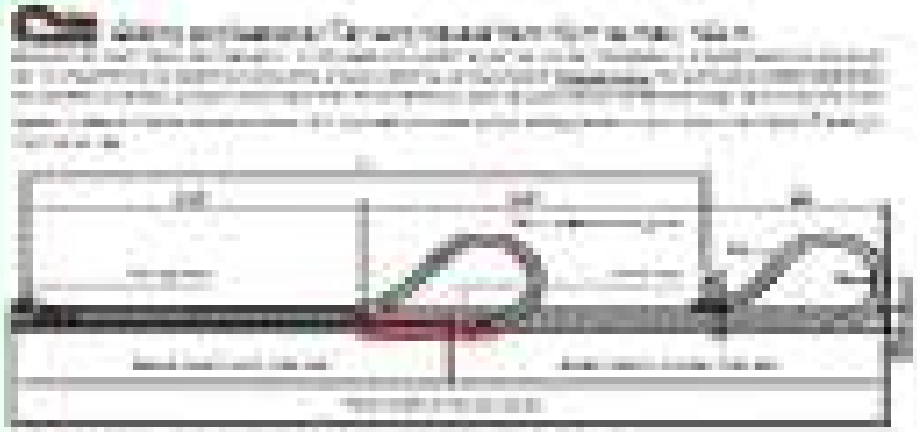


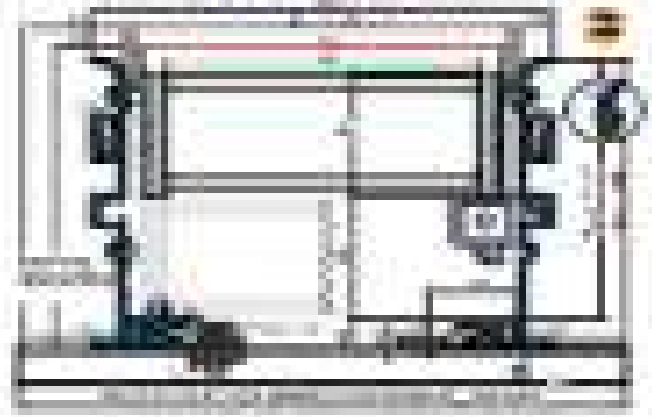












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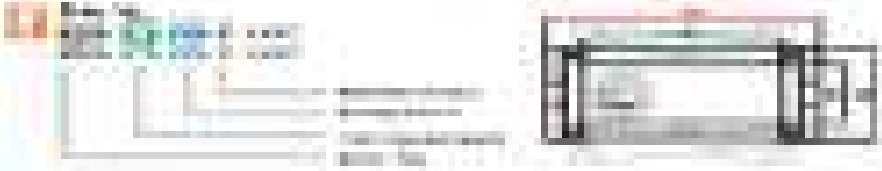

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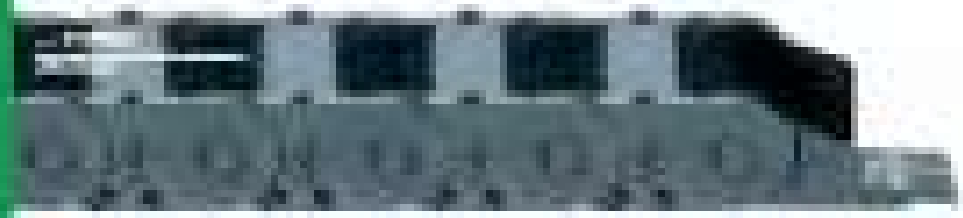

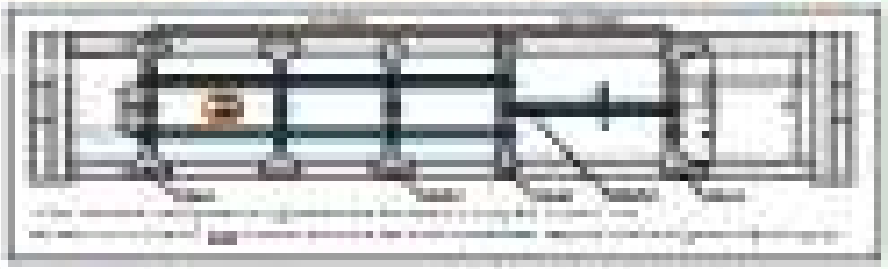

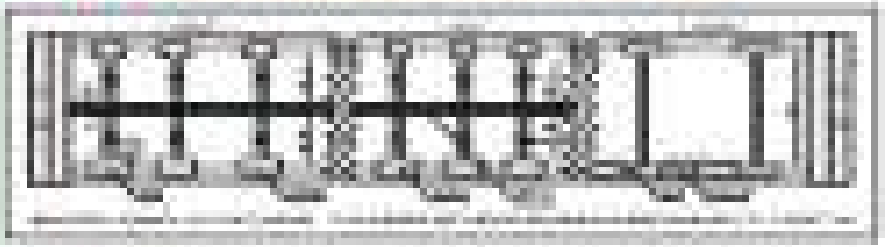

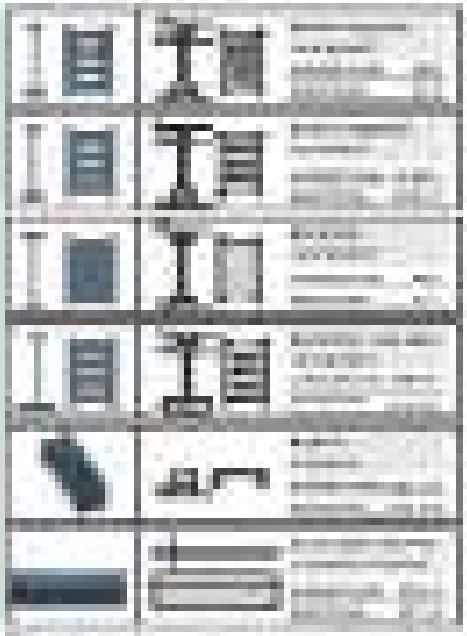

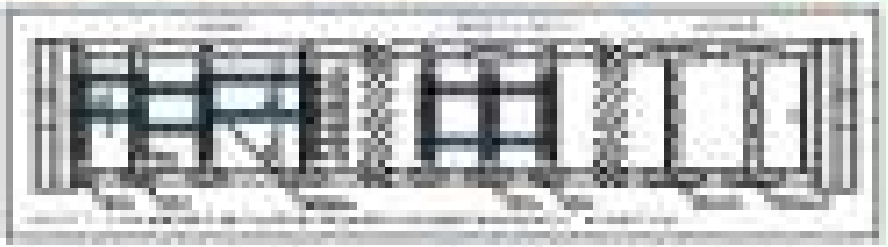

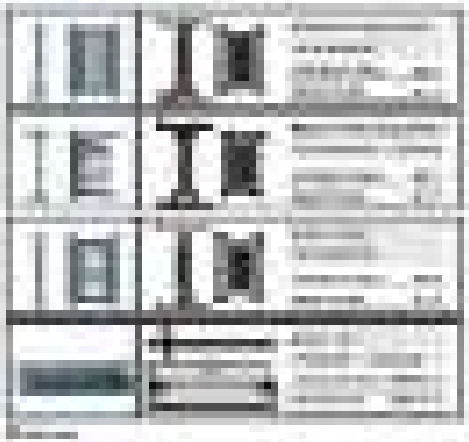

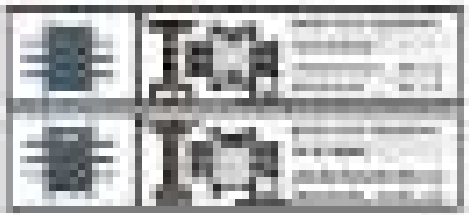

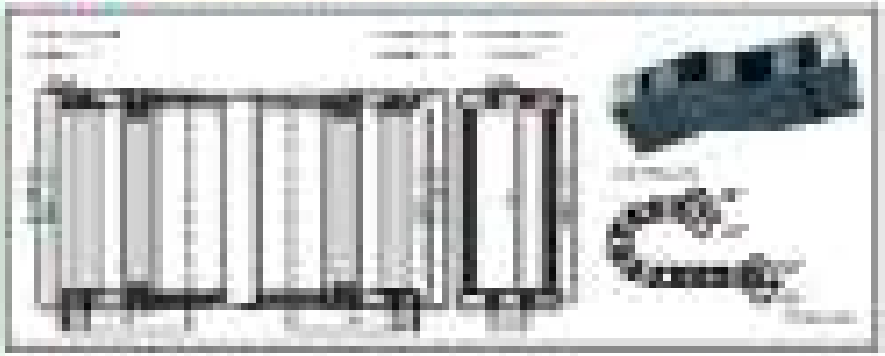

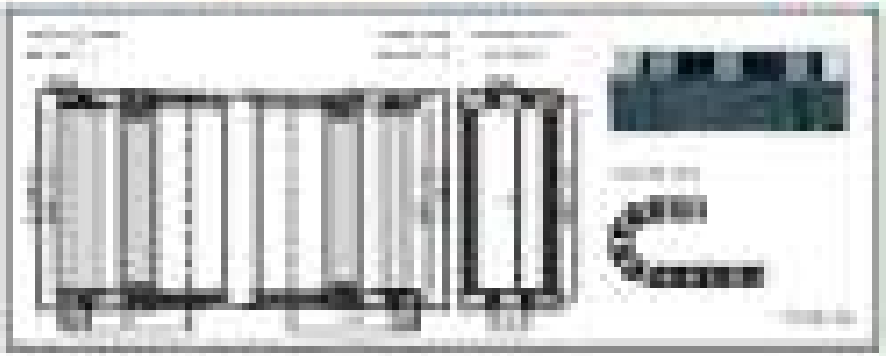

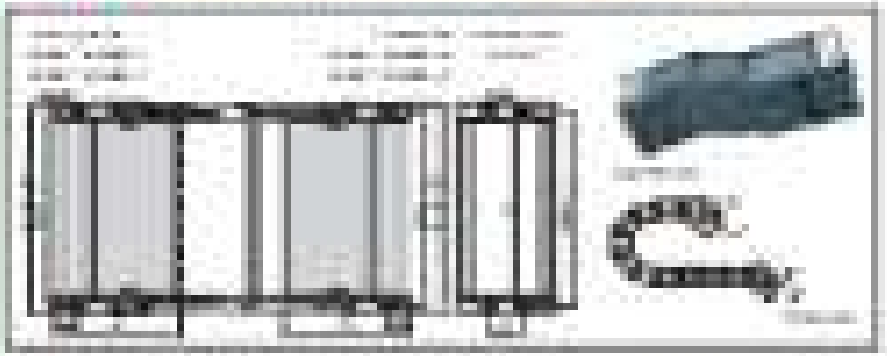

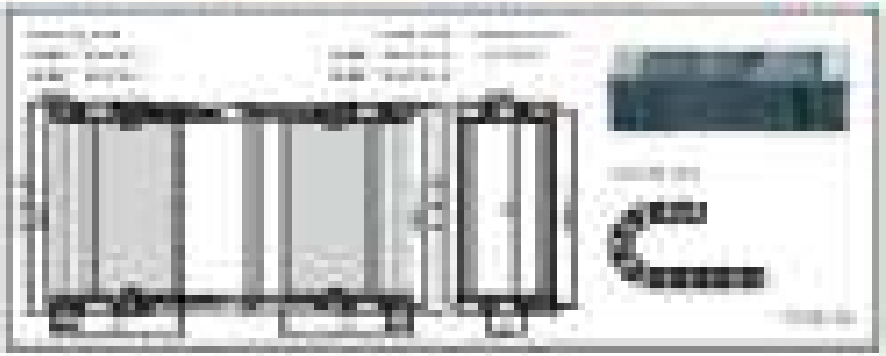

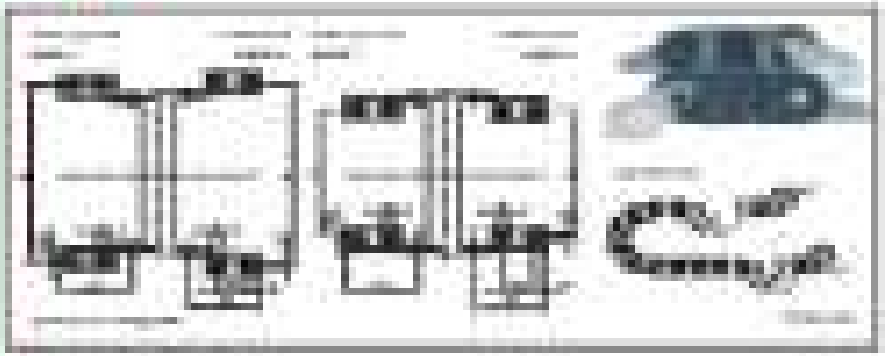

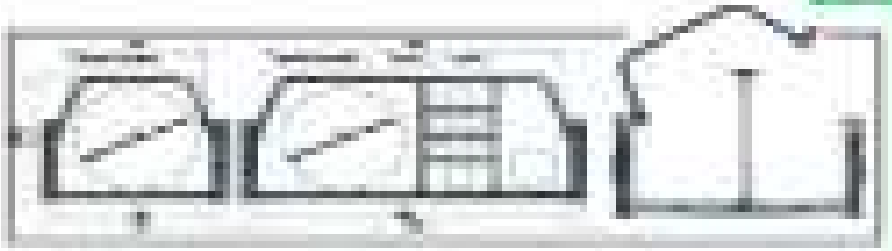

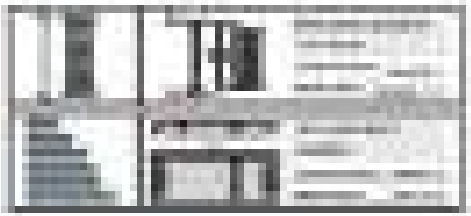

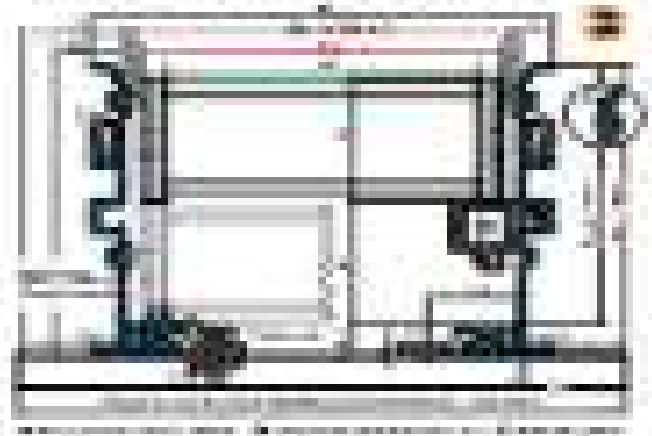

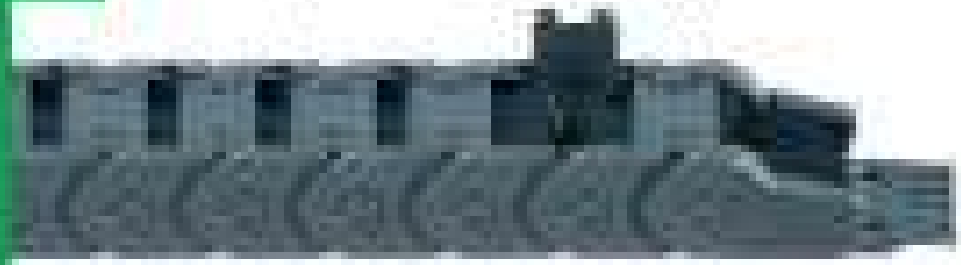

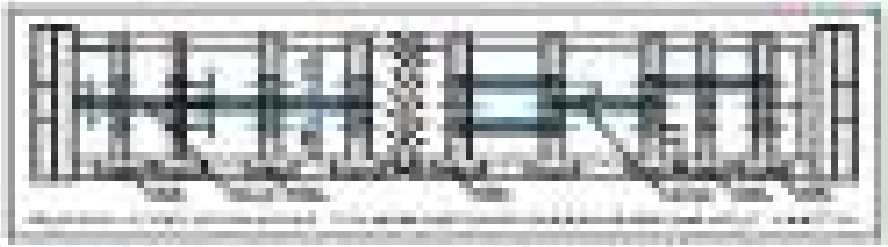

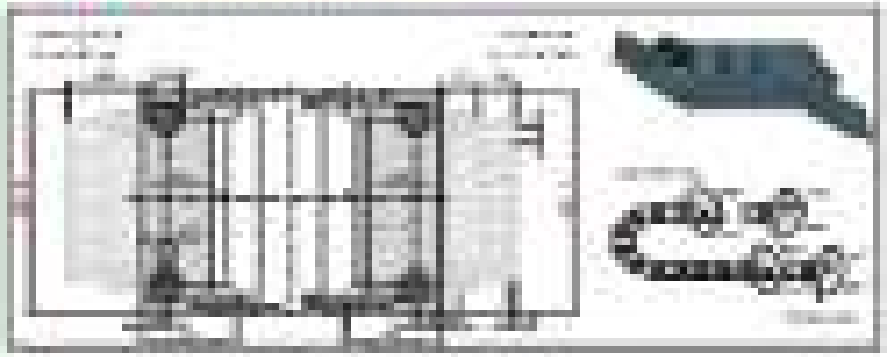

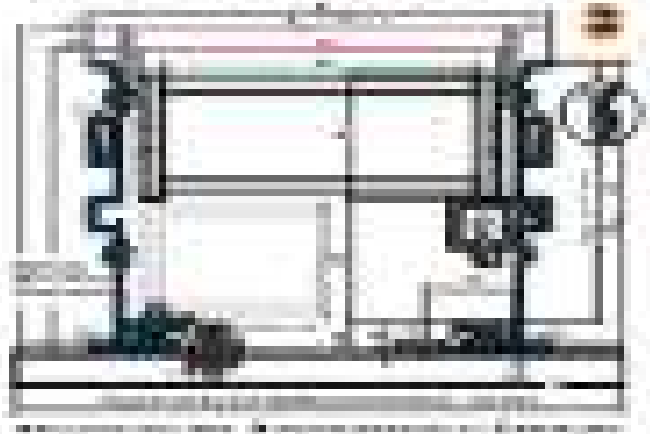

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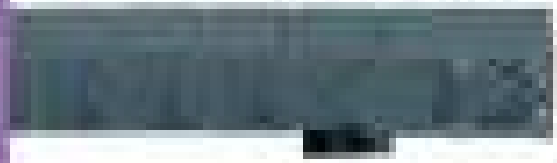
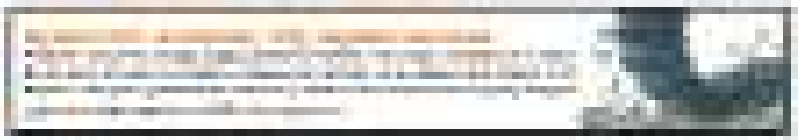
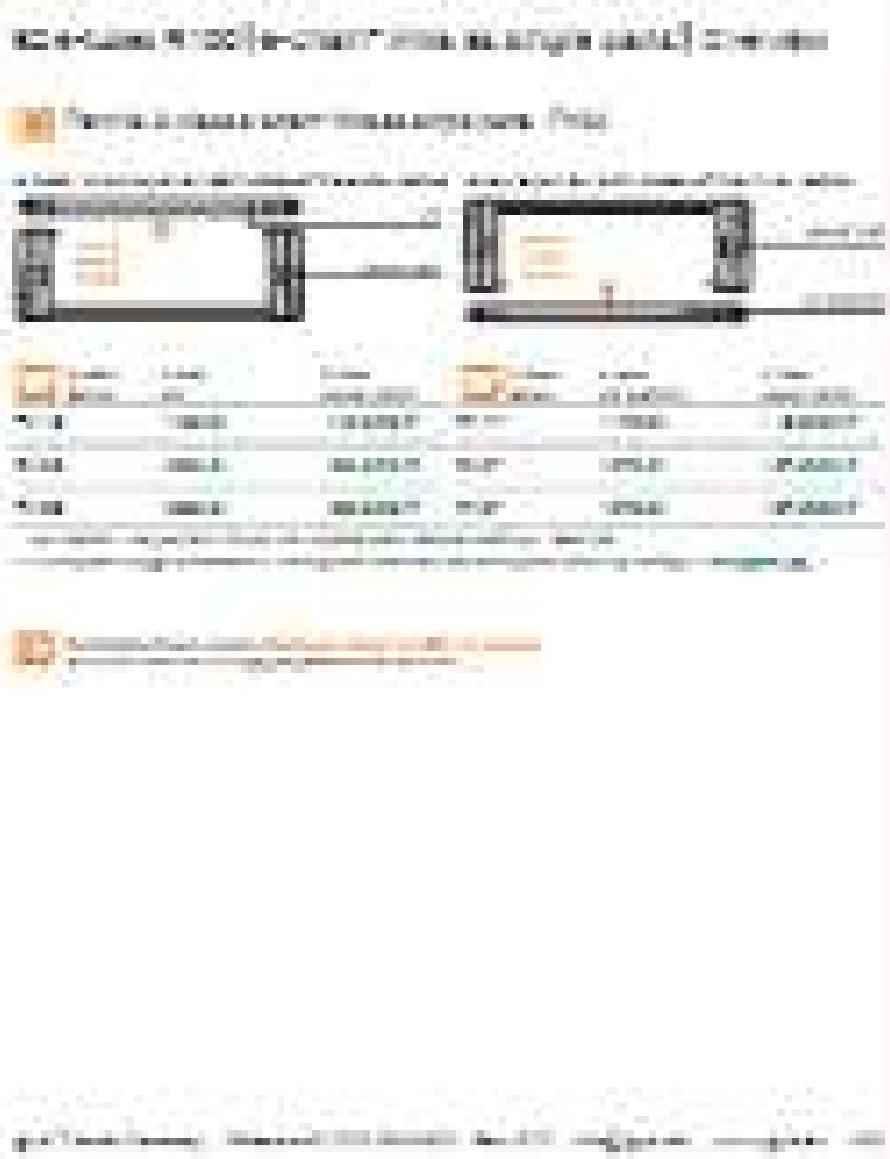
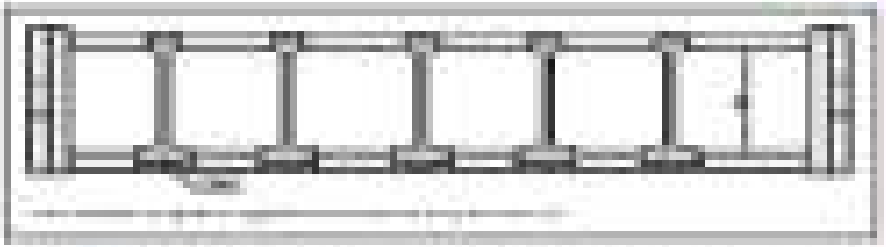
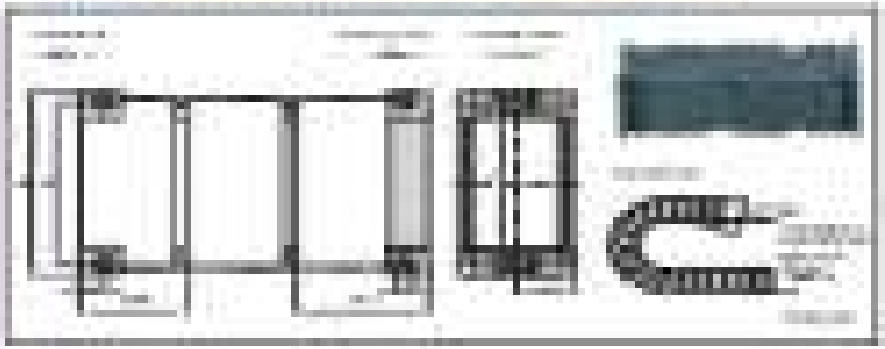
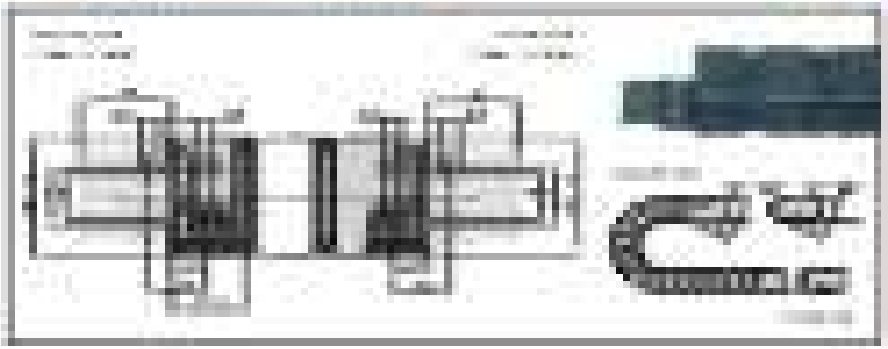


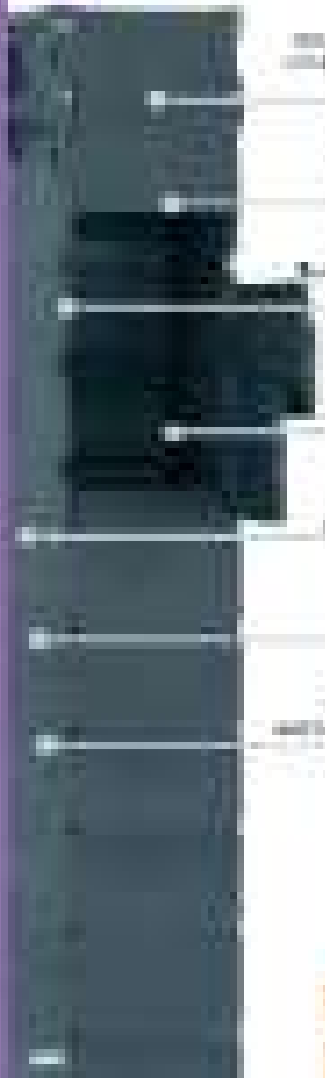


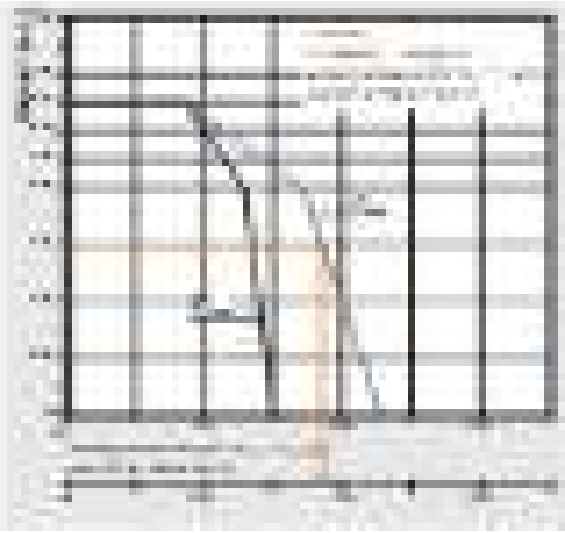


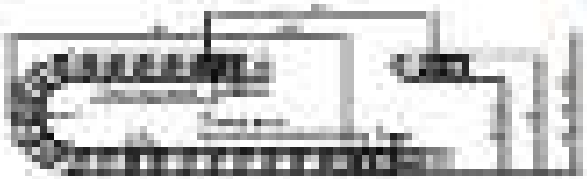


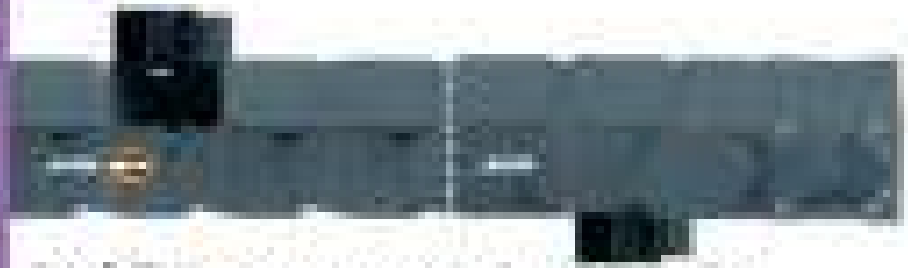


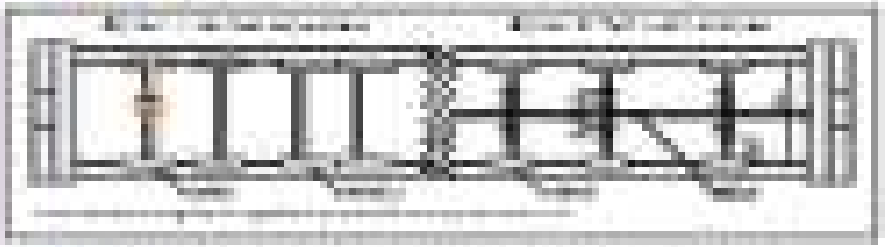


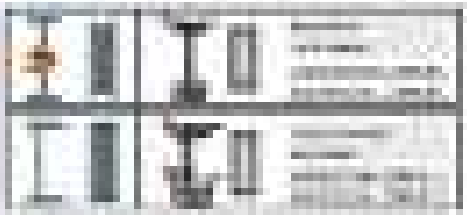


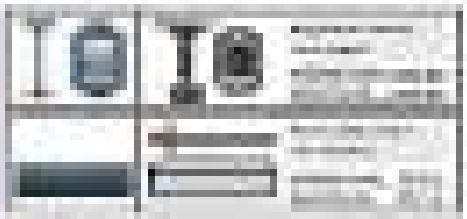


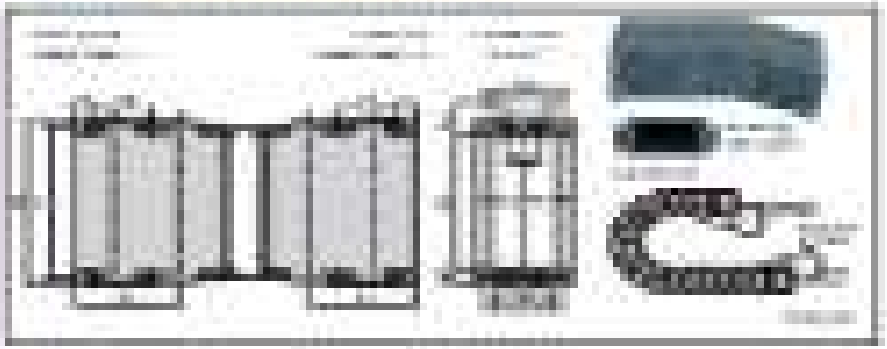


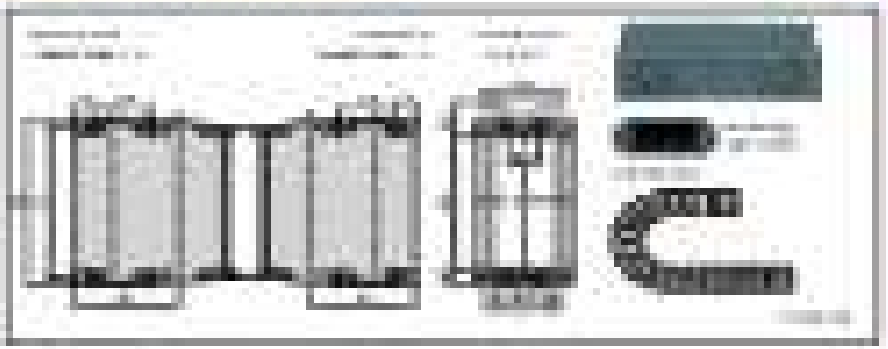


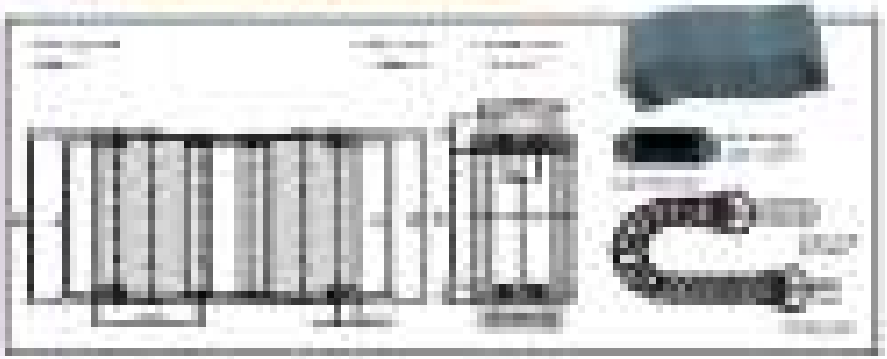


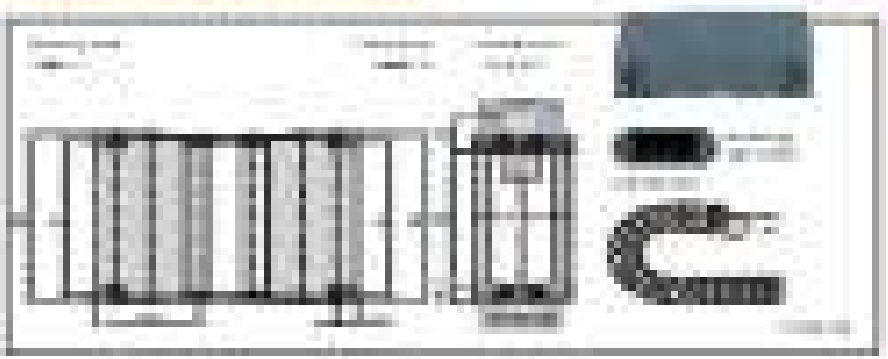


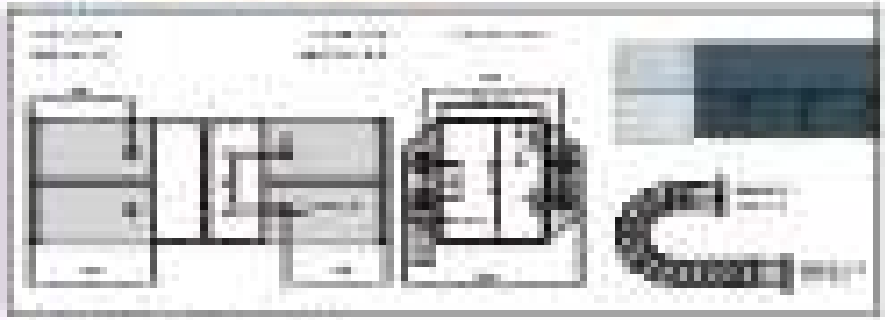


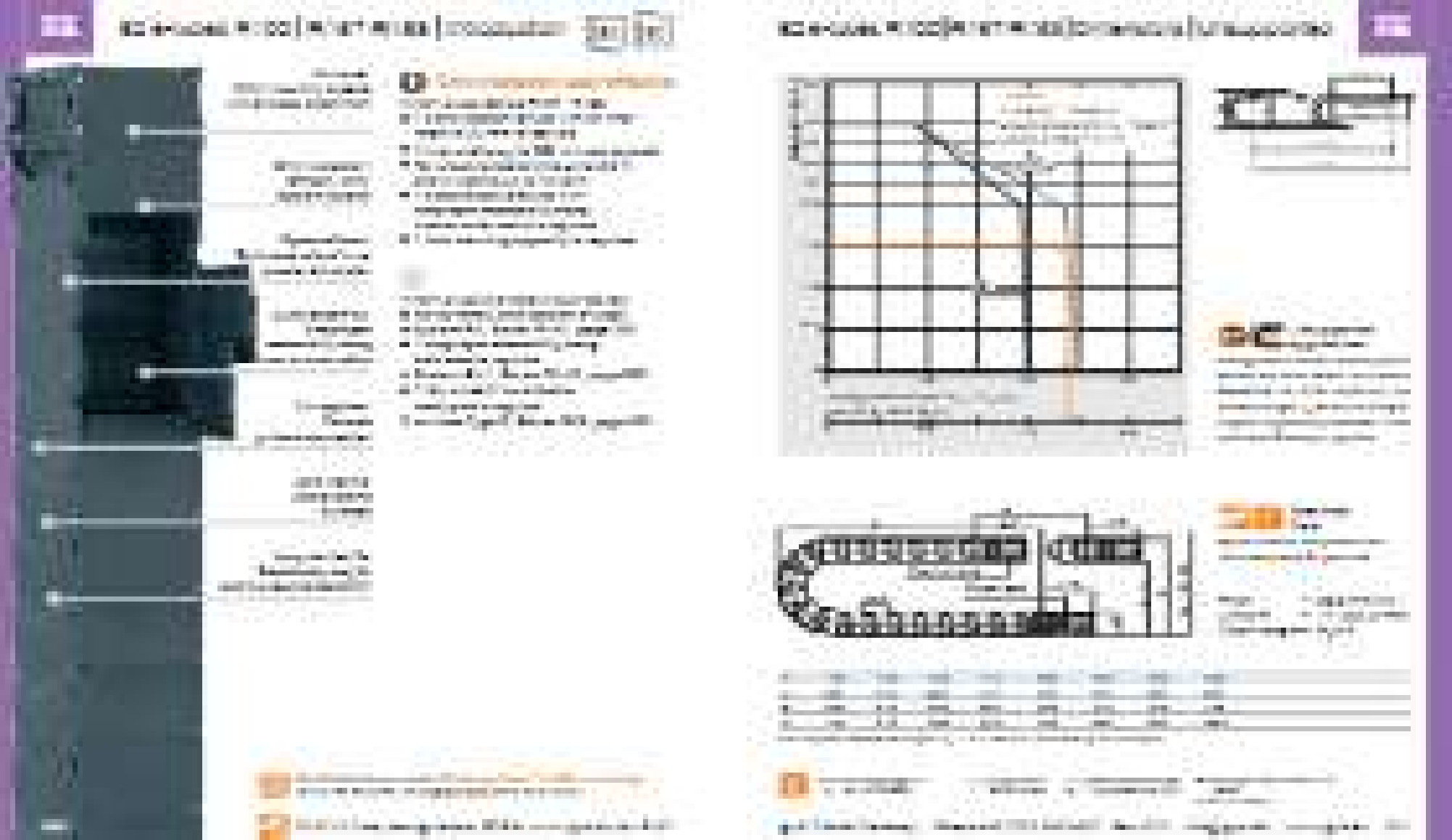


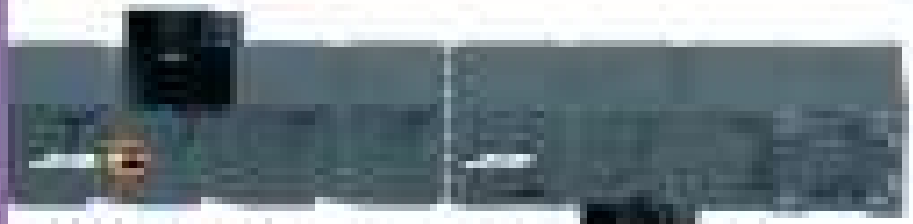


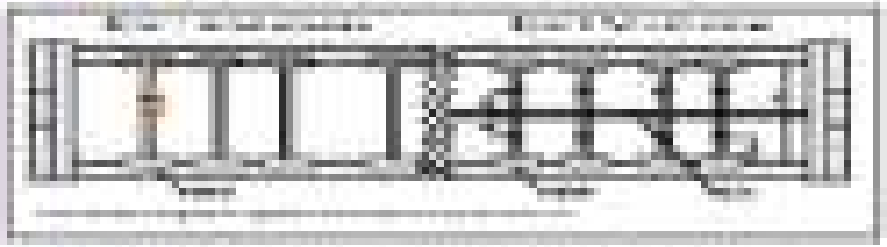


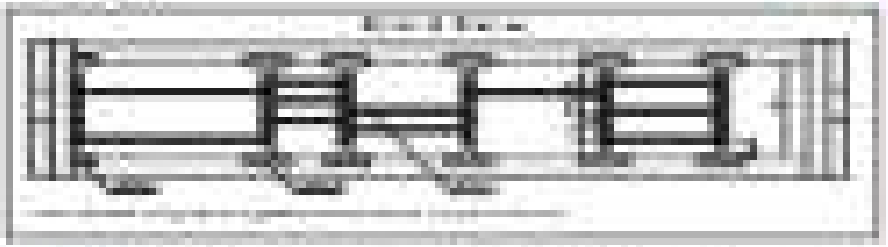


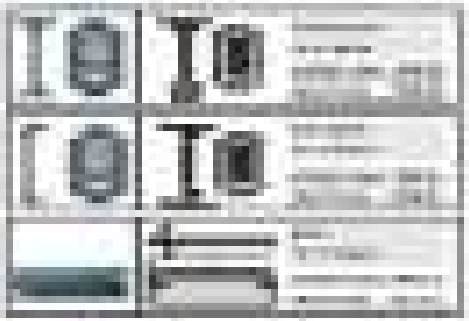


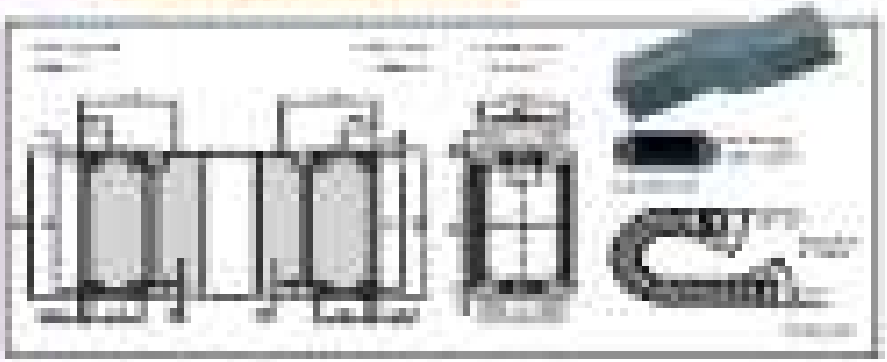


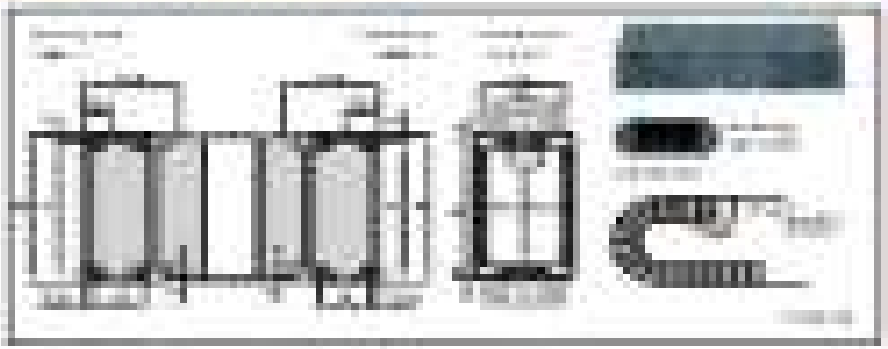


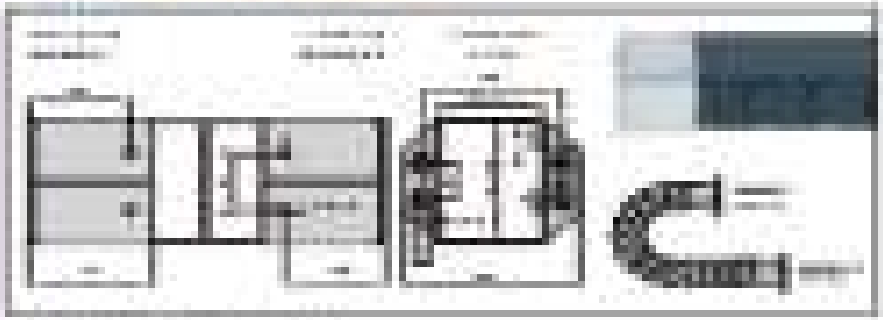






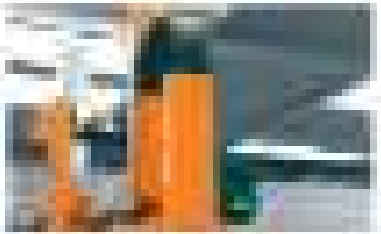


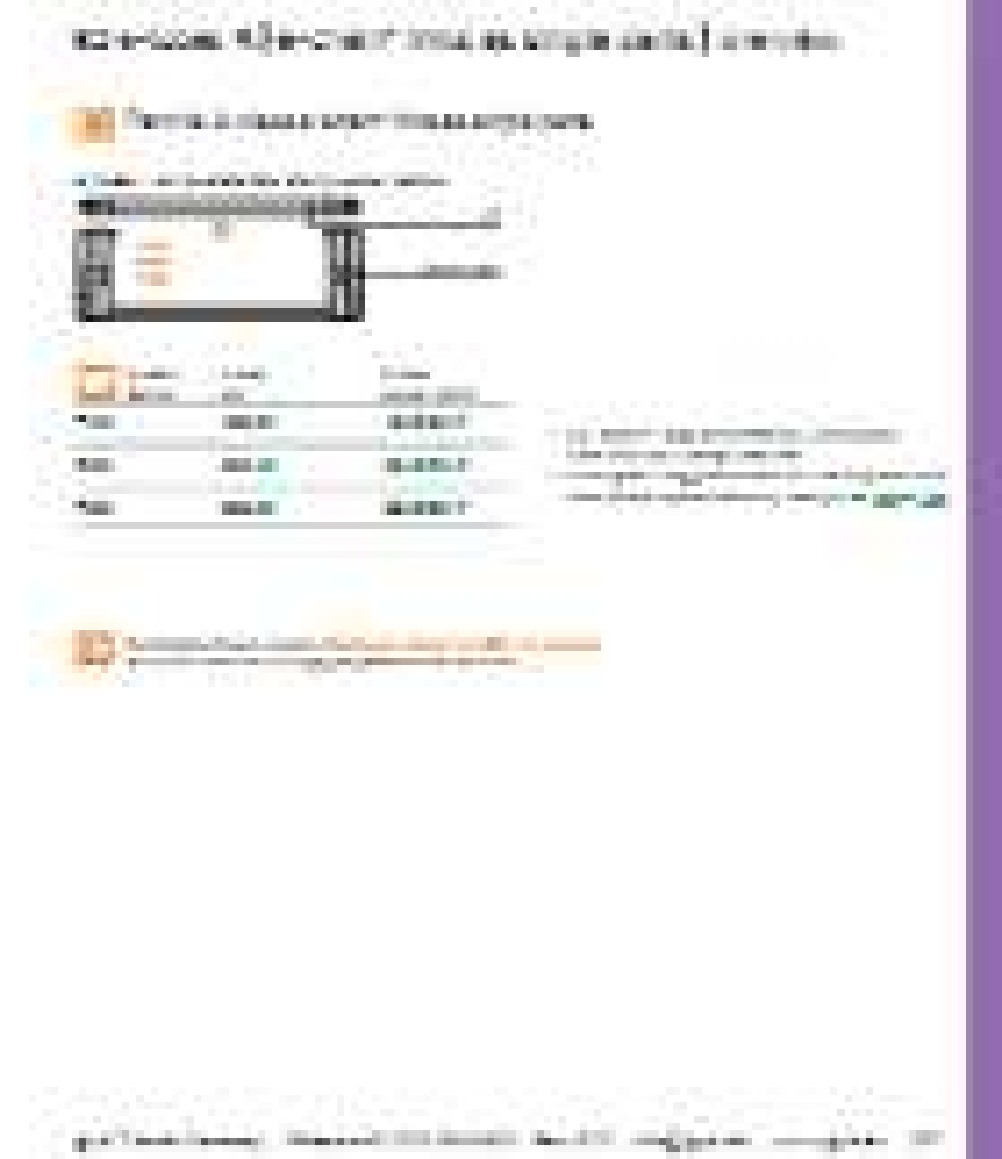





E2 R
e-tubes
chip protection
high speeds
smooth running

Chip protection – higher speeds and smooth running – [illegible] Series R





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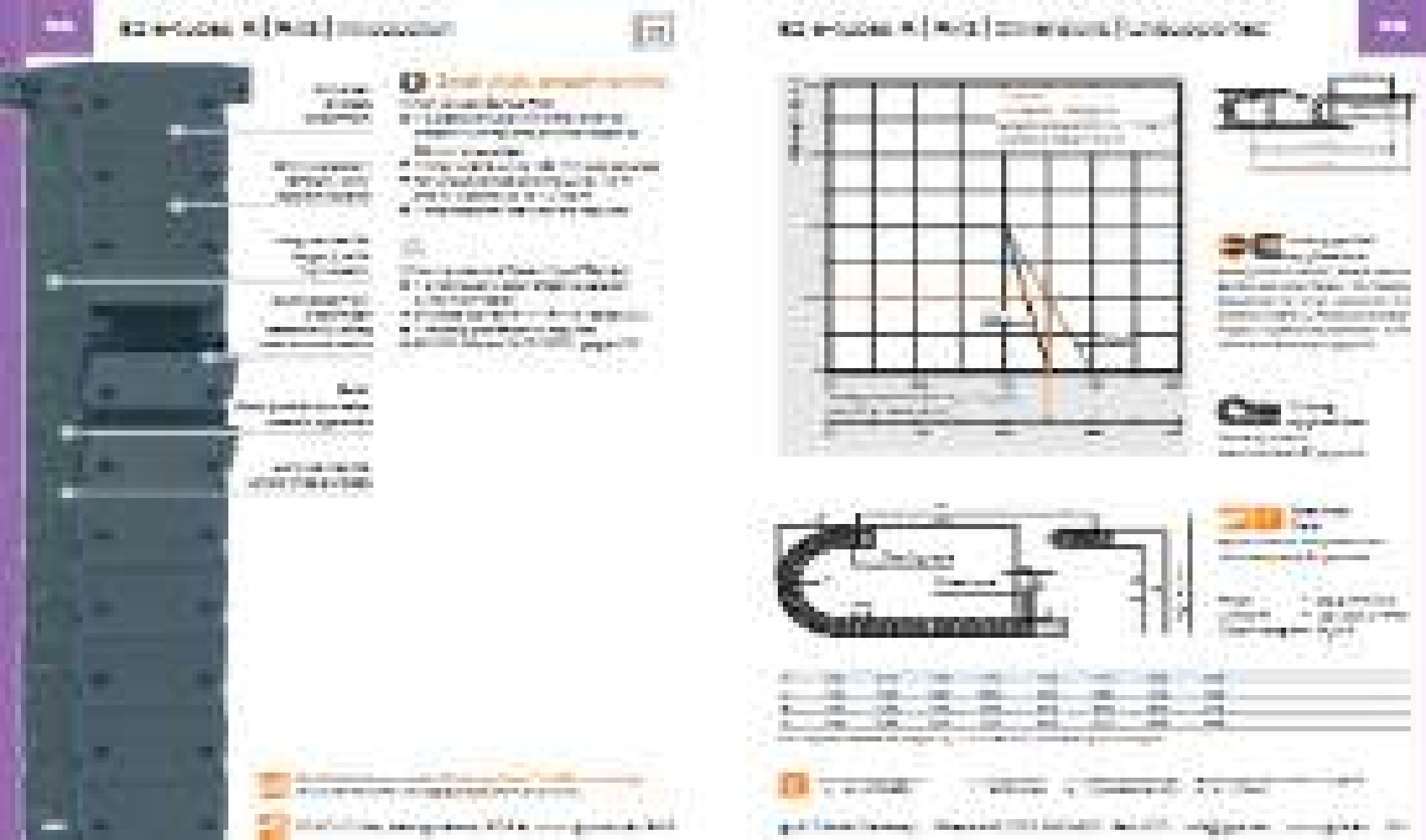

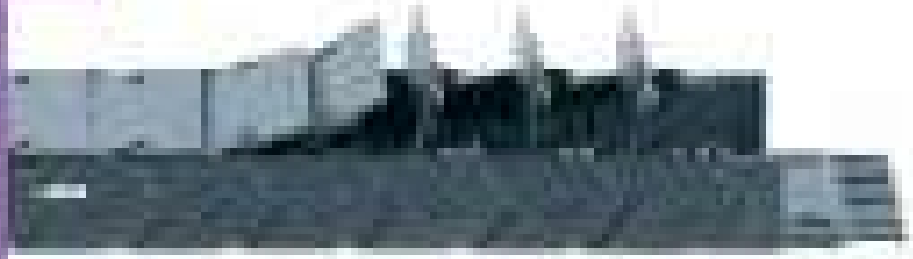

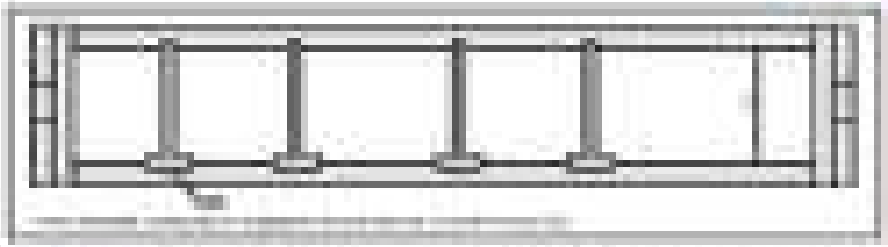

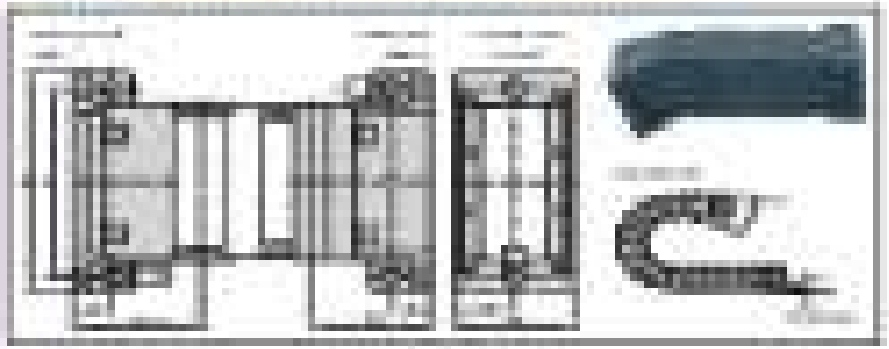

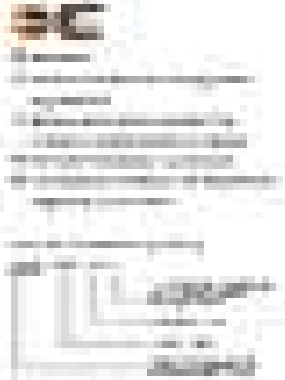

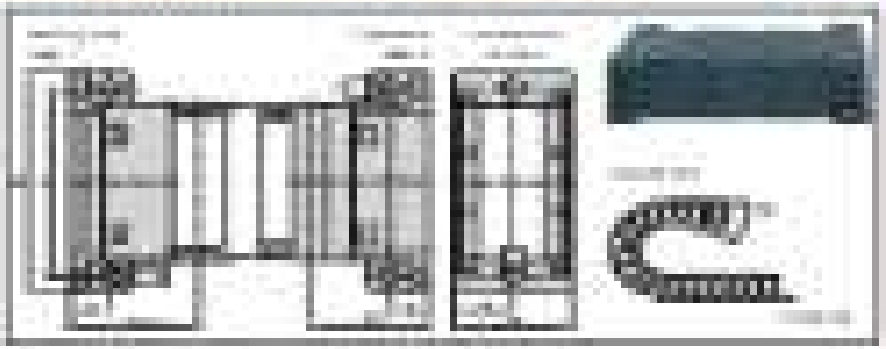

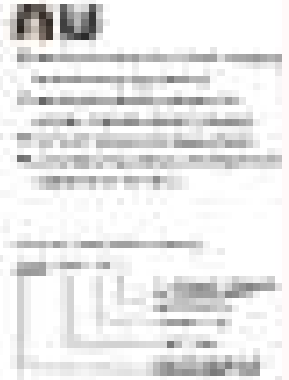

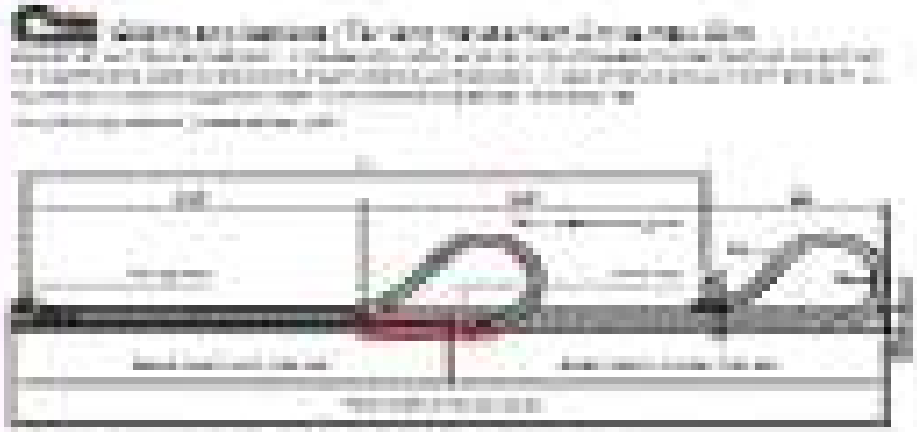

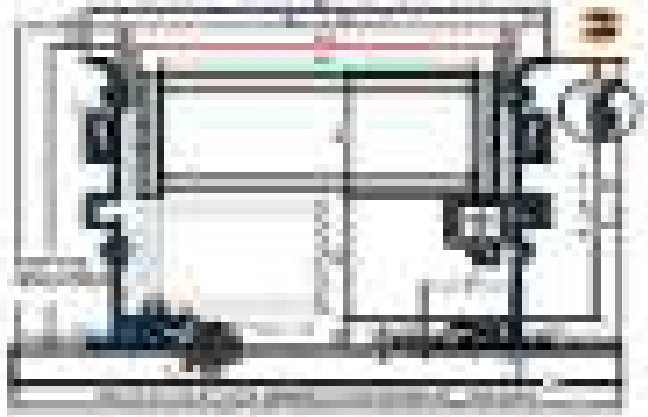

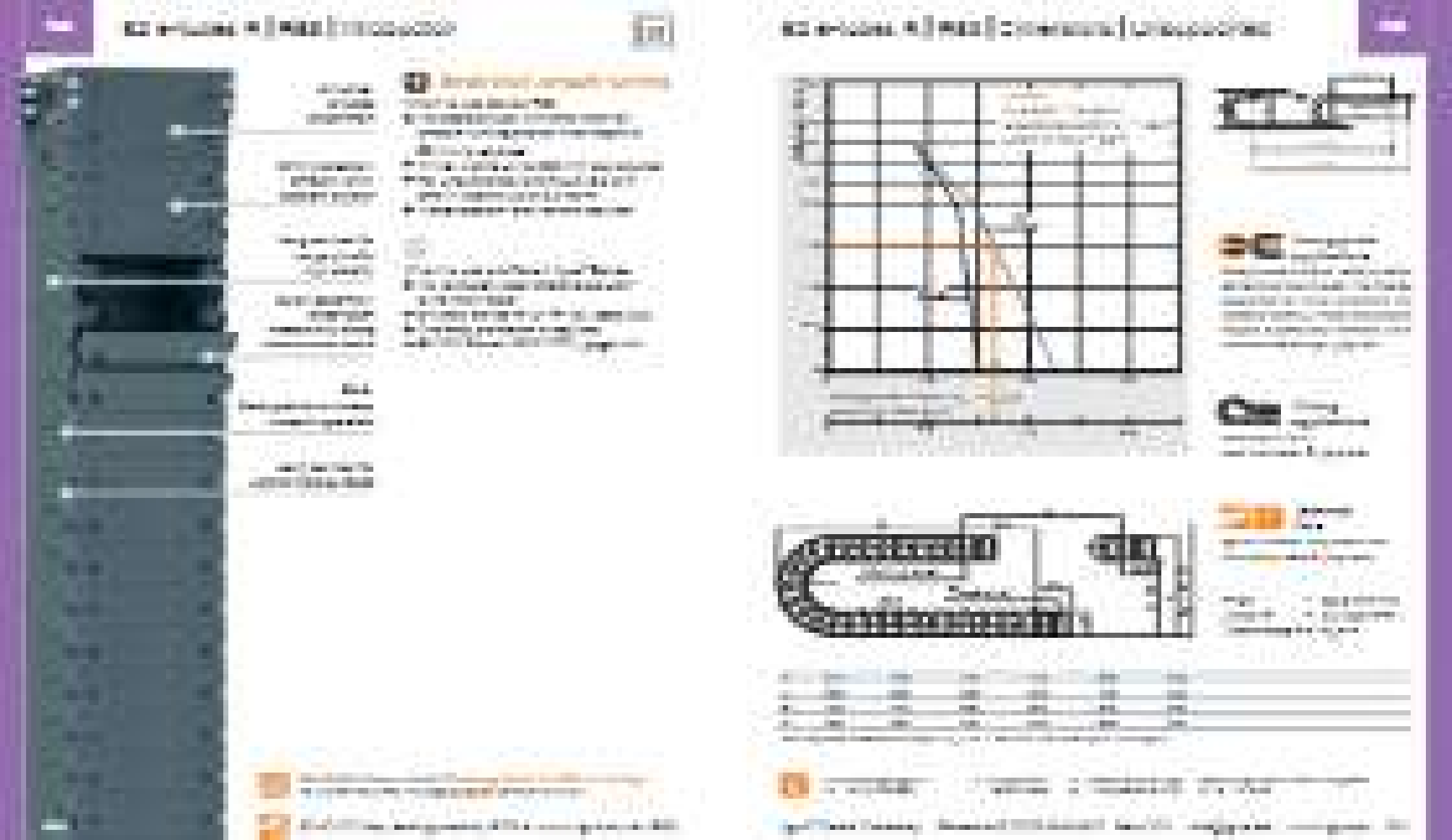

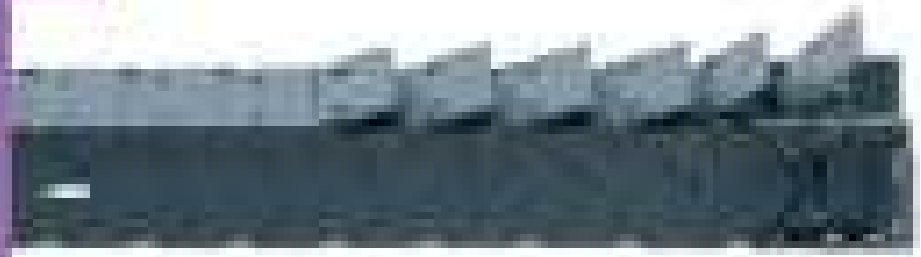

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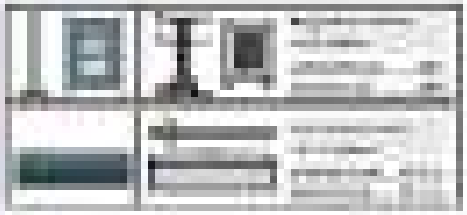

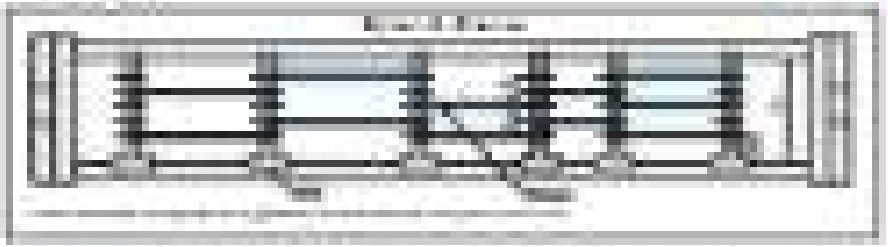

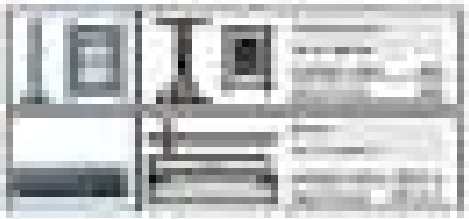

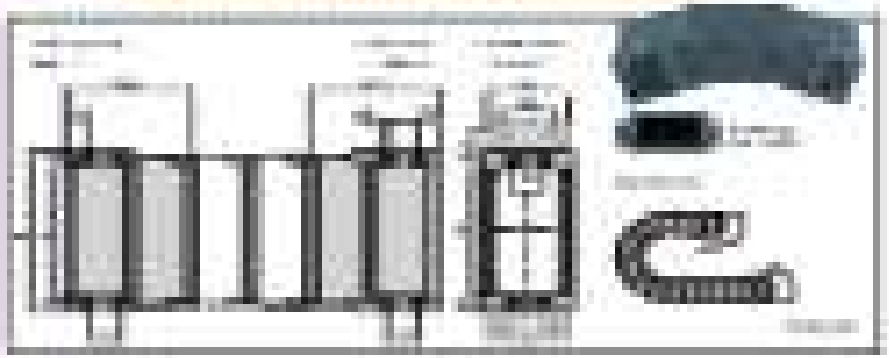

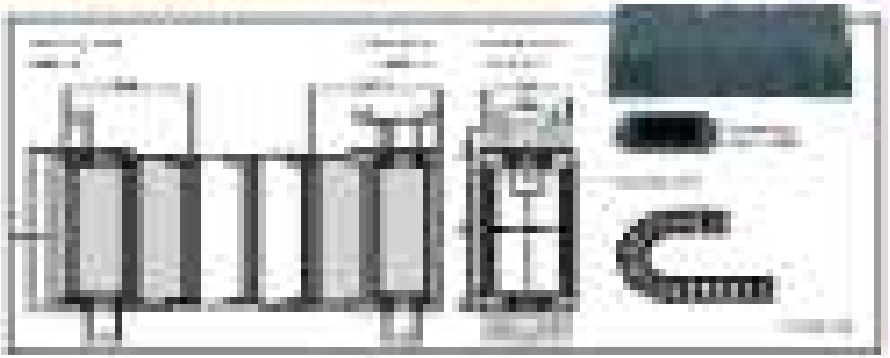

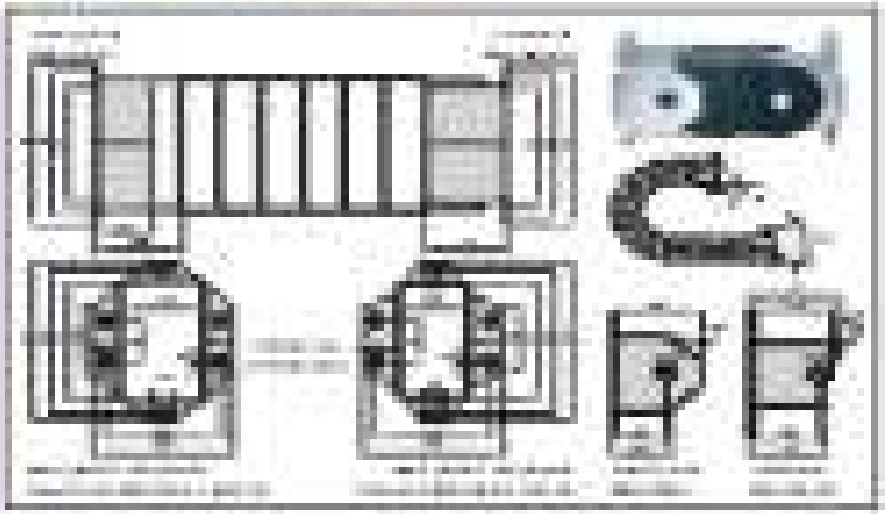

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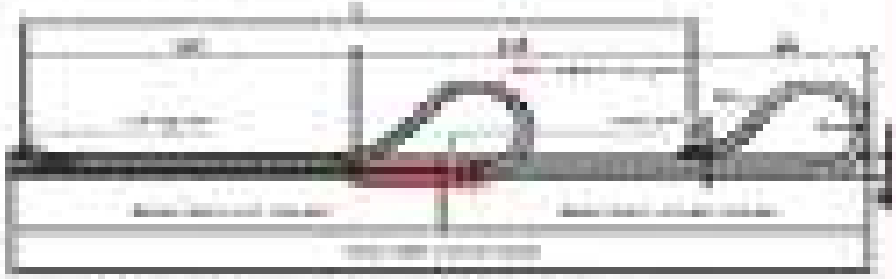

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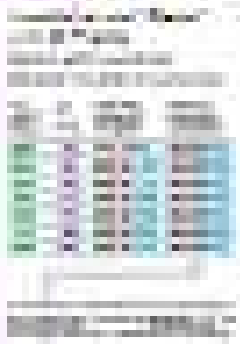

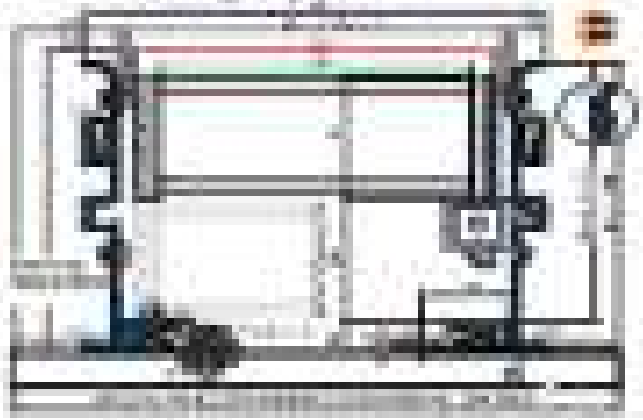

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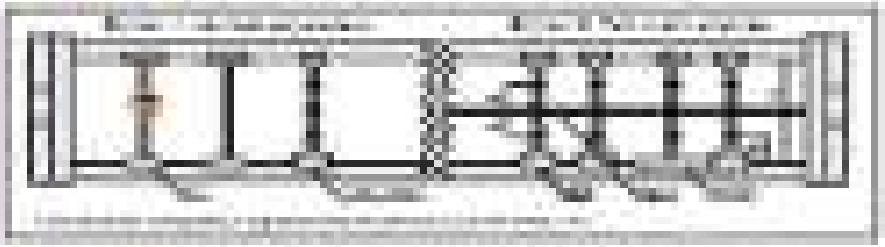

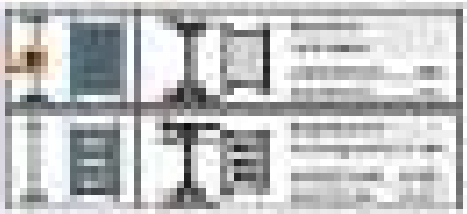

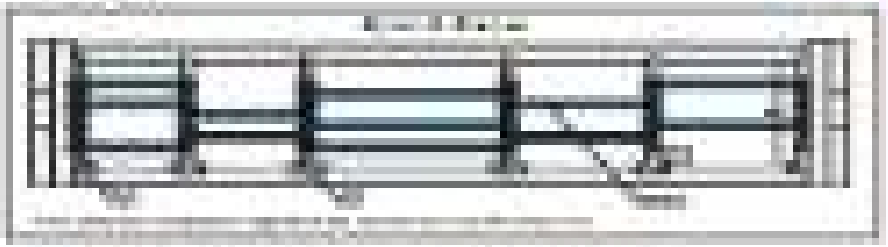

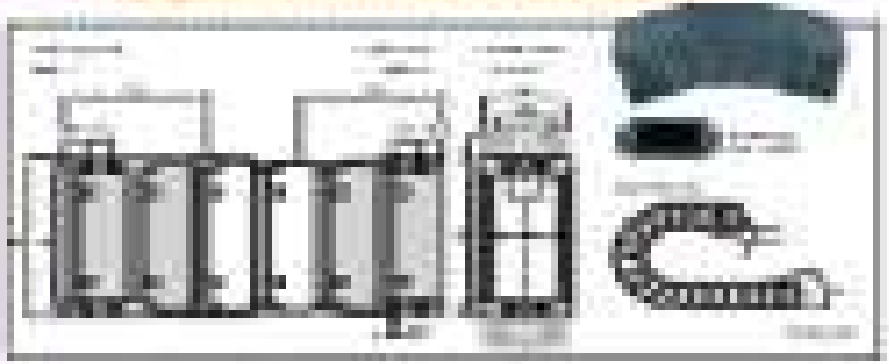

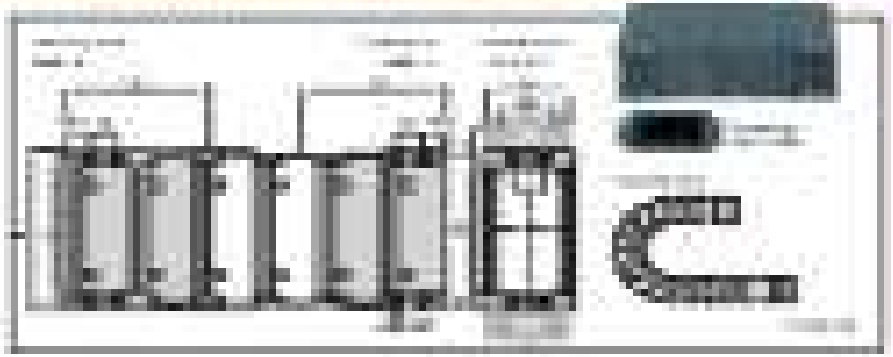

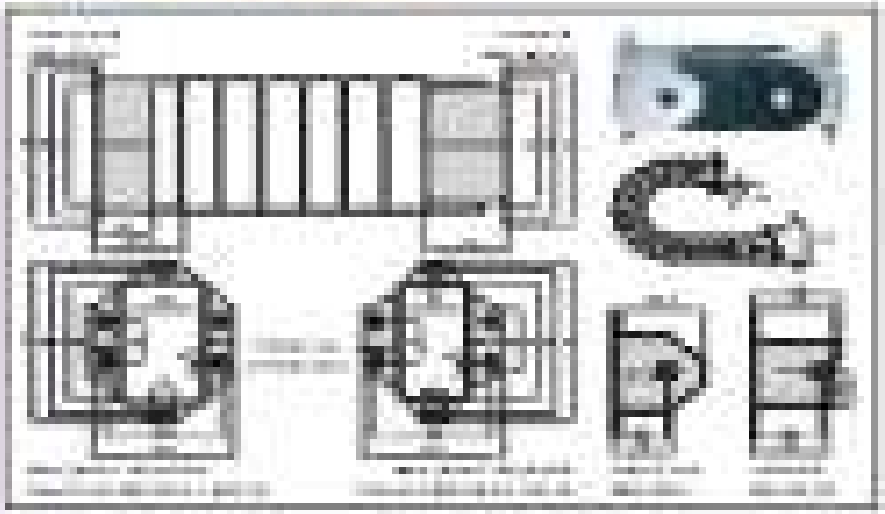

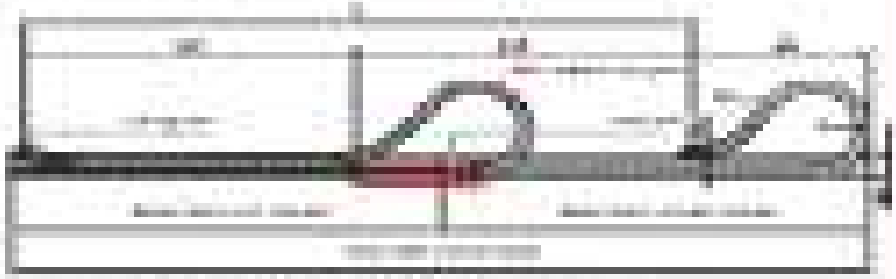

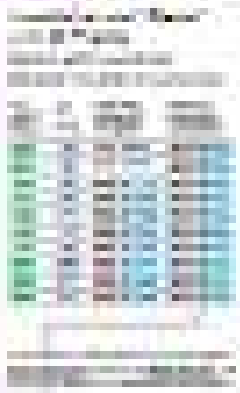

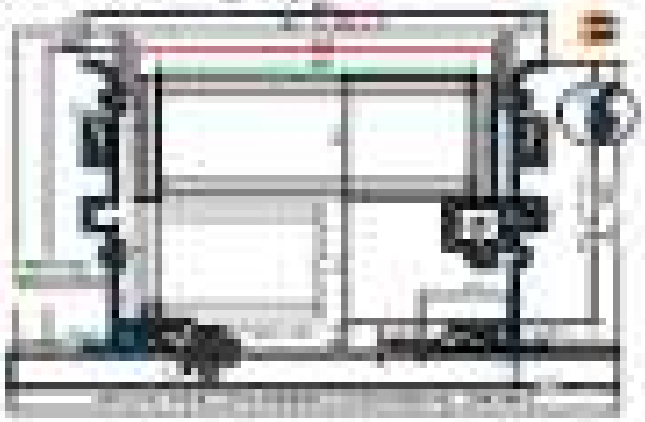


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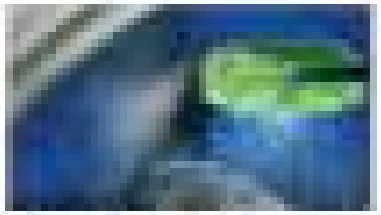
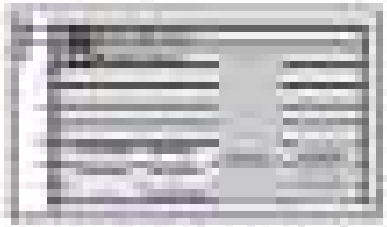
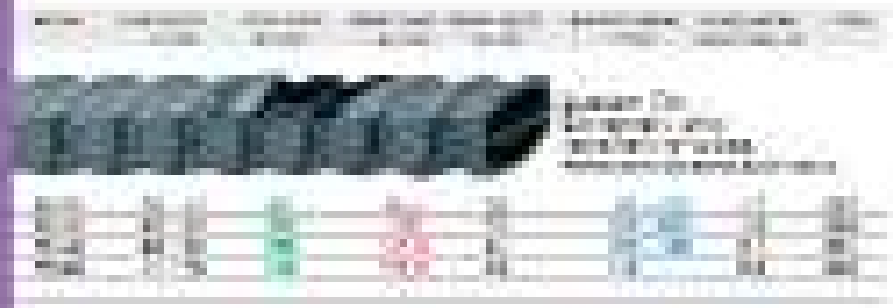
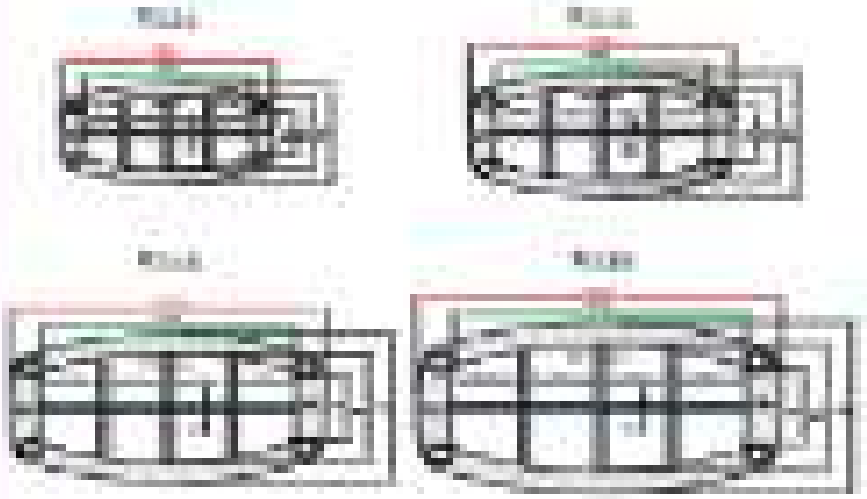
System RX

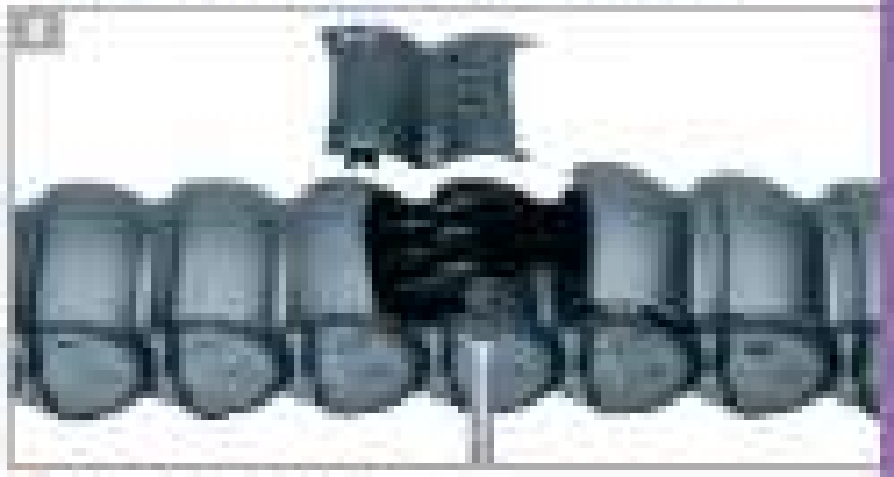
Extremely chip resistant e-tubes – System RX

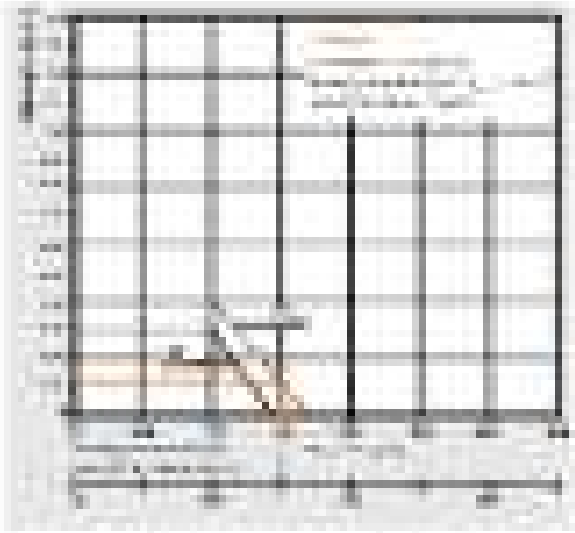


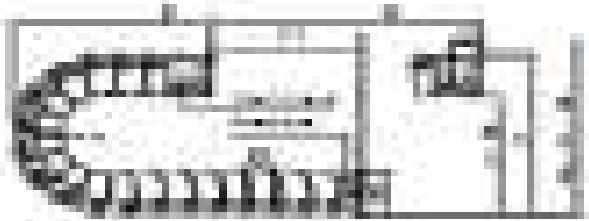


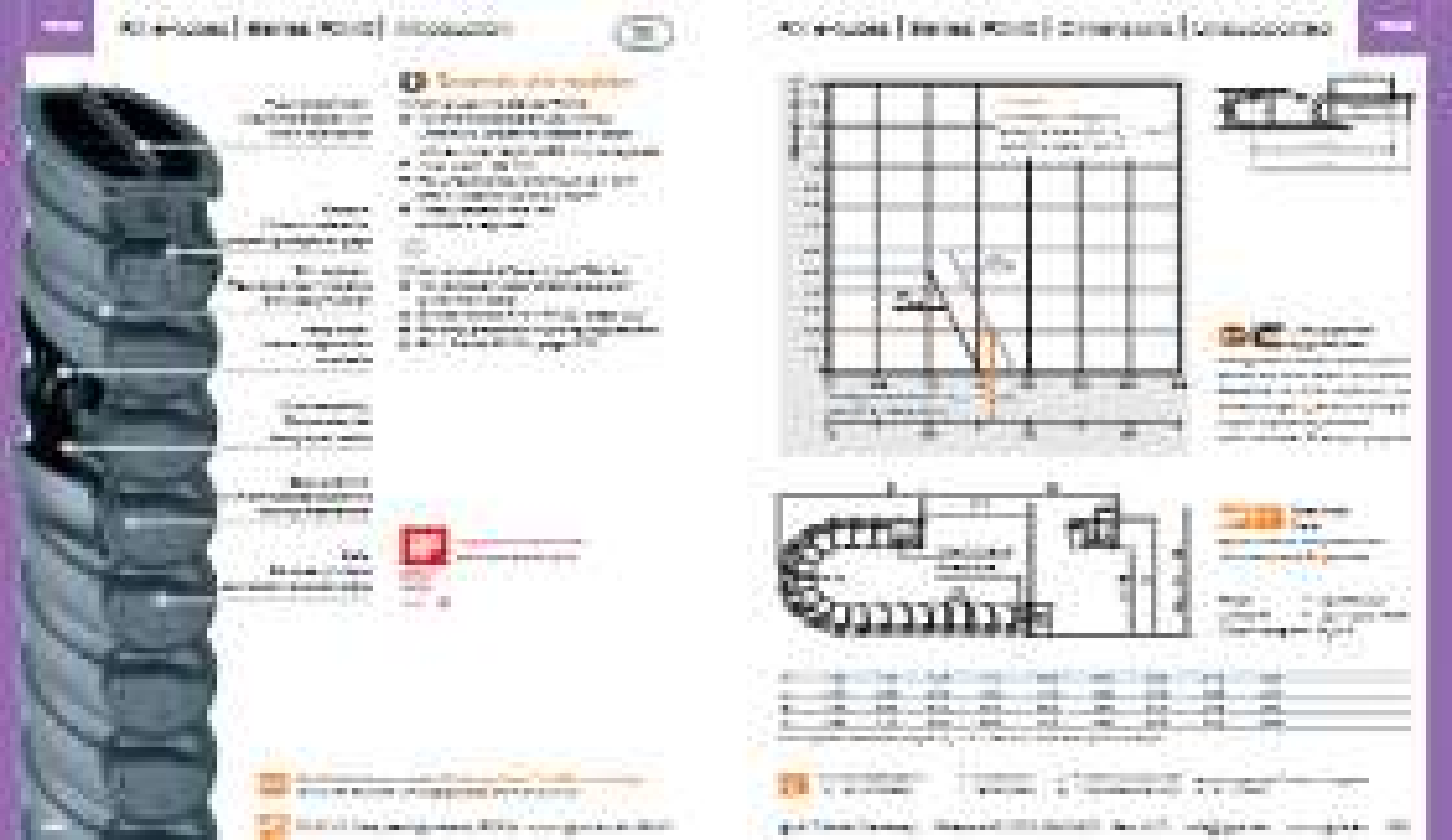


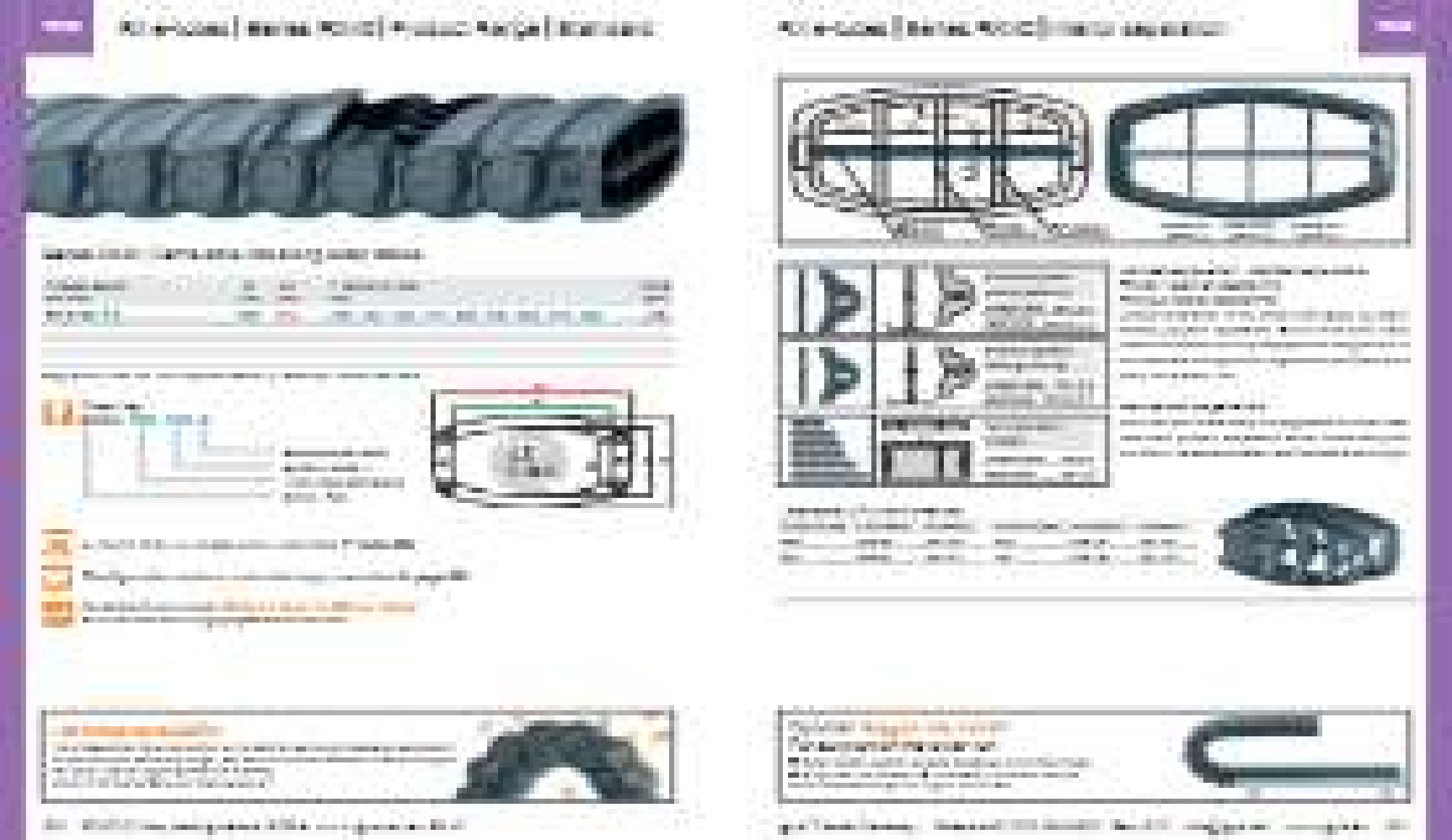


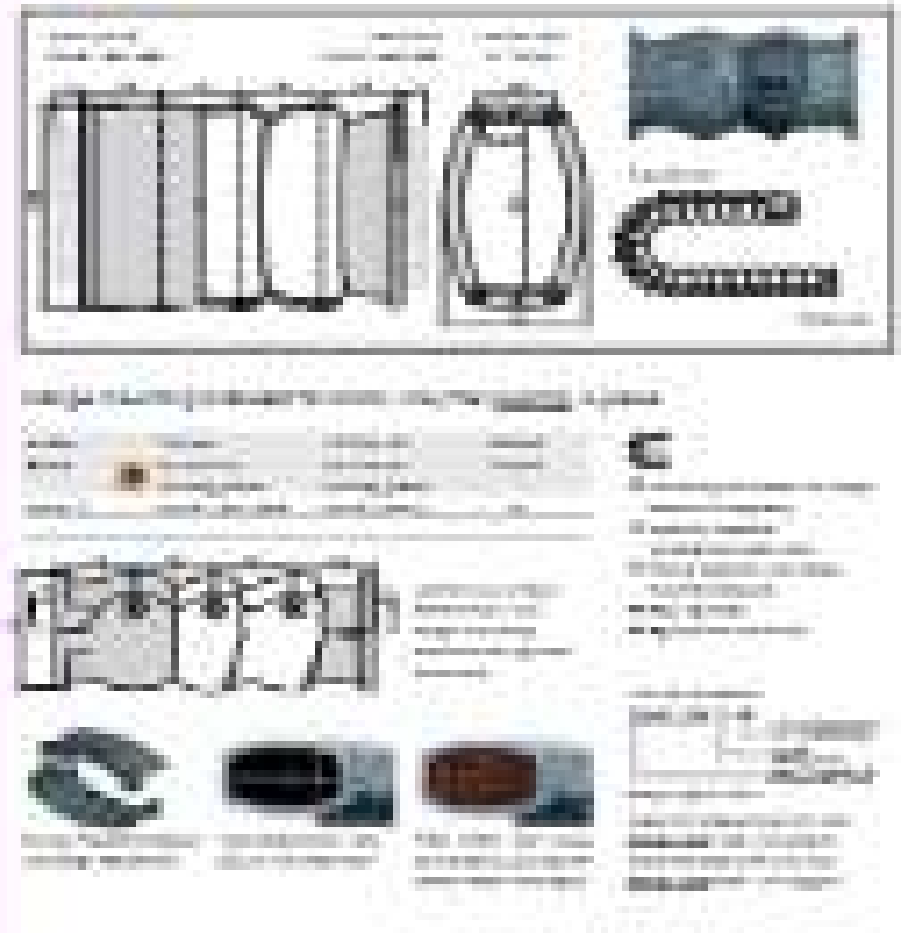


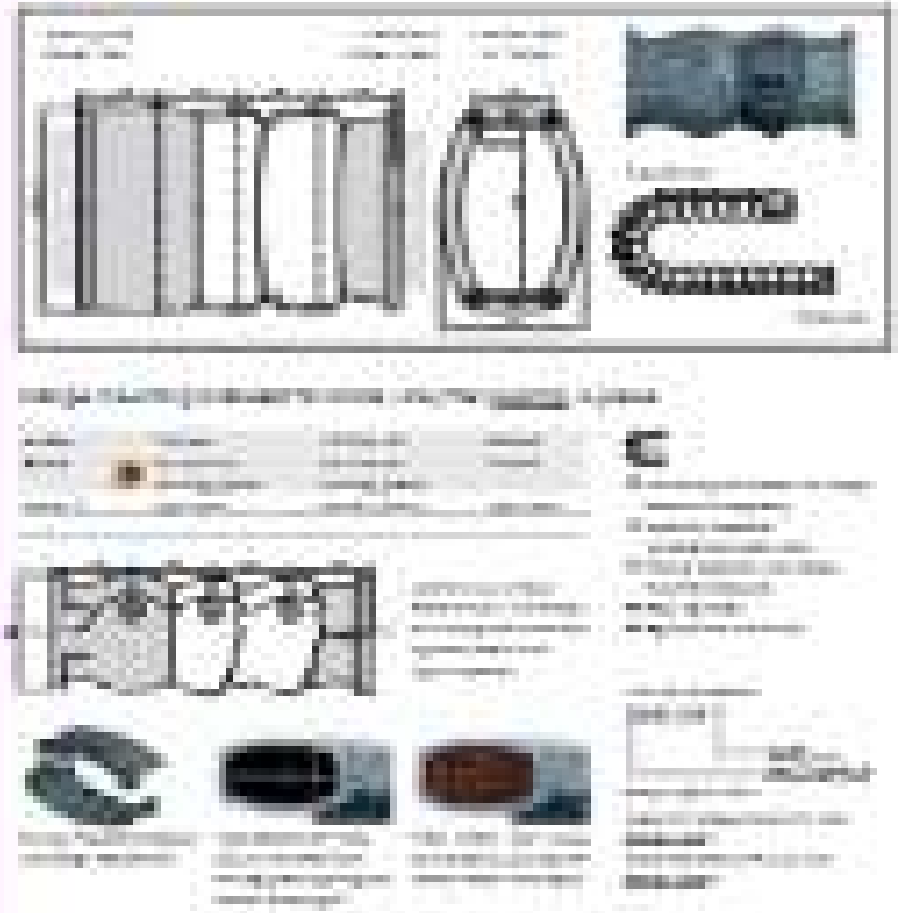


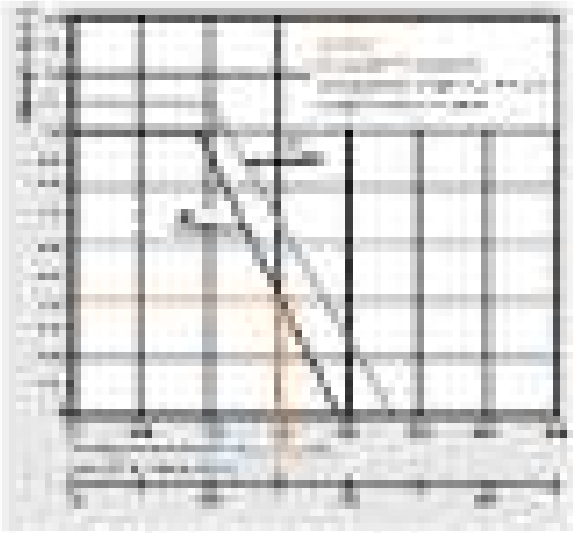


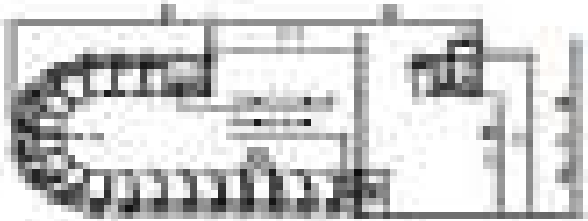










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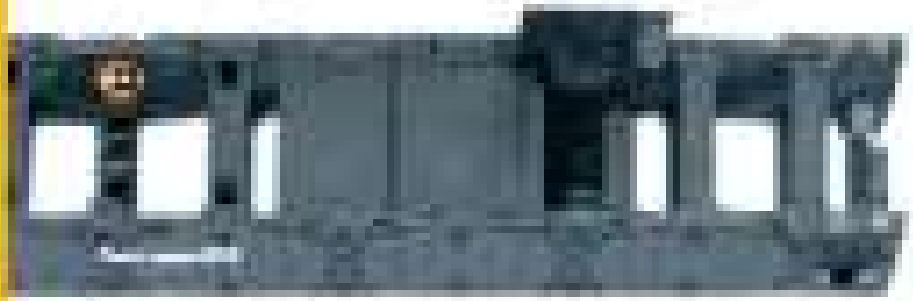
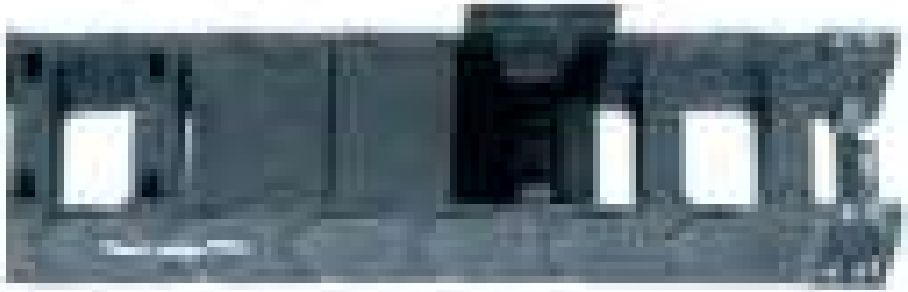
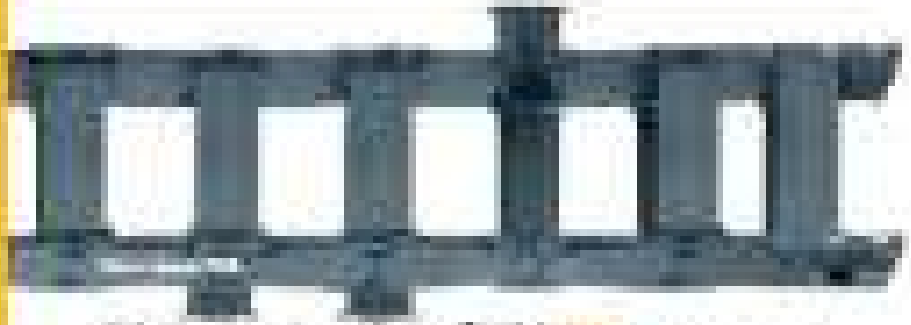
System E4

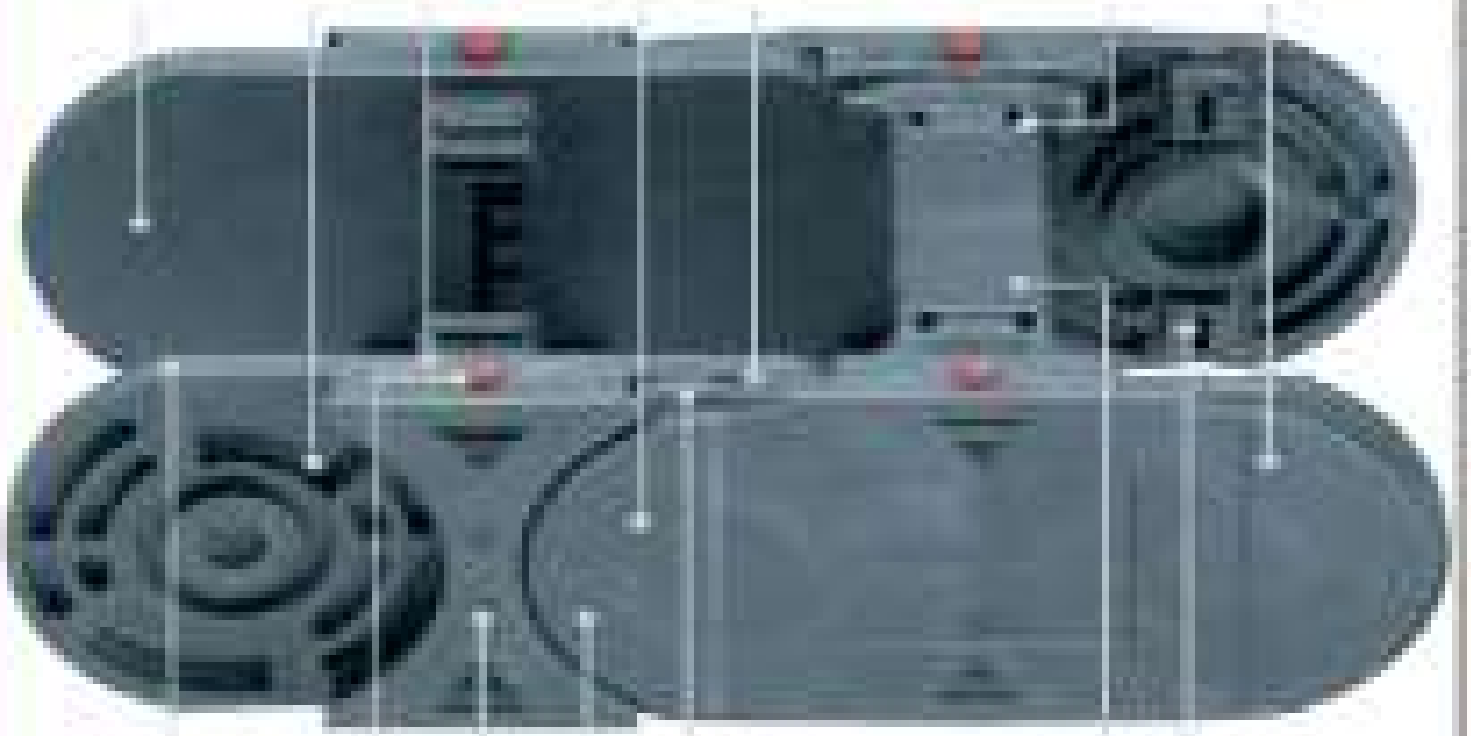


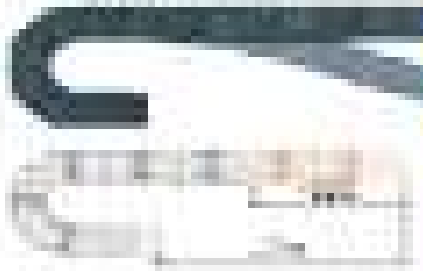


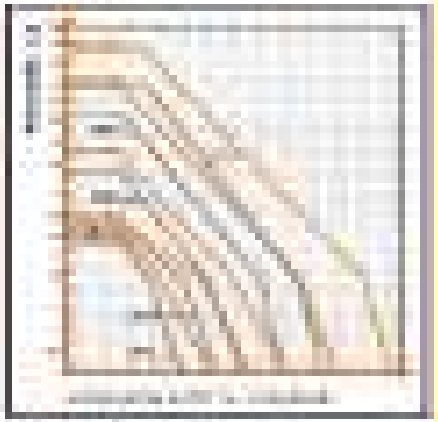


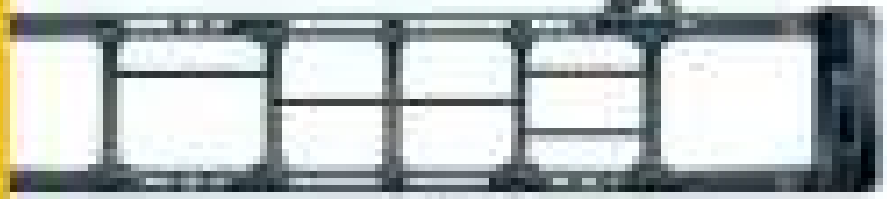

igus® E4.1
The standard of the E- program:
igus® e-chain® and e-loop
for retrofit or replacement

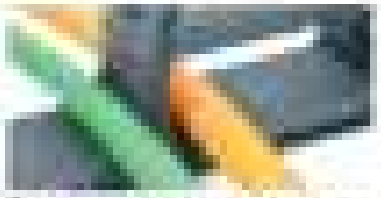
ONE e-chain® series for almost all applications – System E4.1

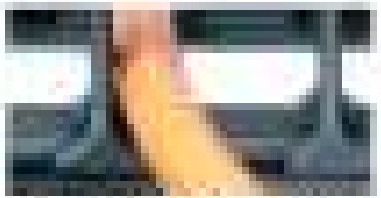


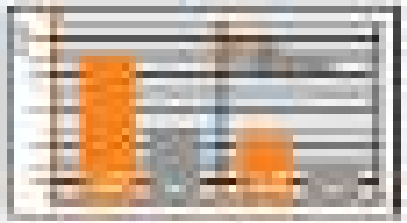


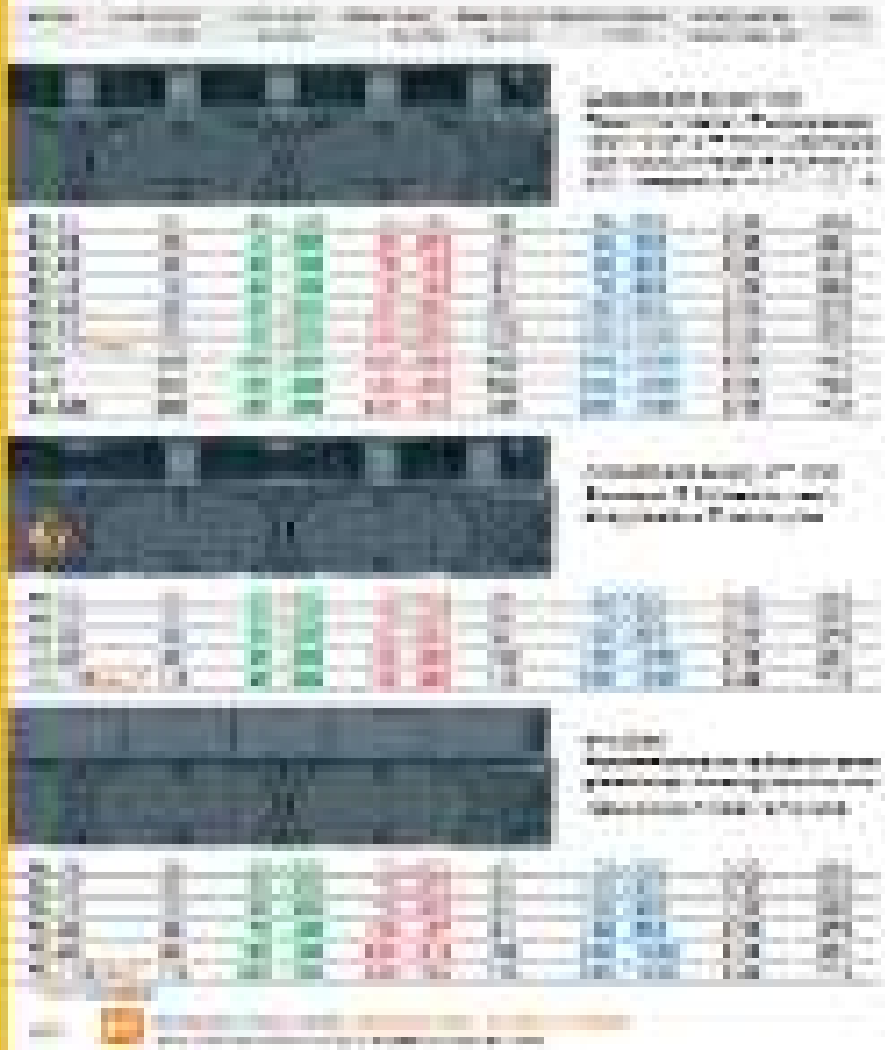


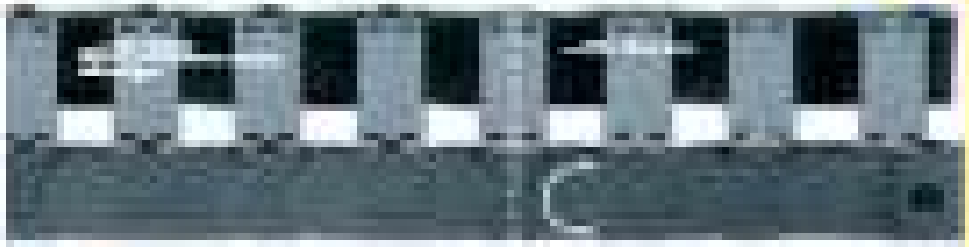


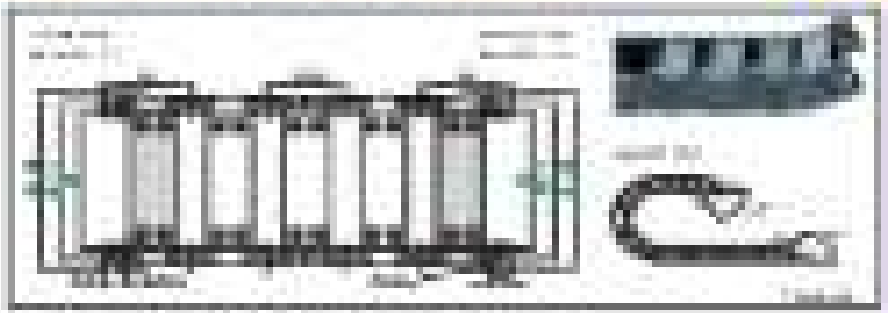


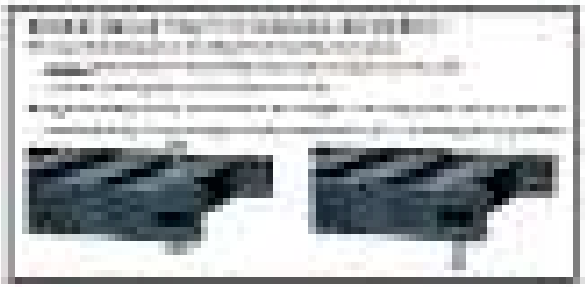


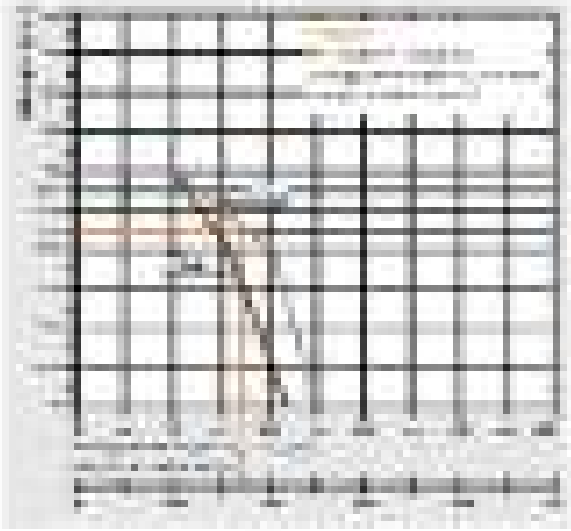


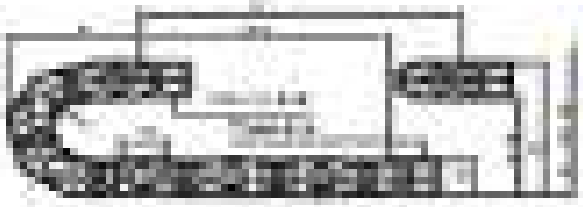


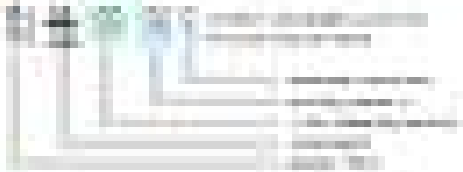


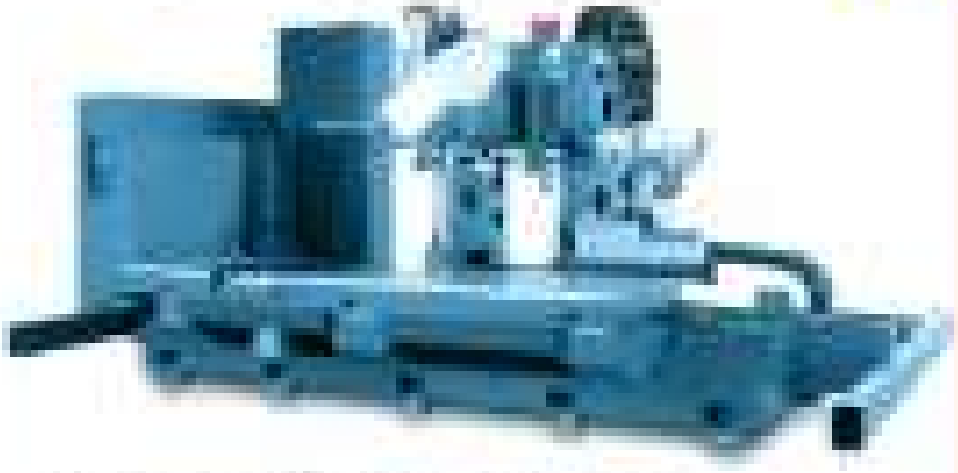


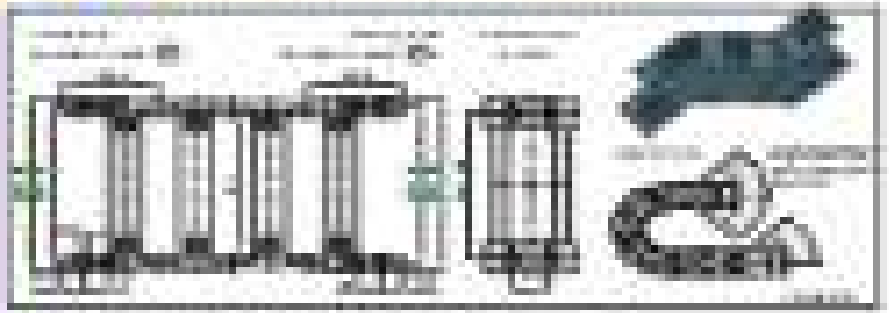


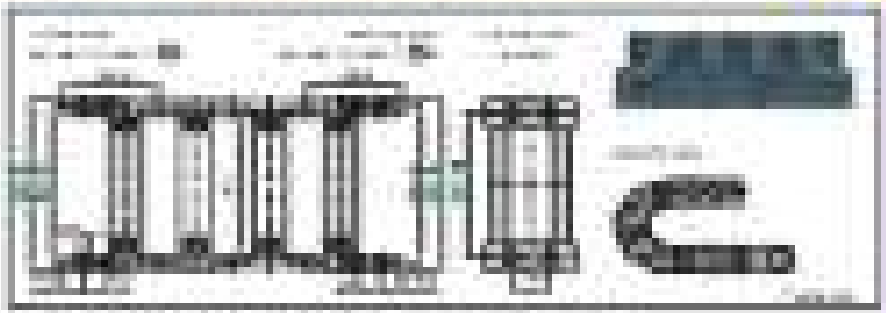


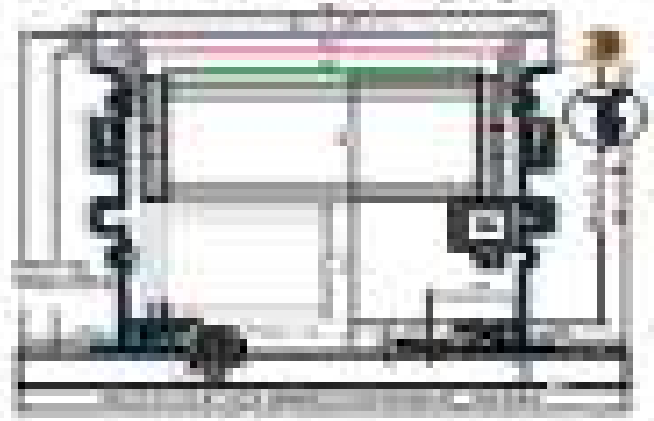


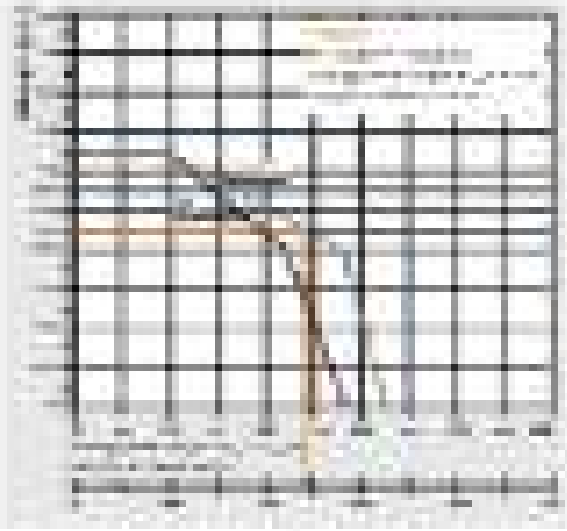


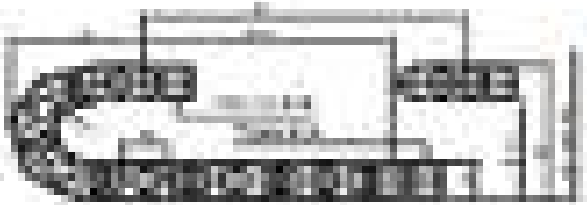


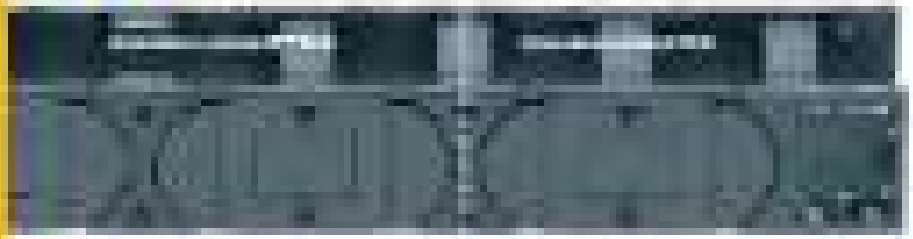












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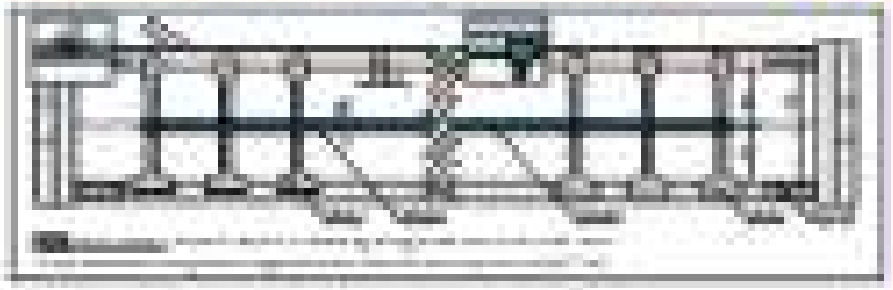

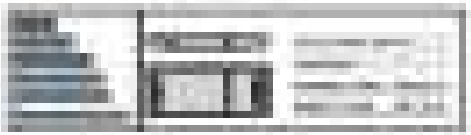

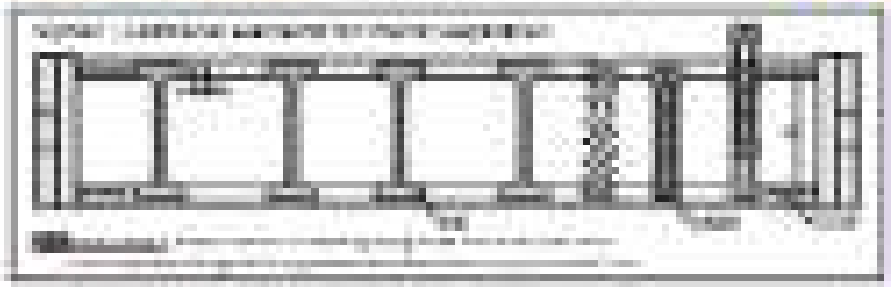

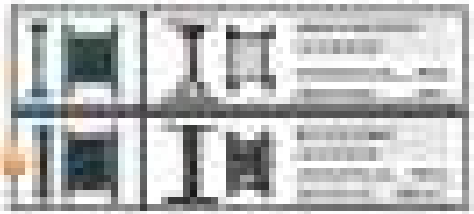

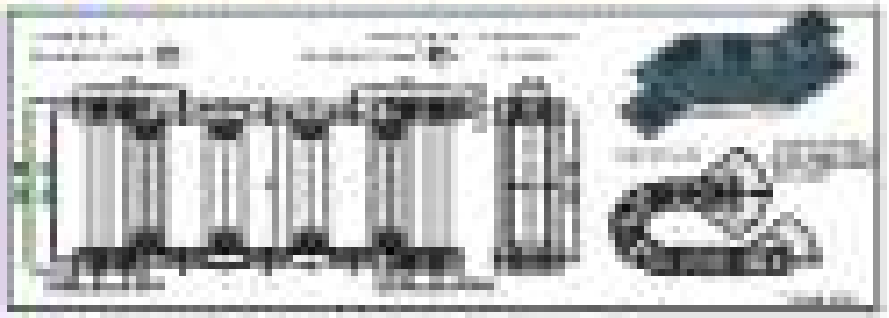

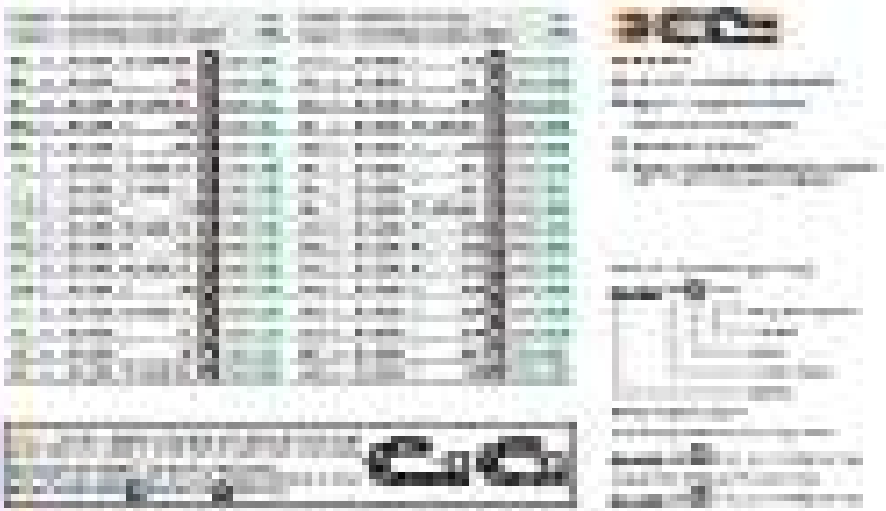

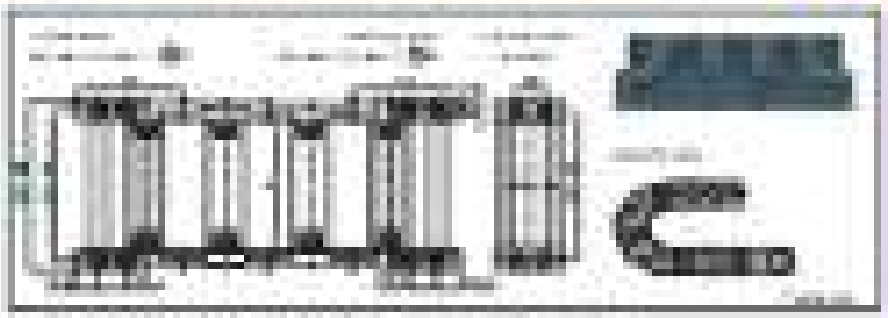

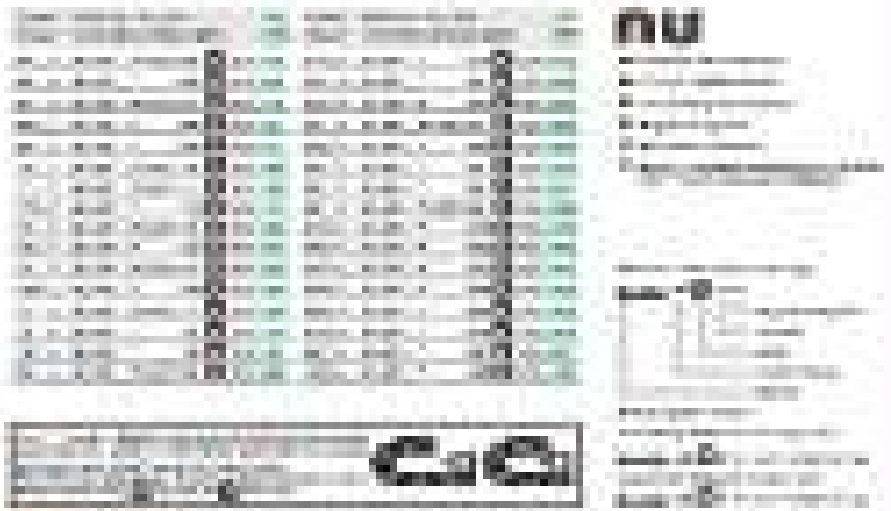

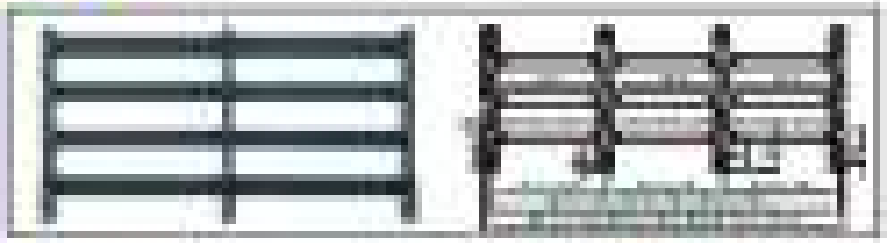

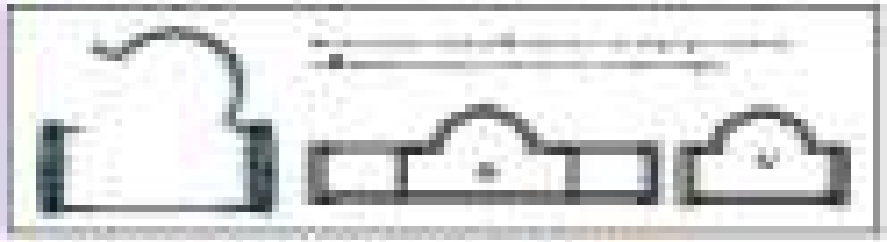

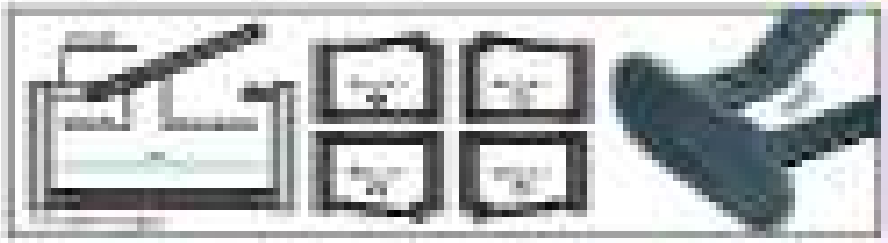

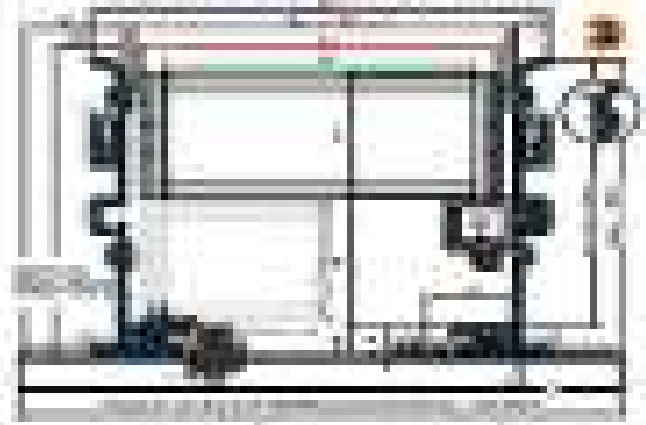

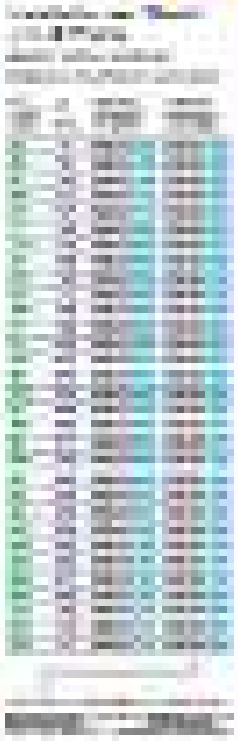

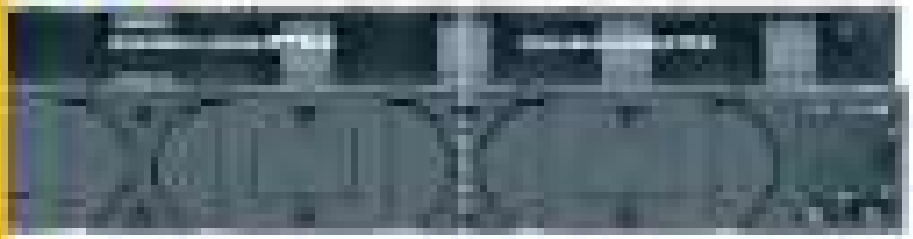

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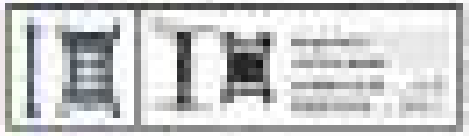

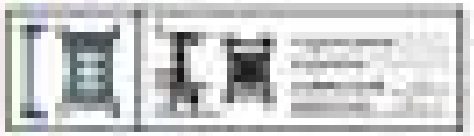

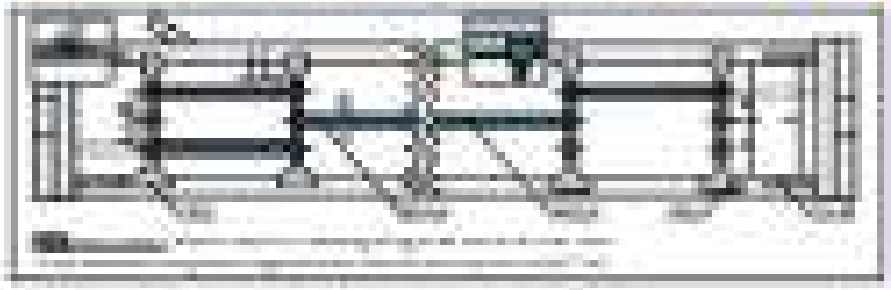

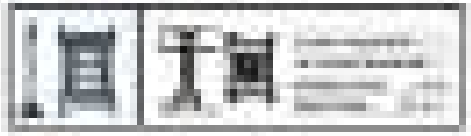

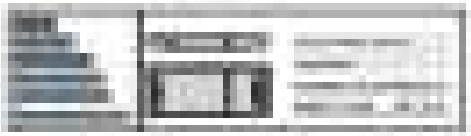

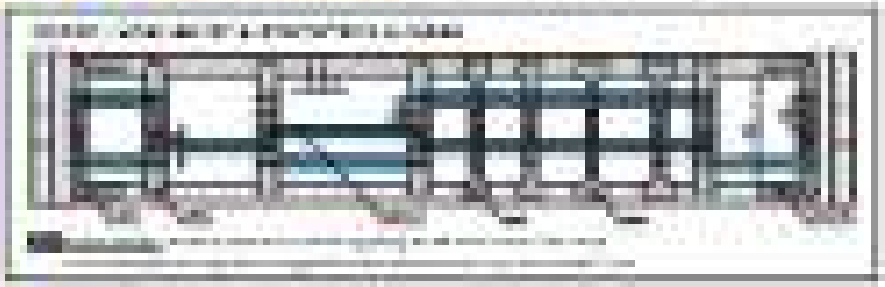

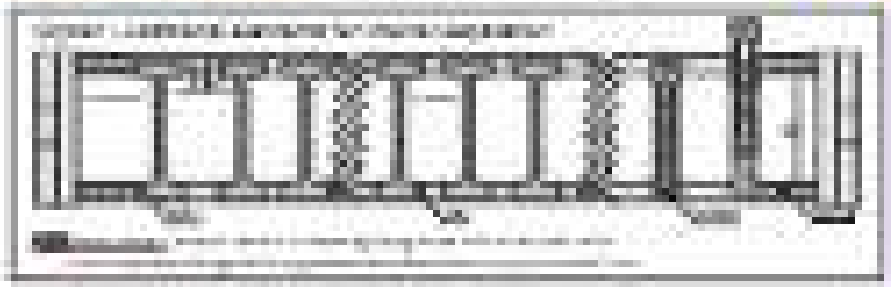

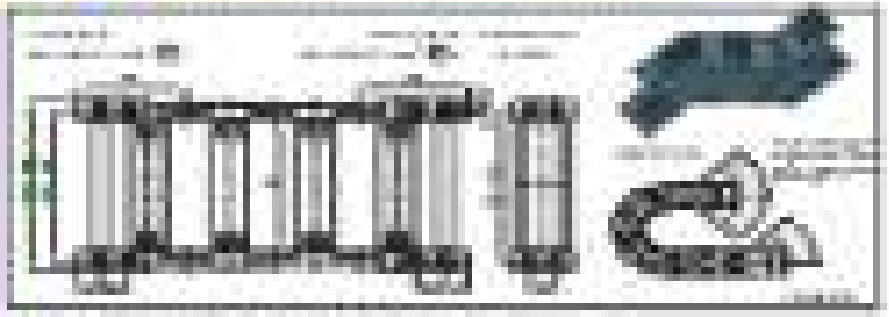

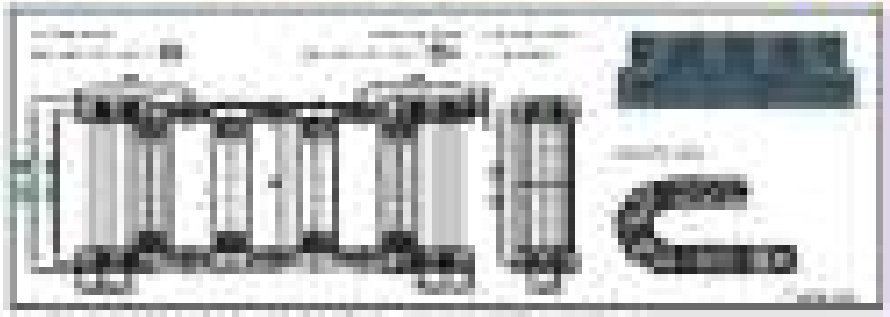

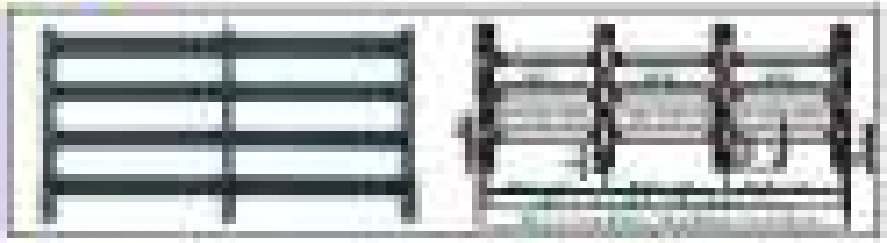

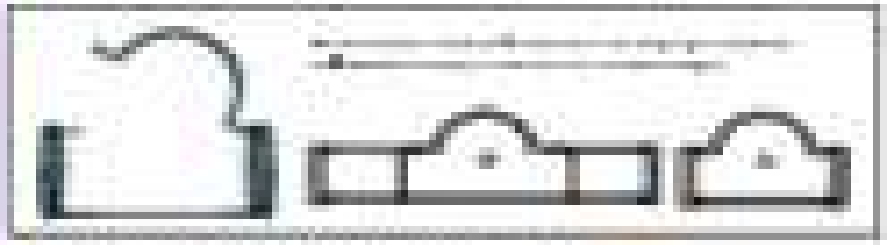

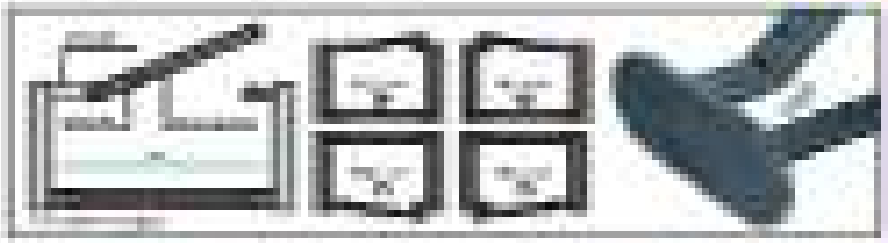

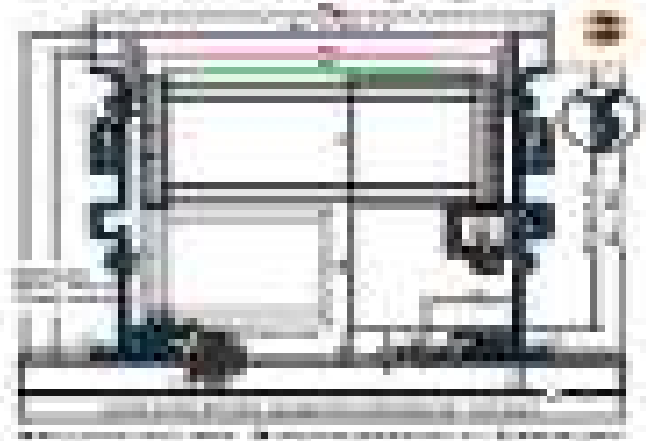

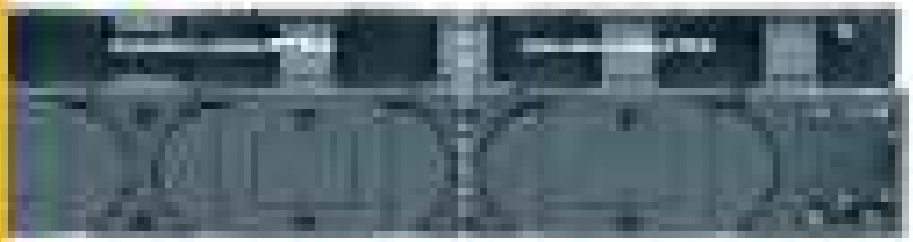

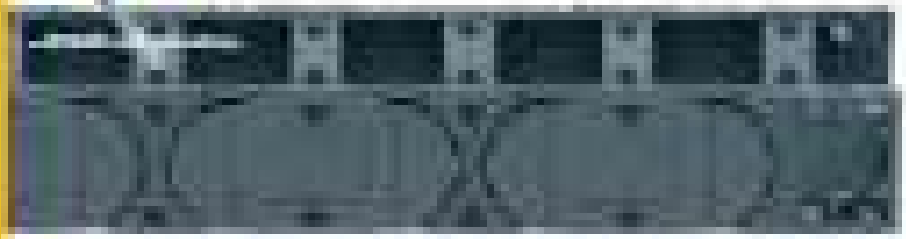

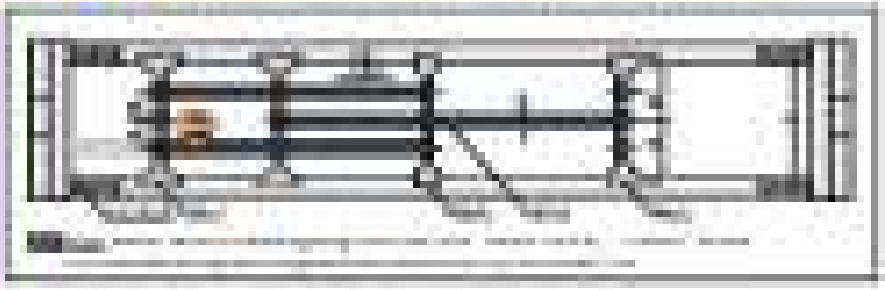

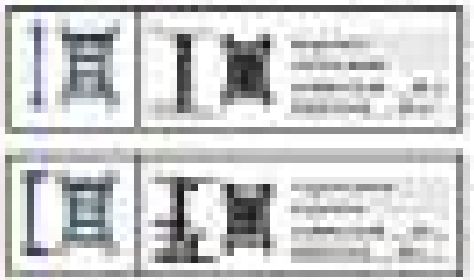

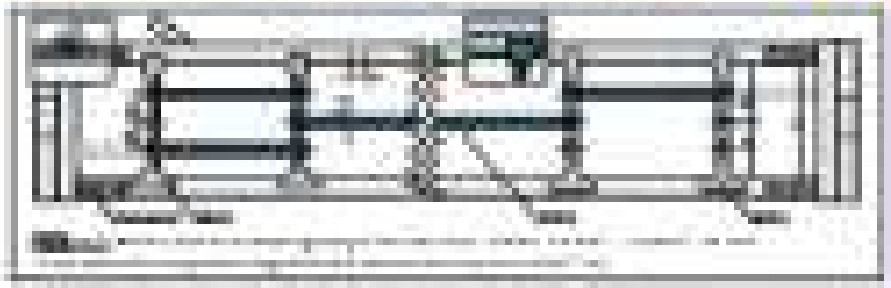

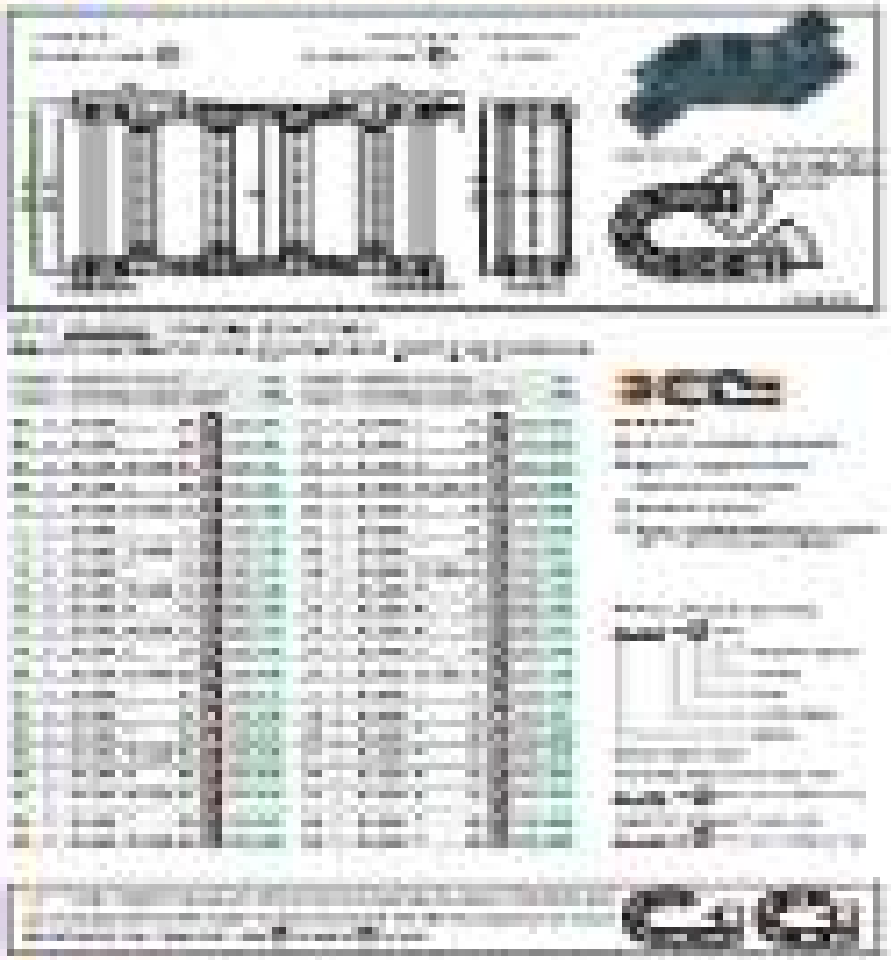

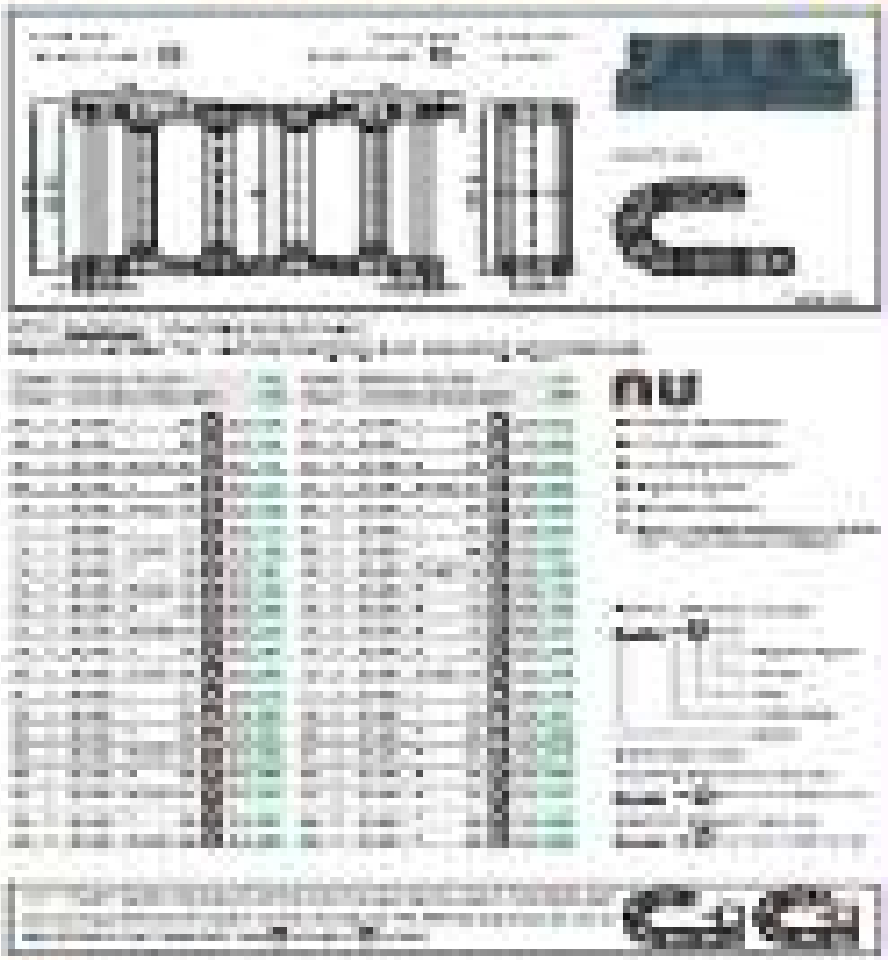

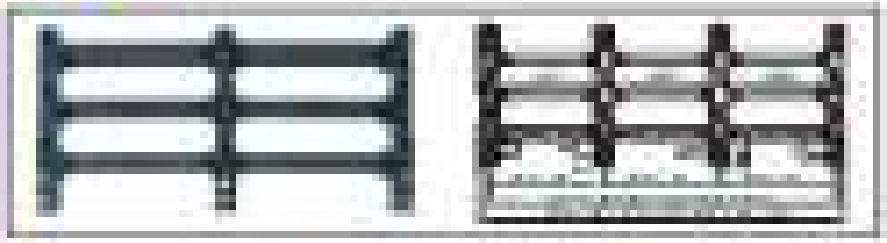

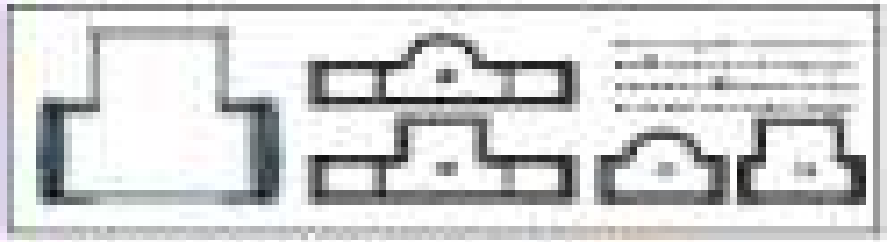

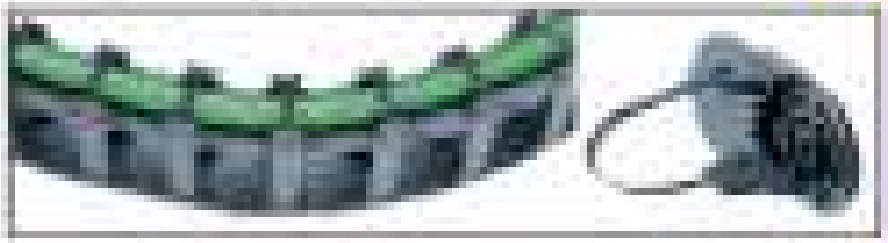

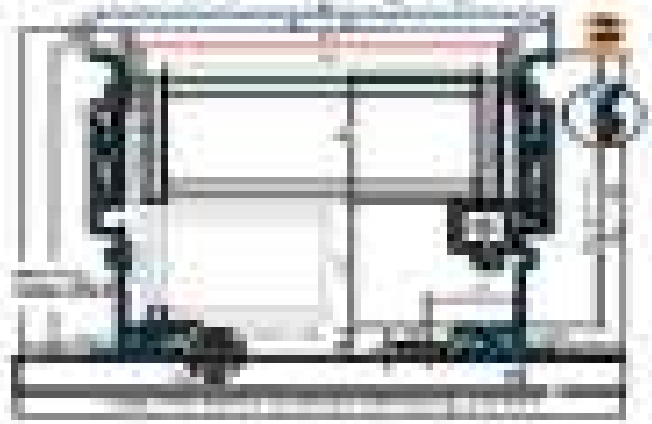

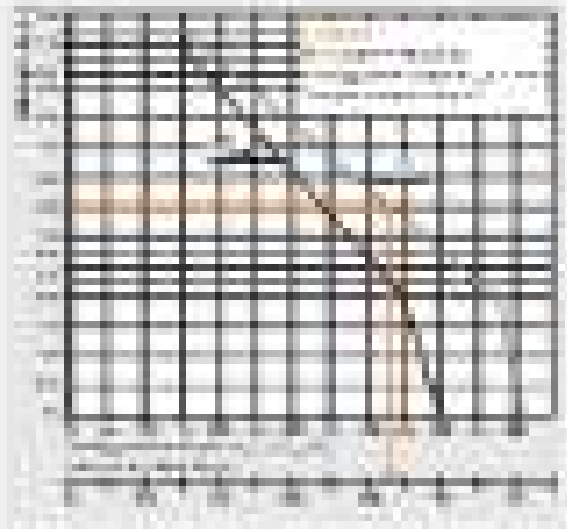

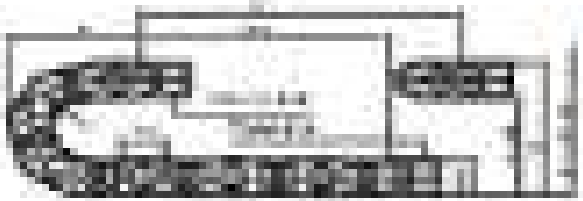

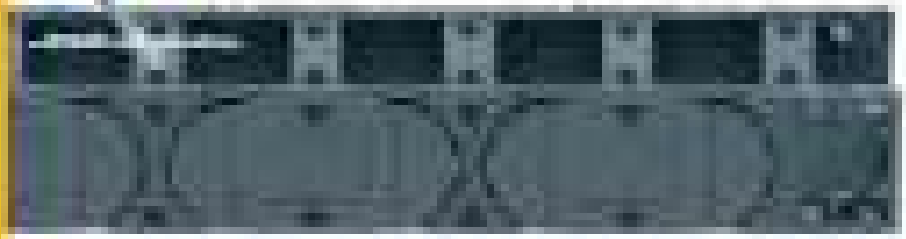

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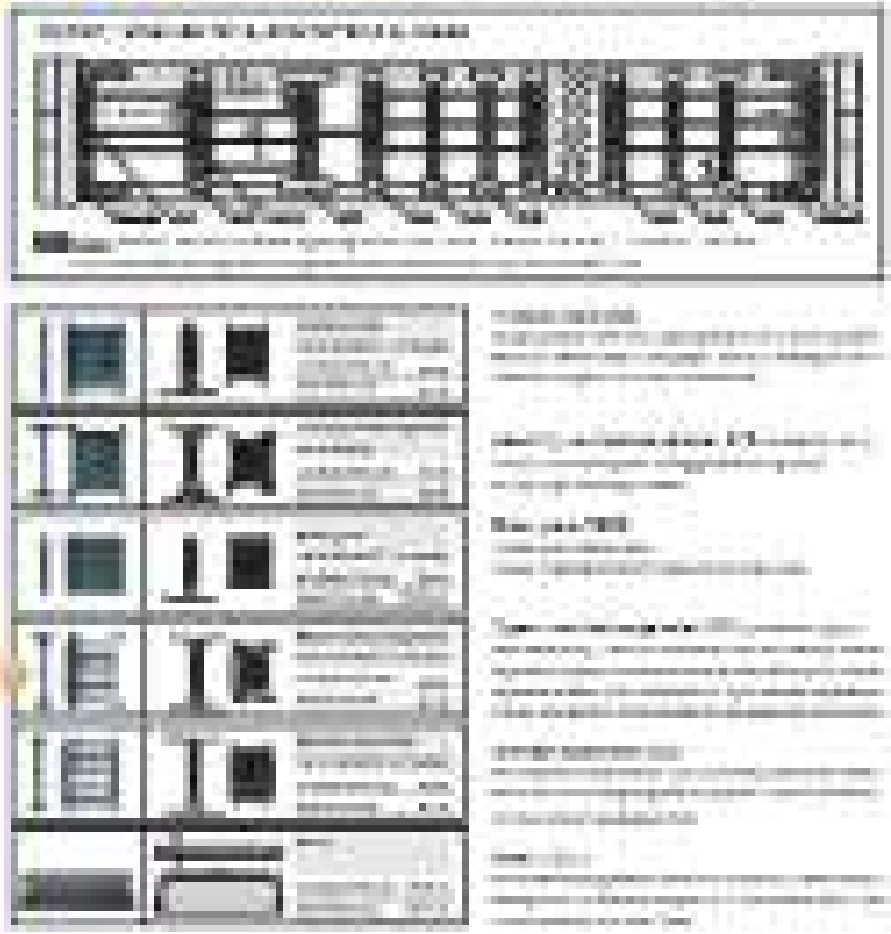
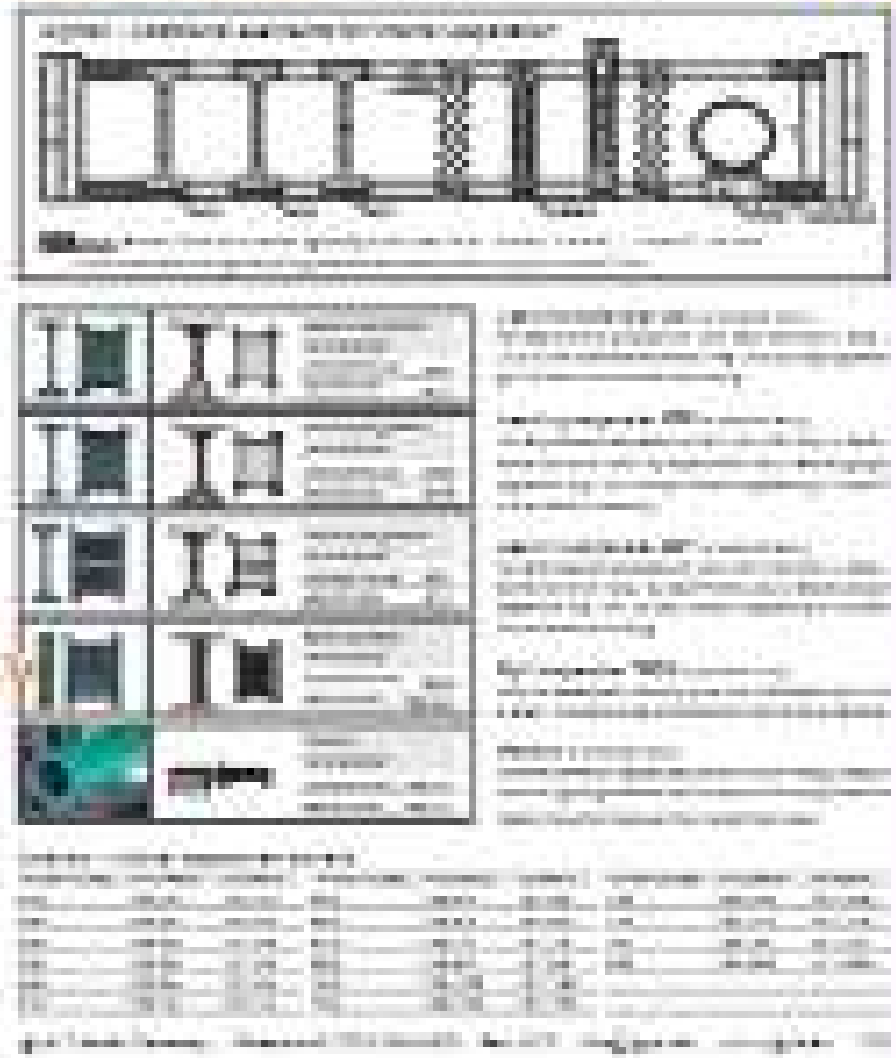
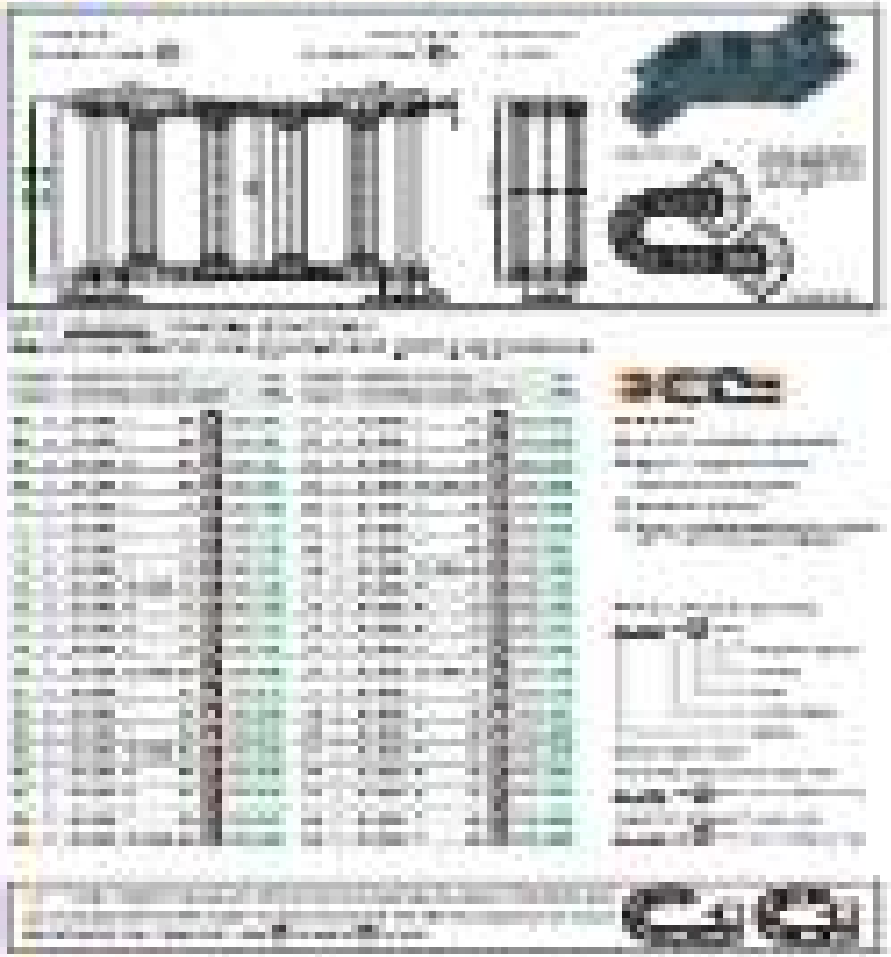
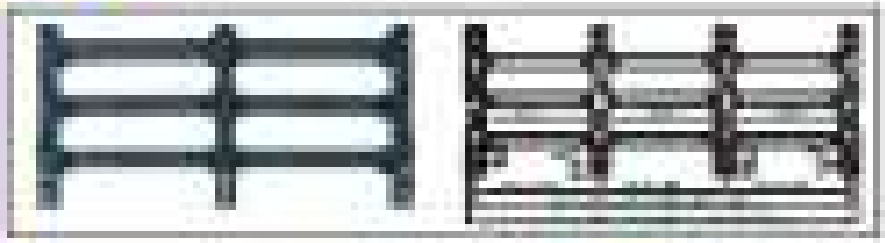
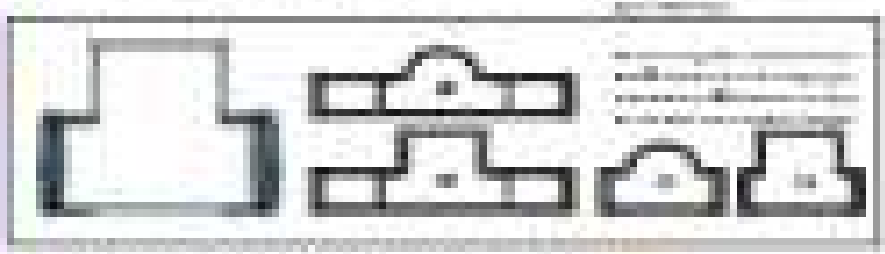
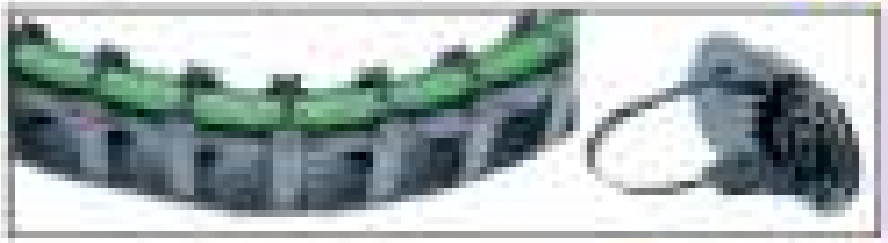


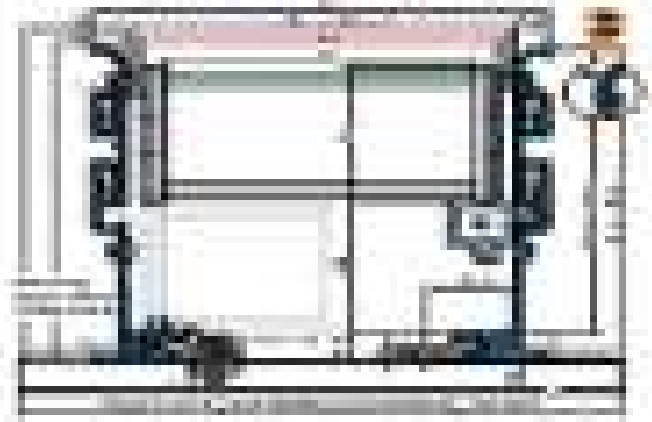






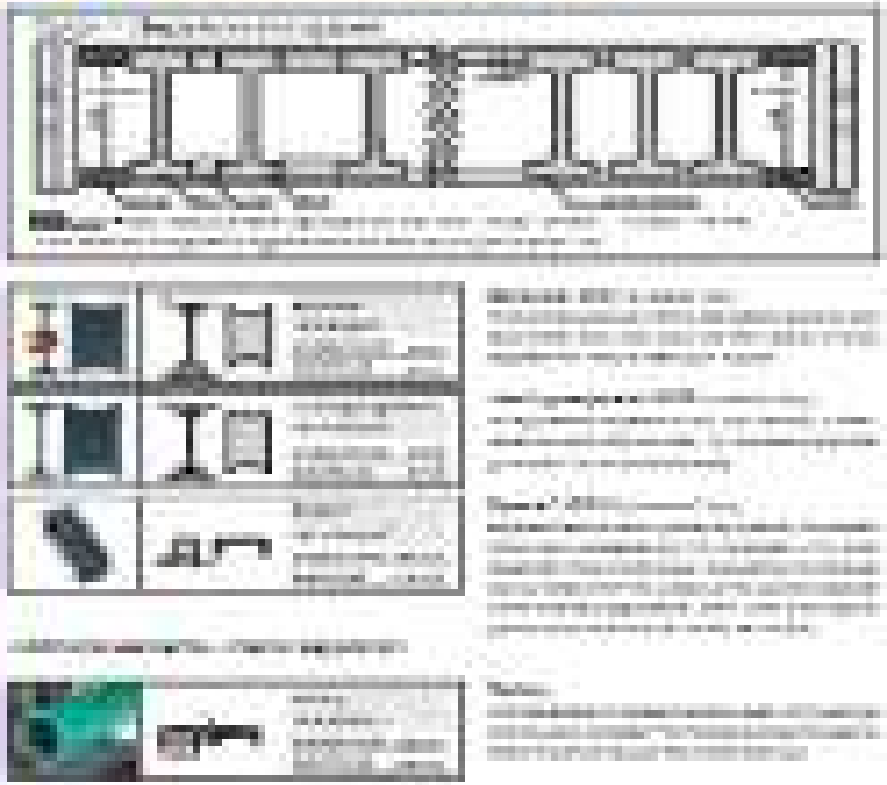


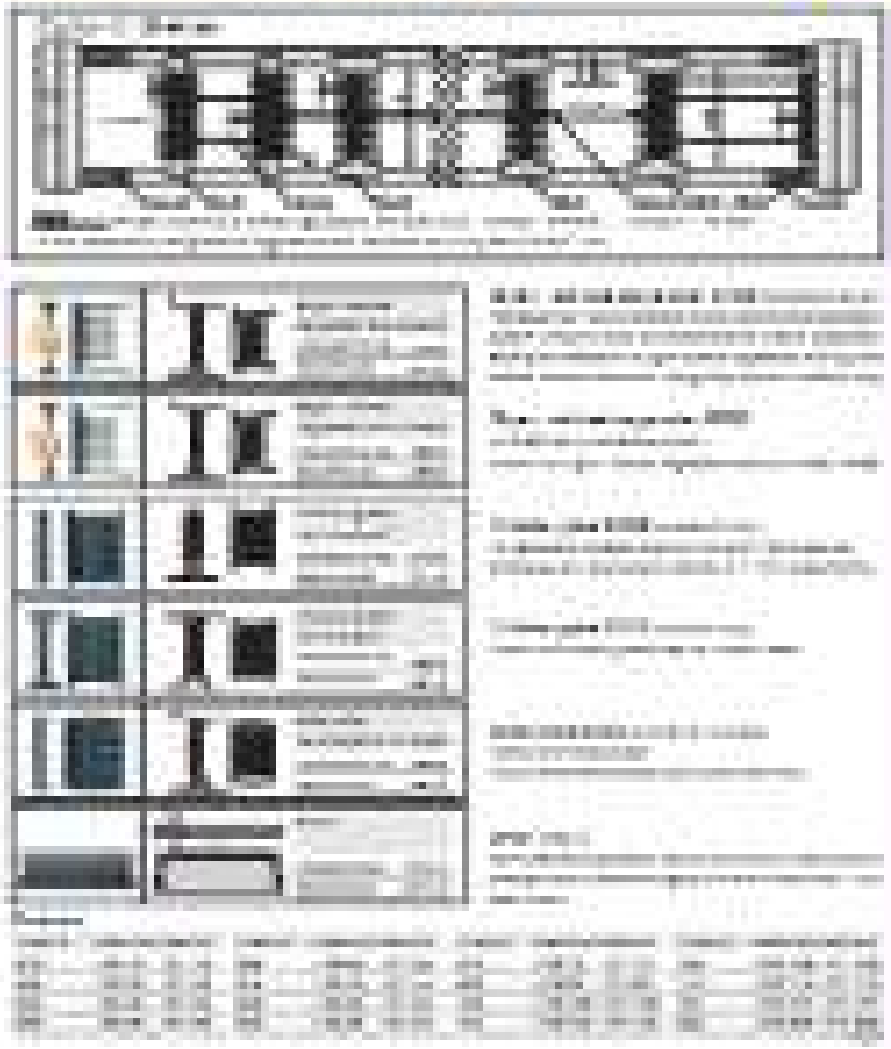


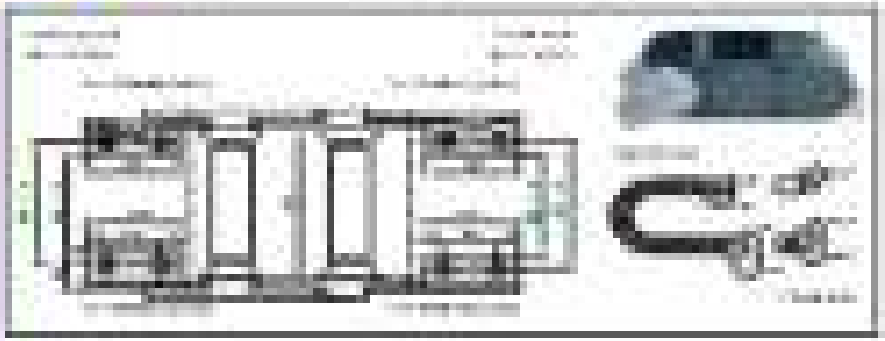


Ex | Series Ex | C | Product range | Standard

[Series 8 | C] Product range | Options







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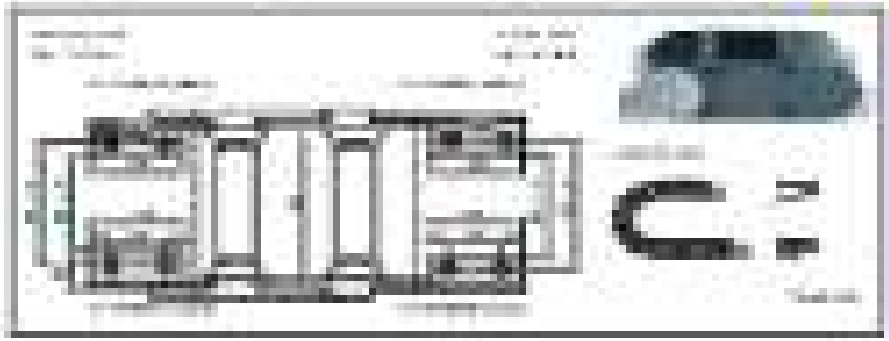
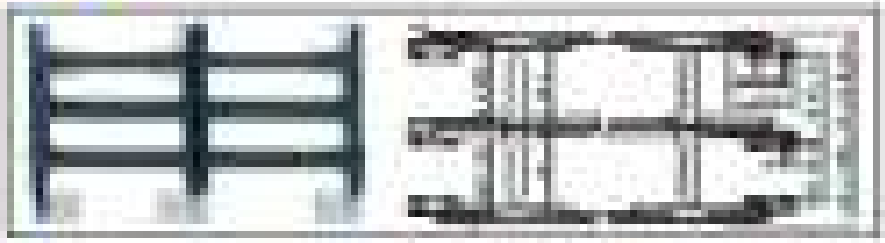
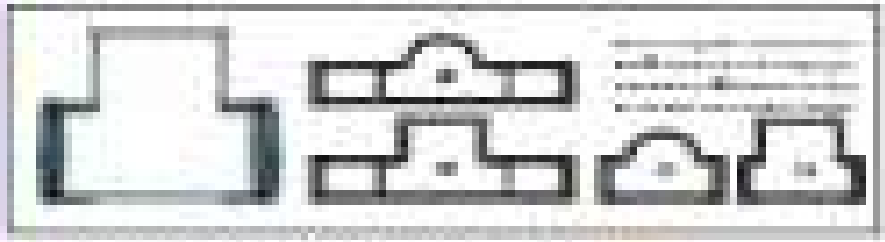
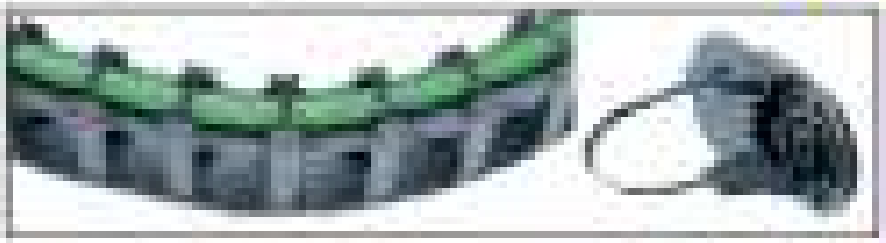
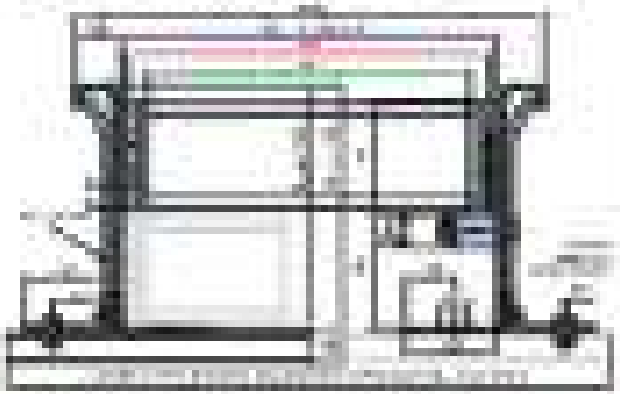
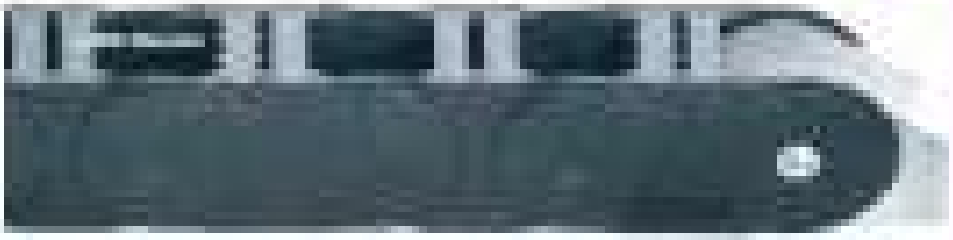


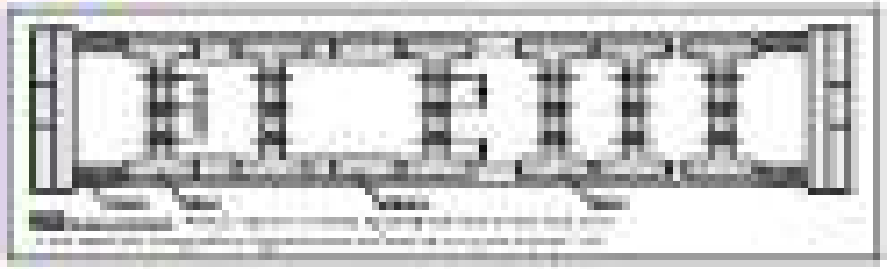


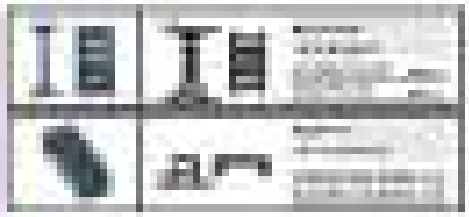


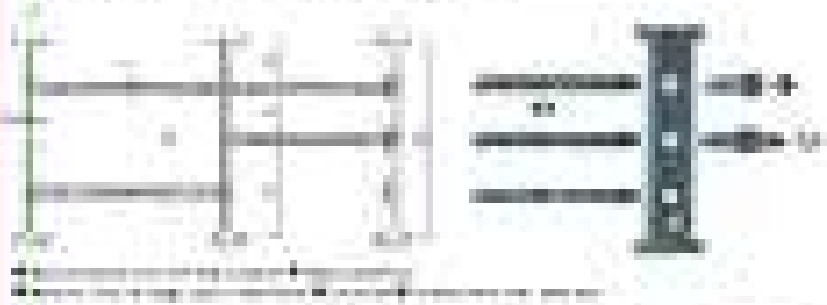


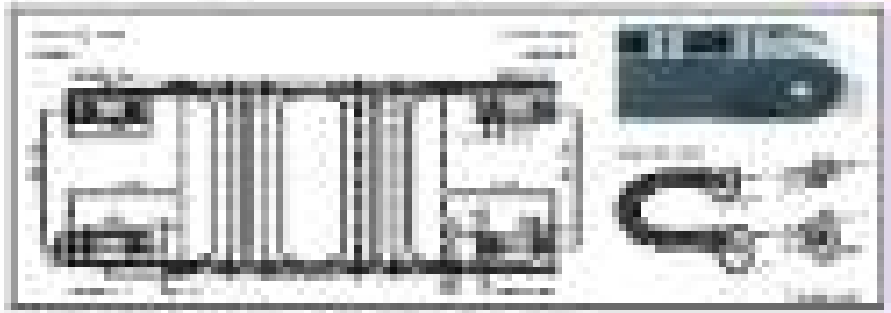


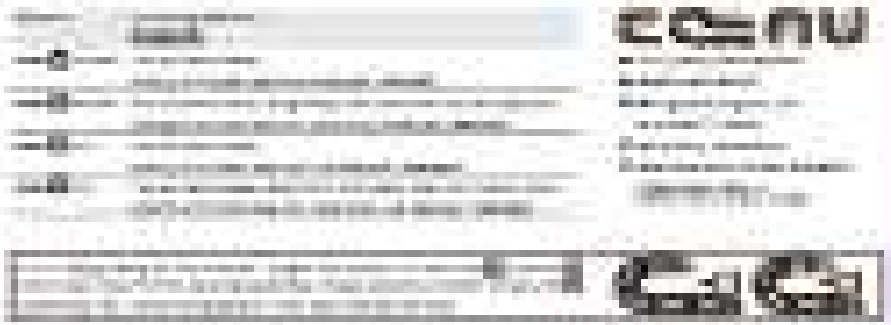


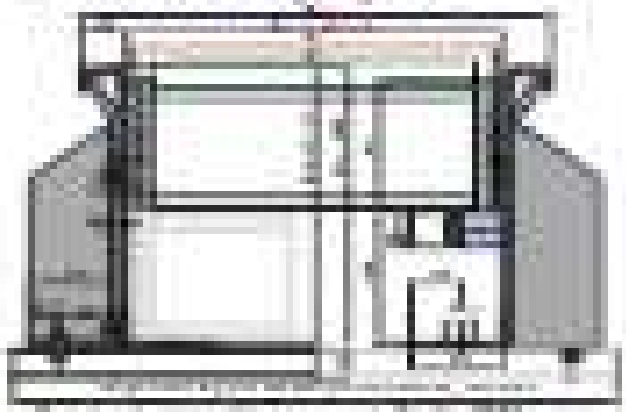


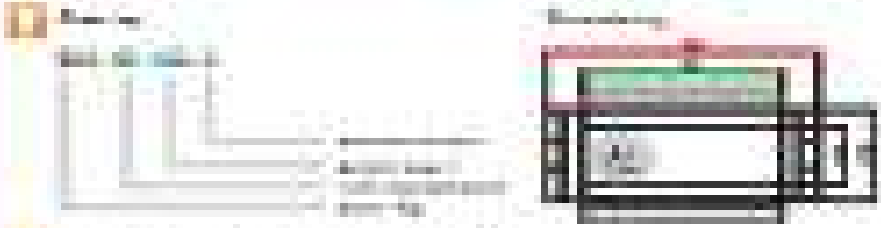


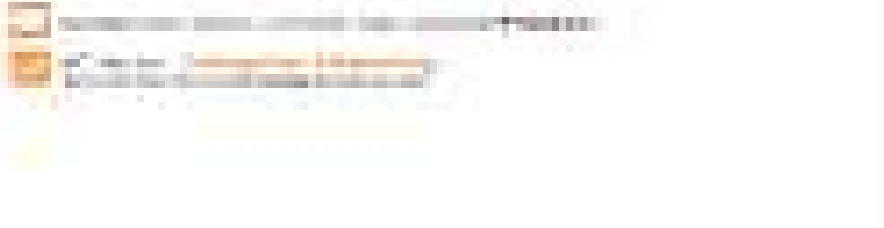


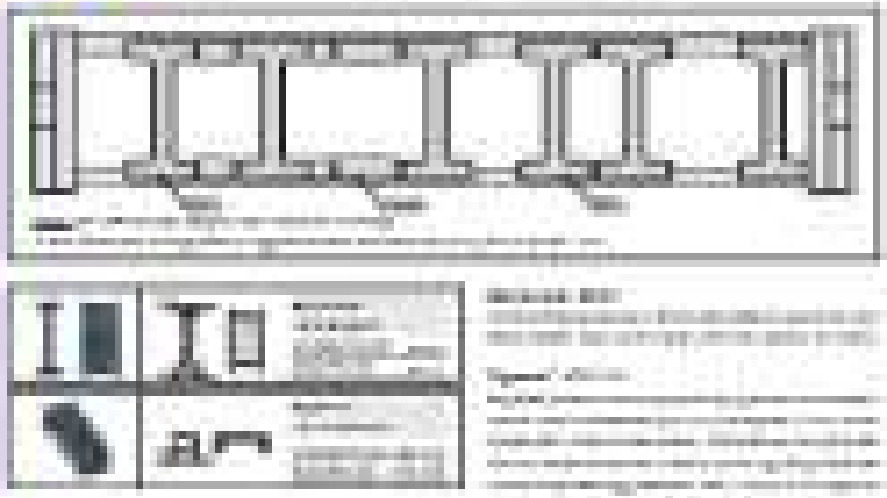


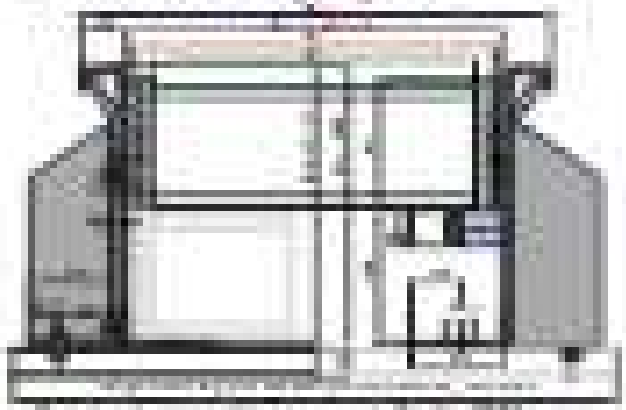


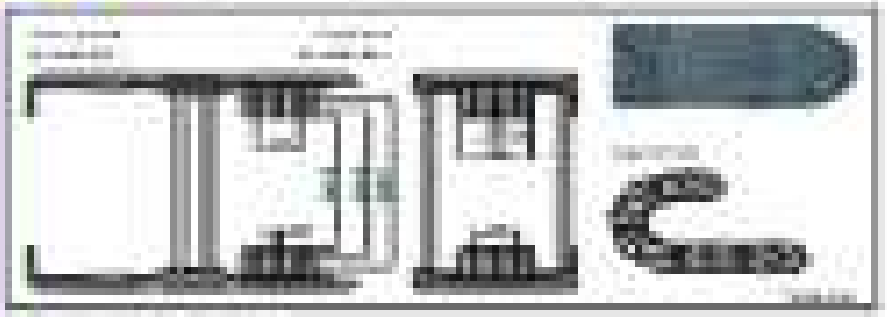








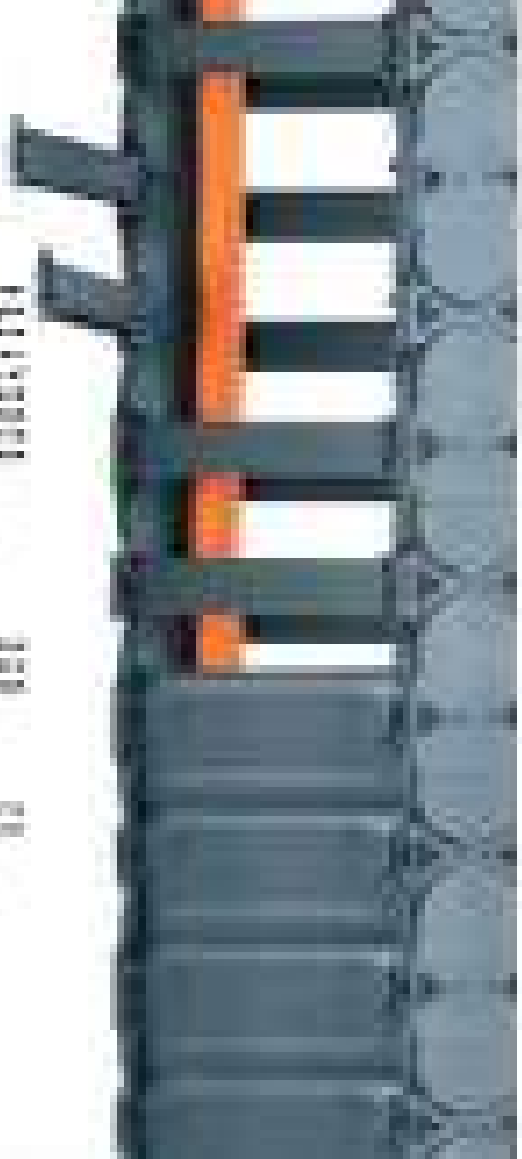


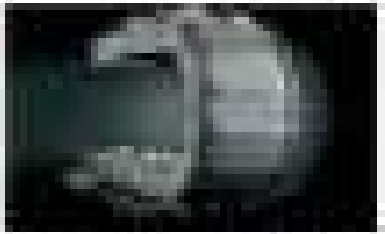


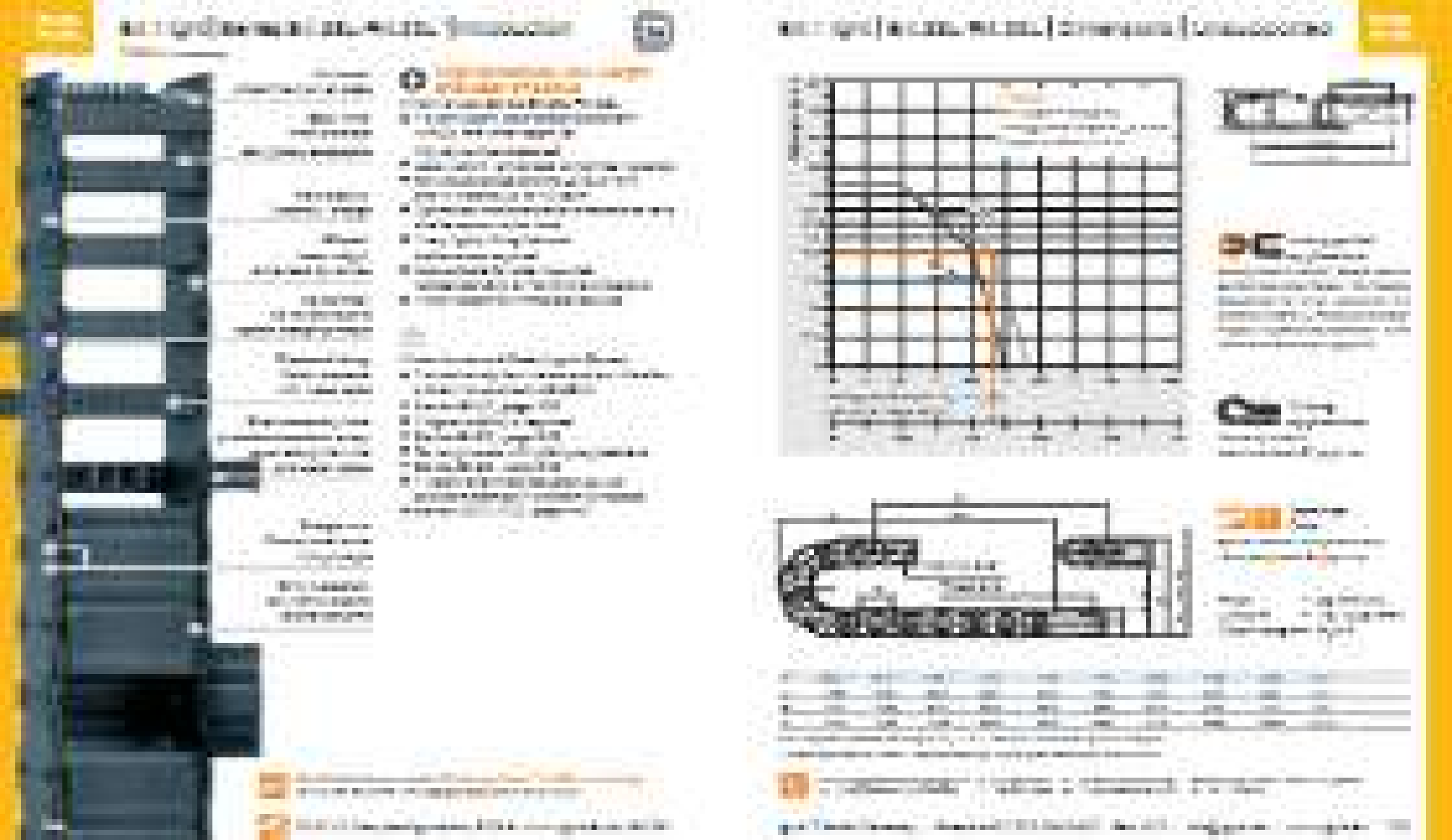
igus®
E4.1 light

e-chains® and e-tubes,
high dynamics, light
and cost-effective

High-dynamics, light and cost-effective – E4.3 light







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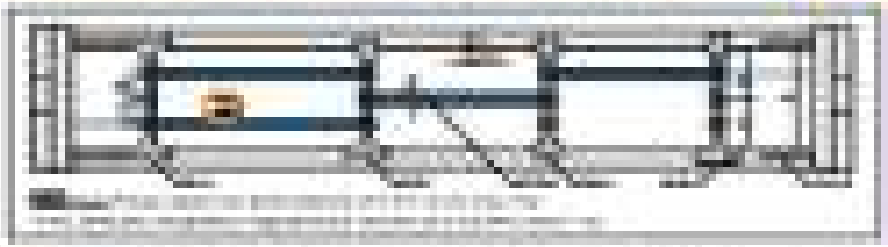

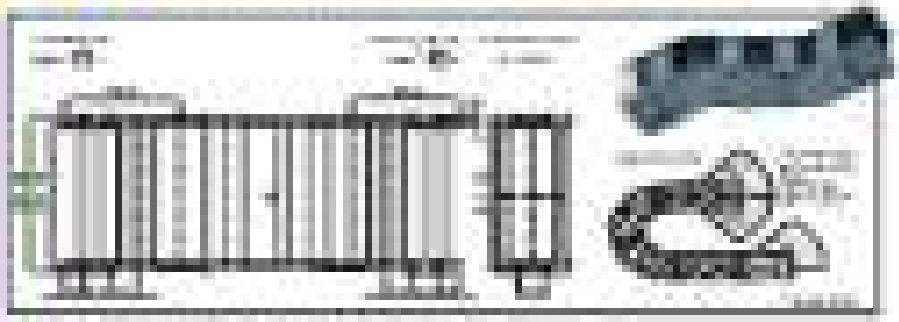

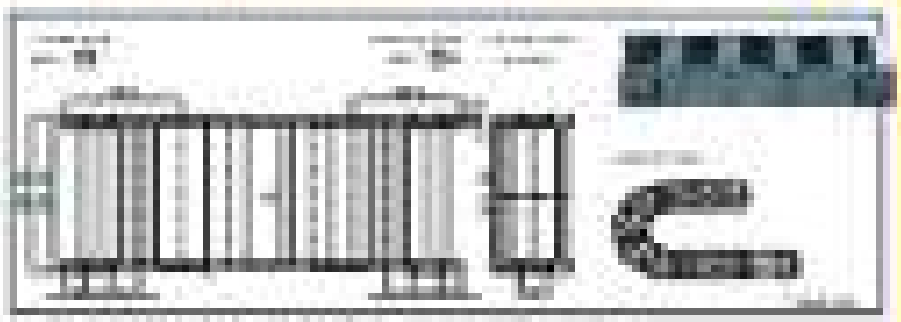

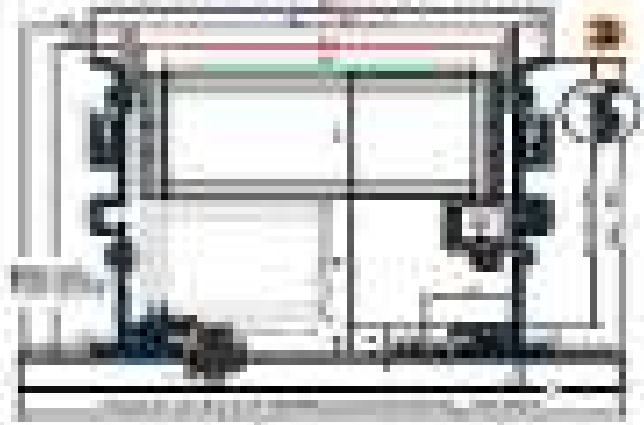

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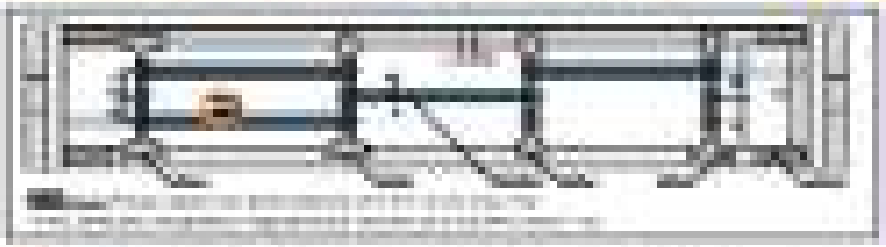
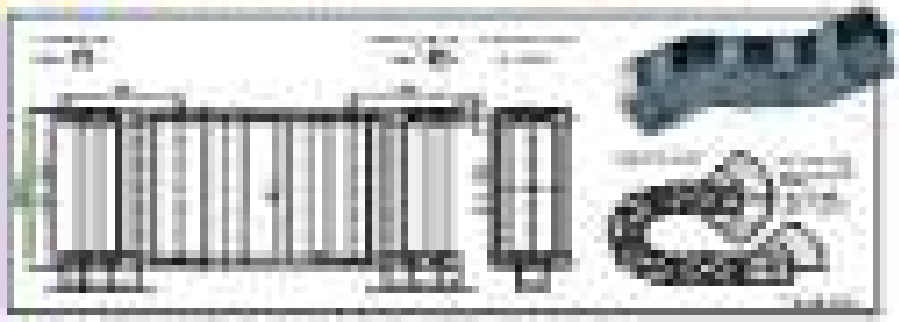
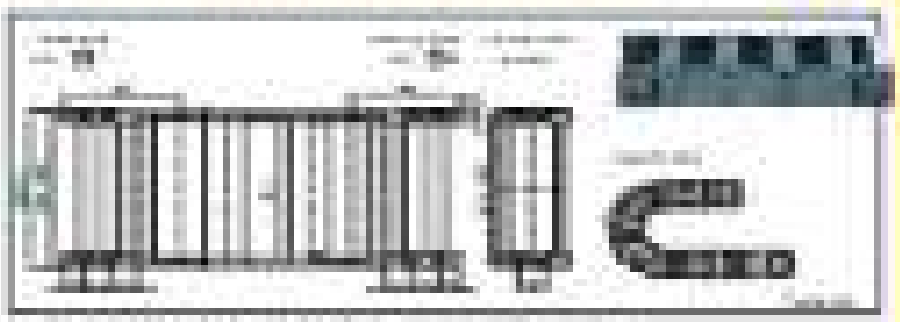
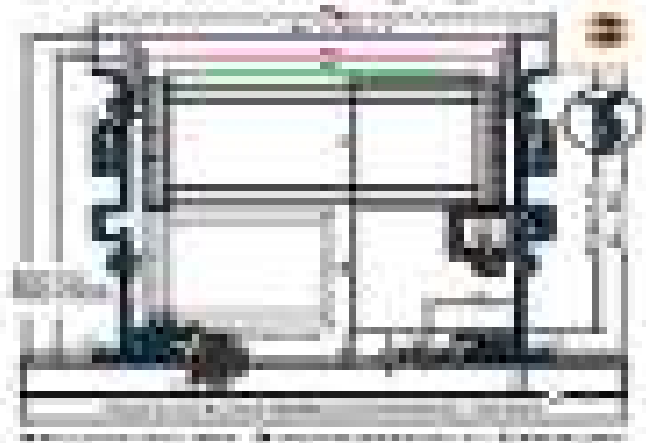


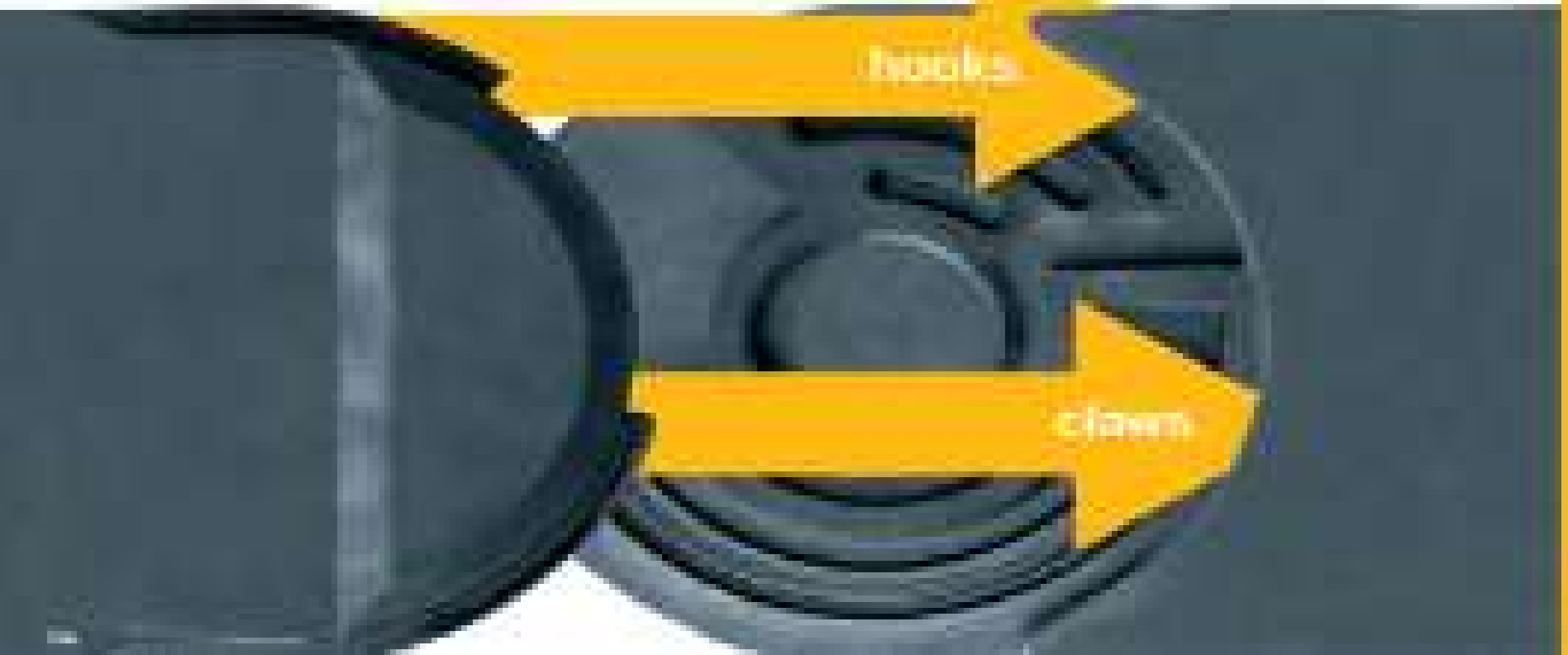




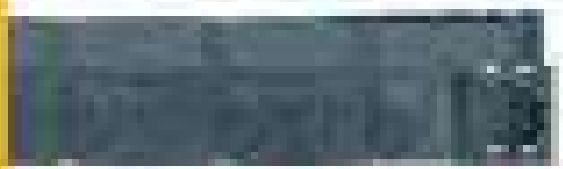


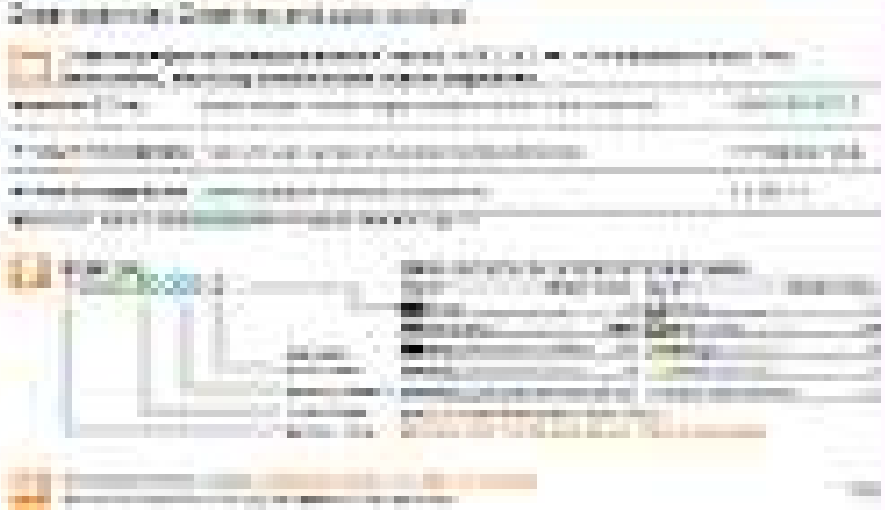
igus®

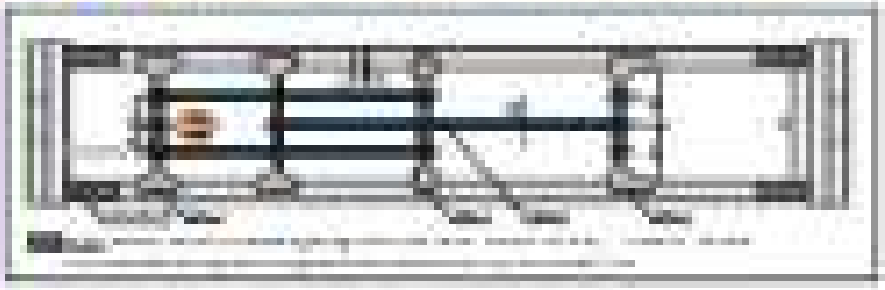
E4/light

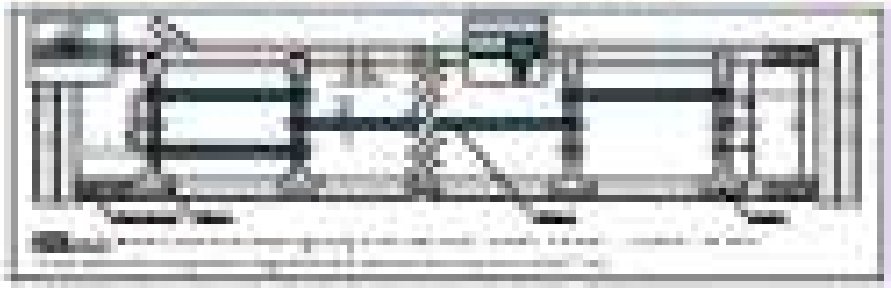


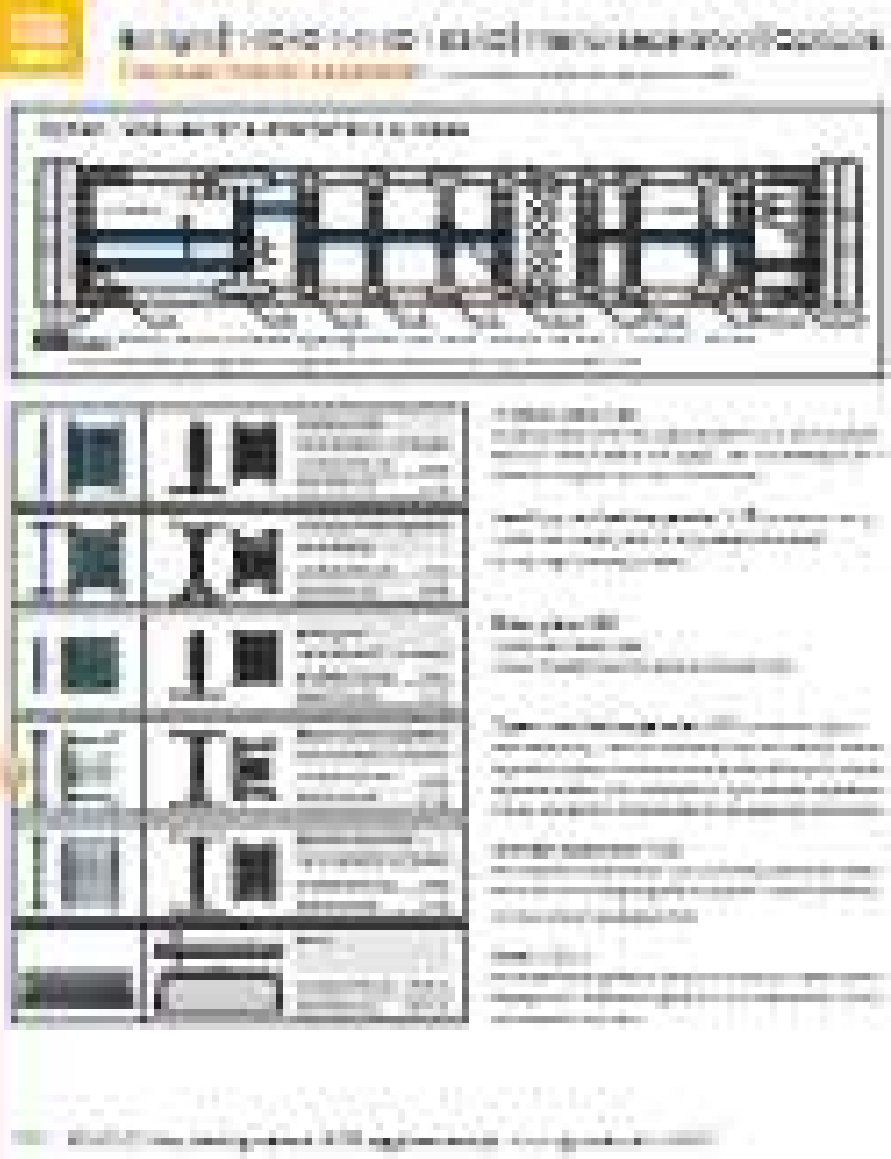
Light, stable and cost-effective – Eklight

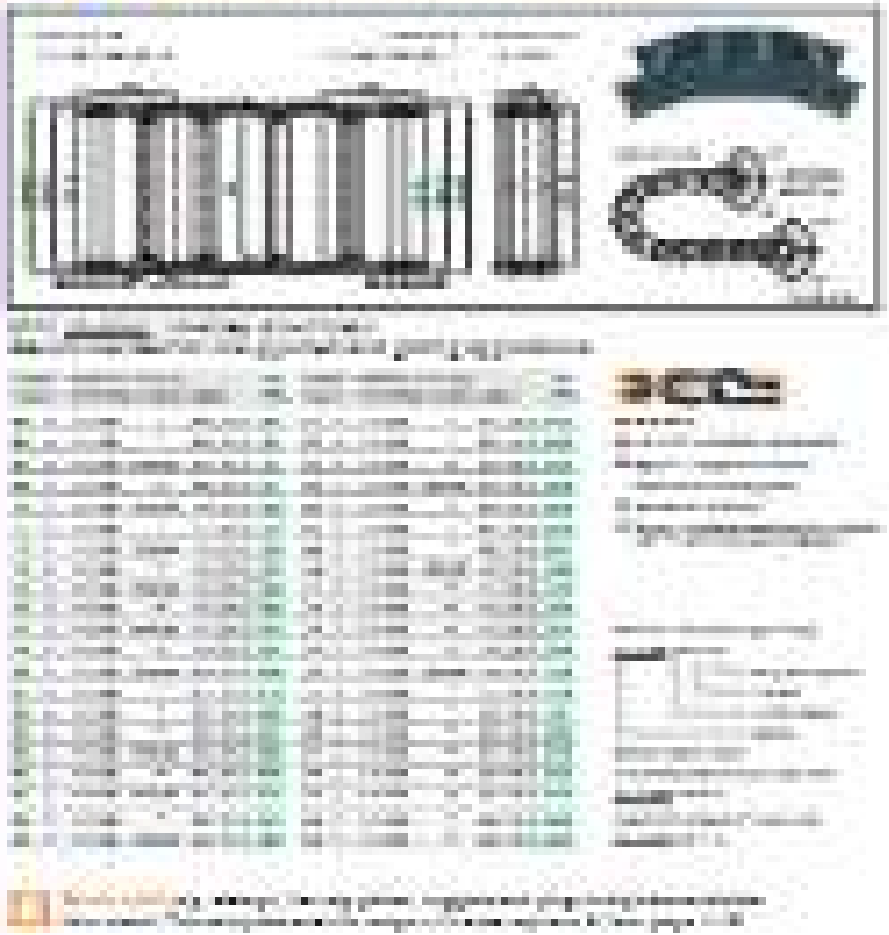


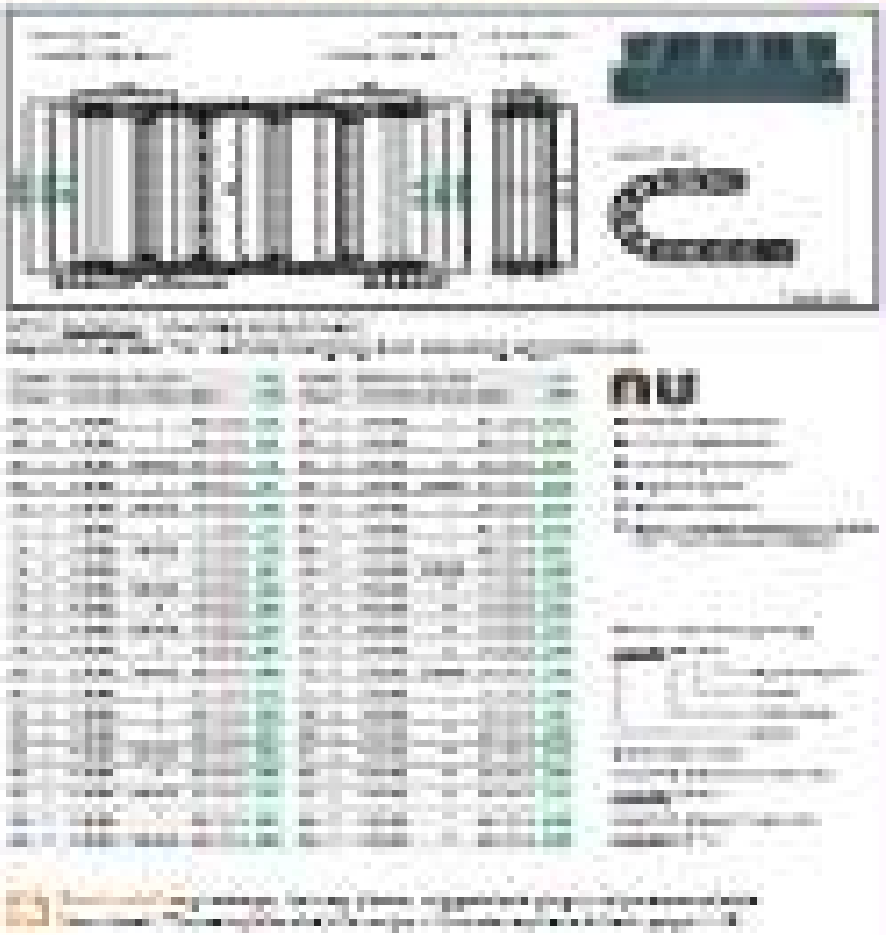


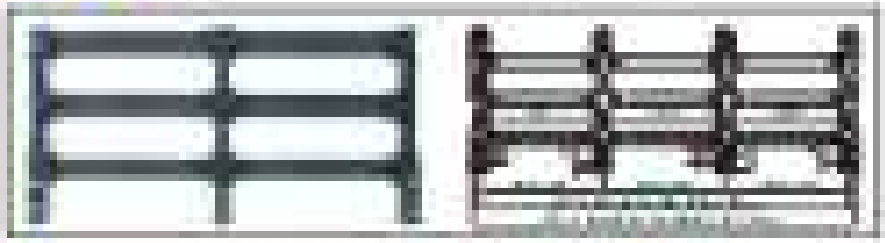


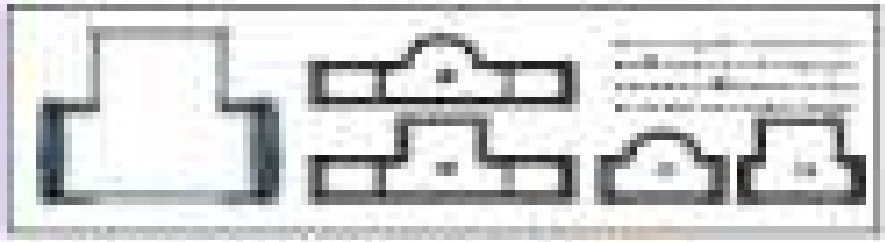


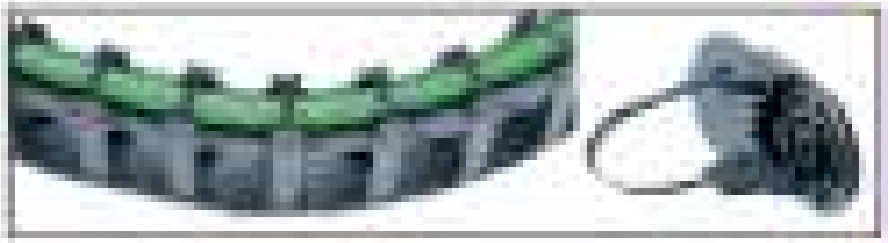


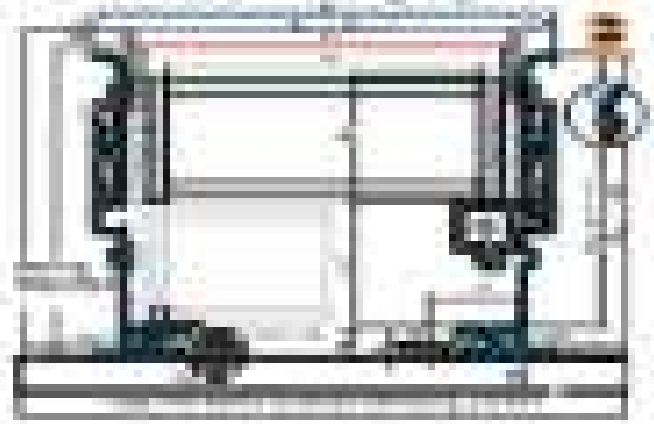


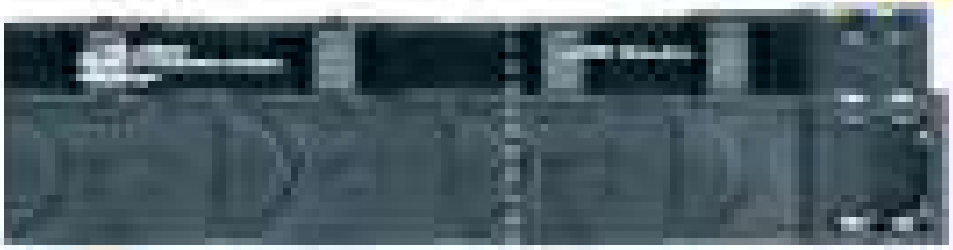


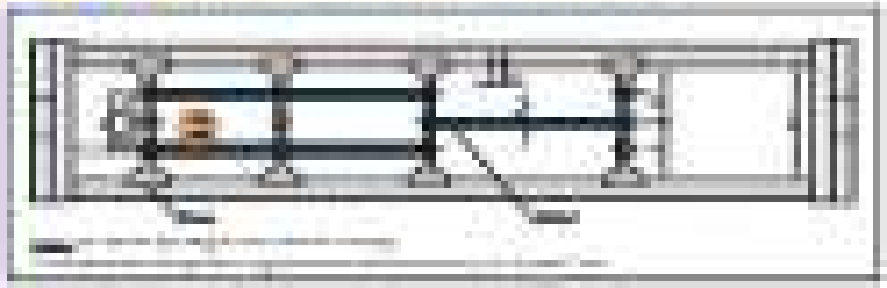


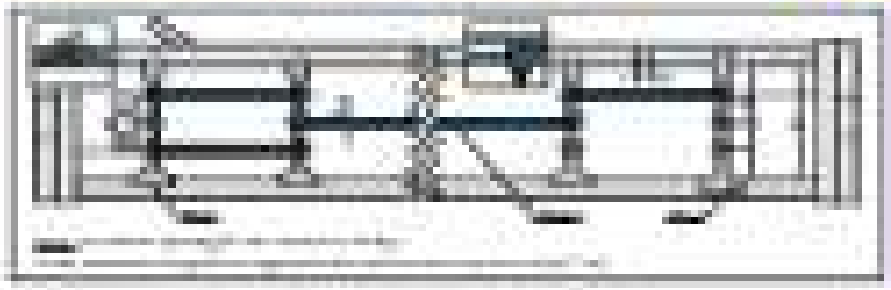


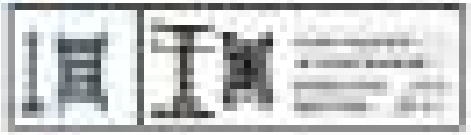


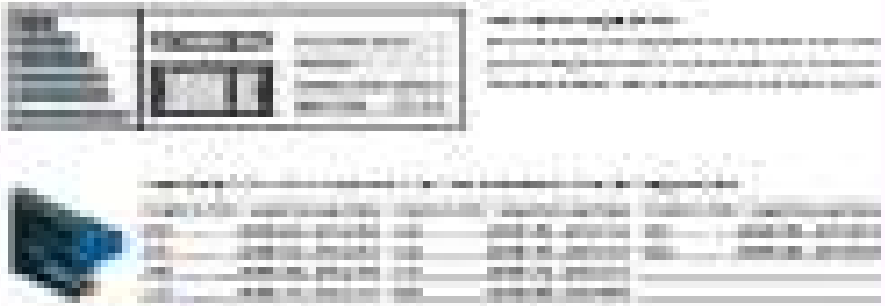


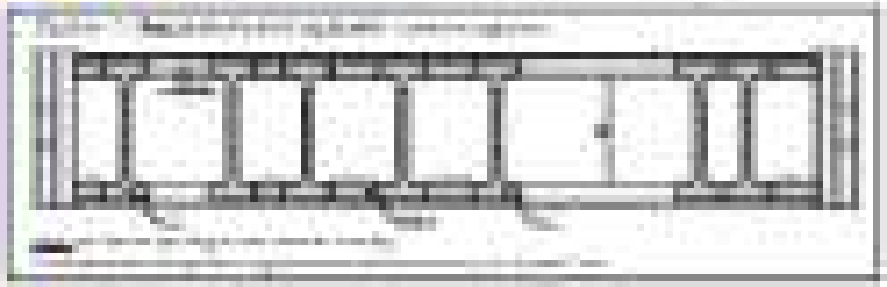


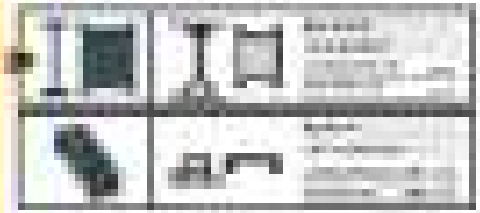


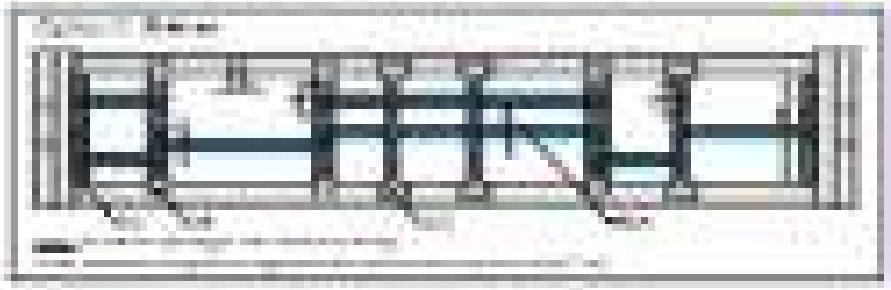


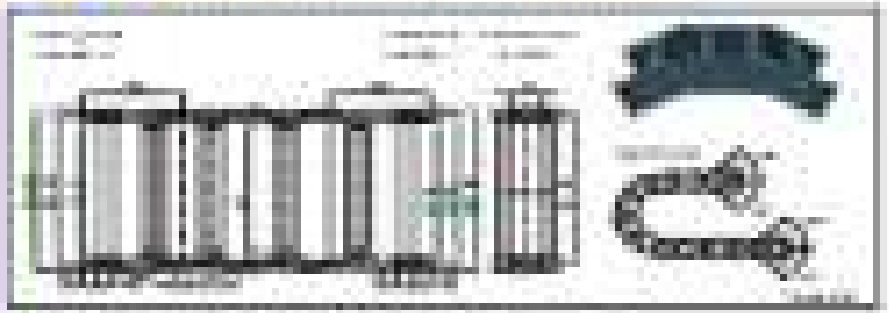


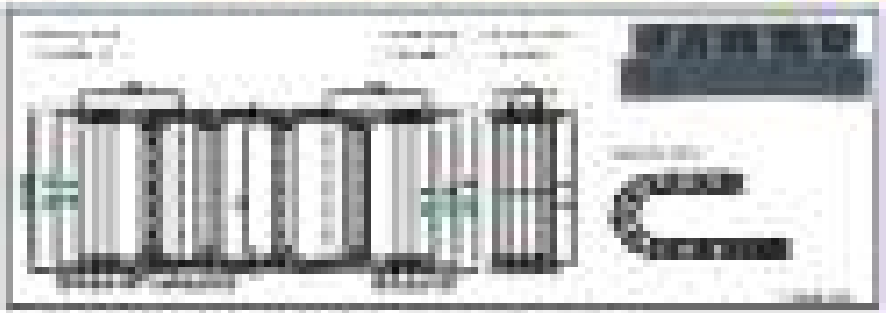


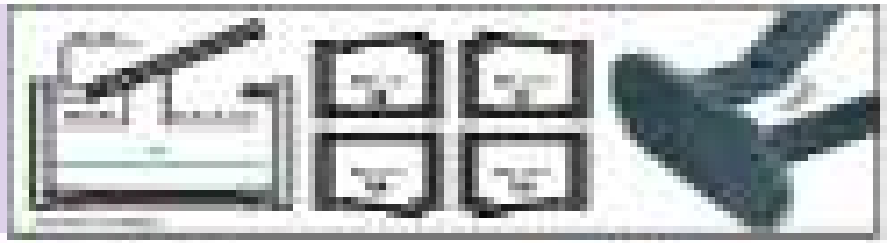


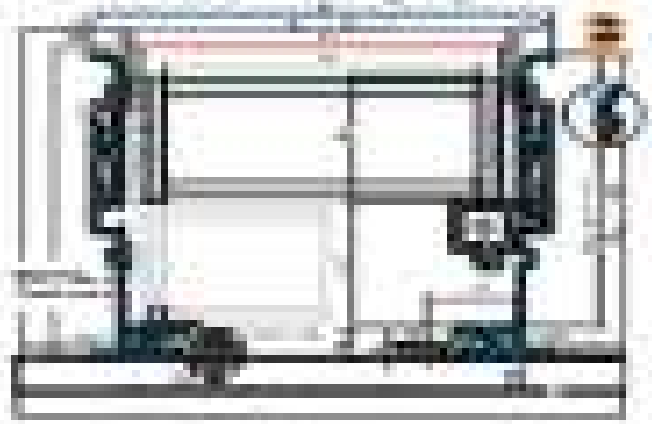


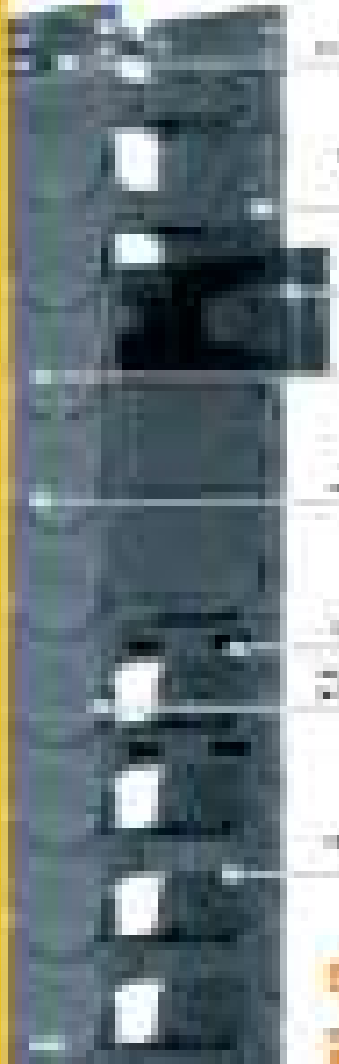


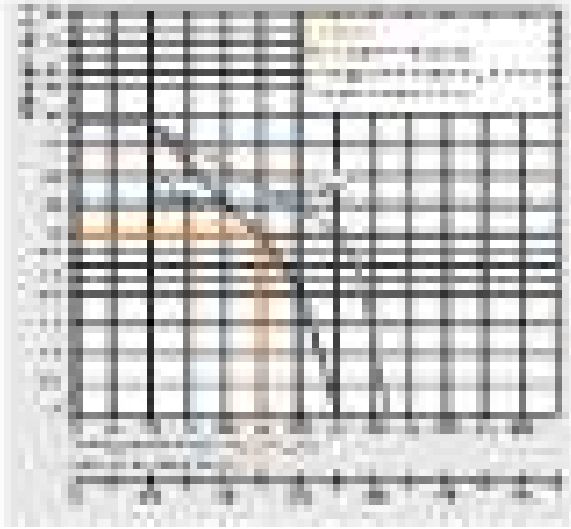


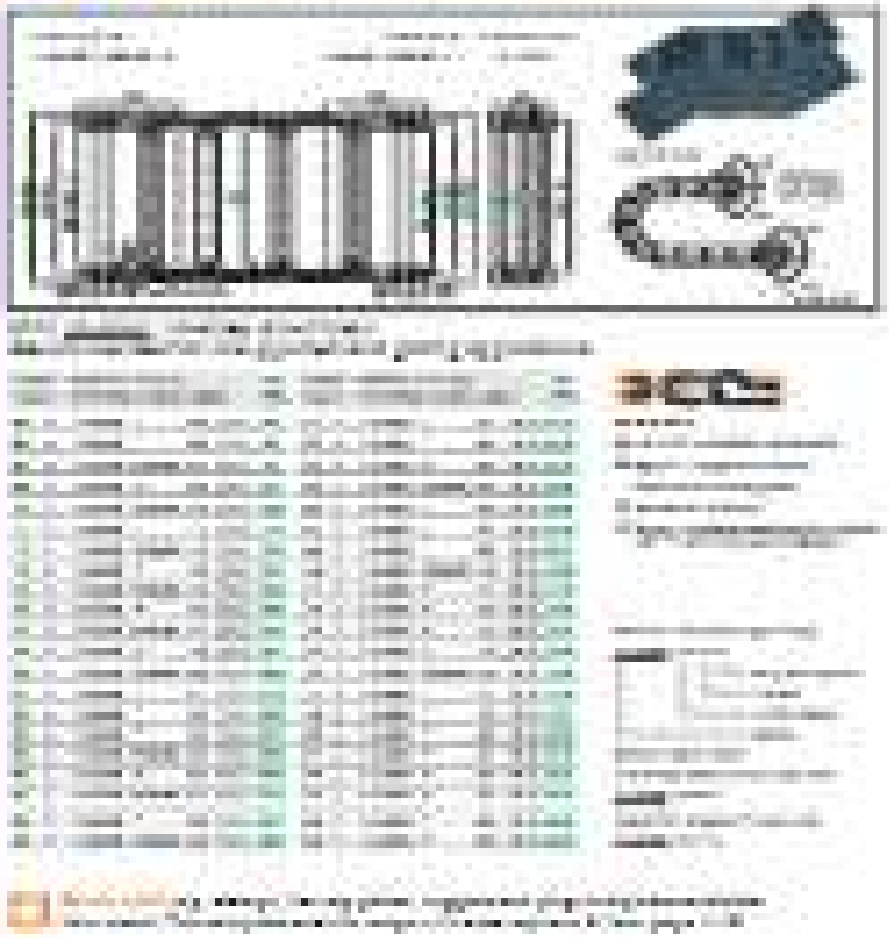


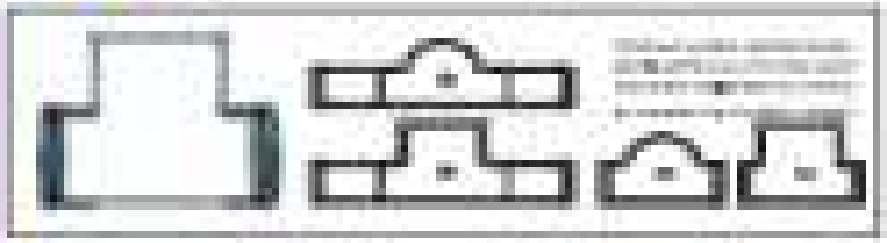


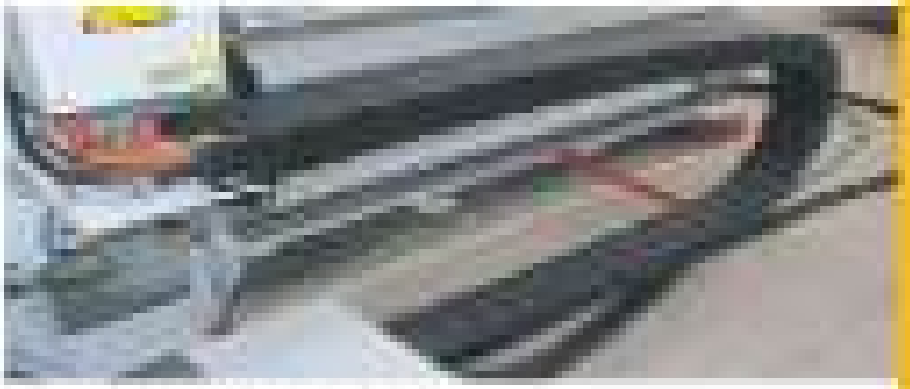


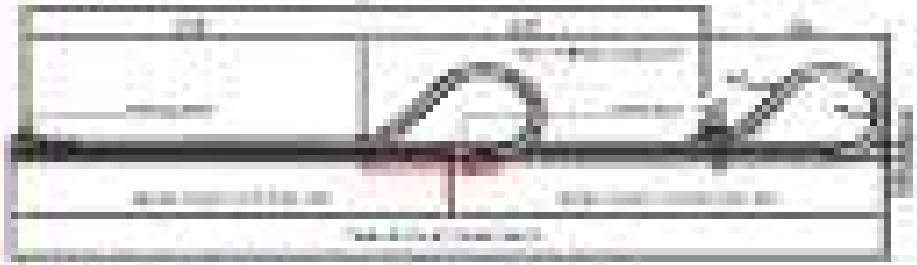


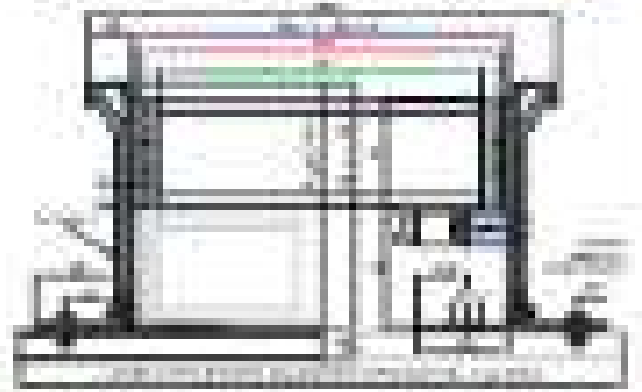


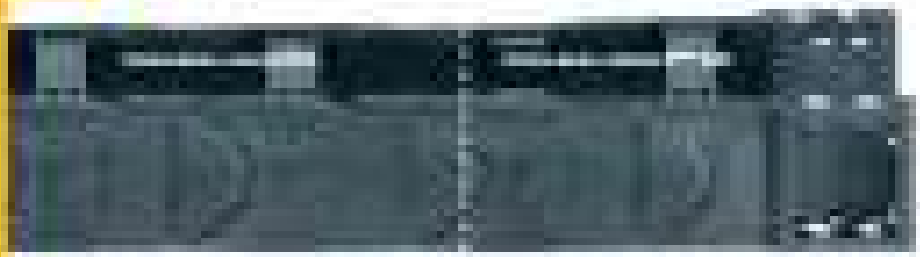


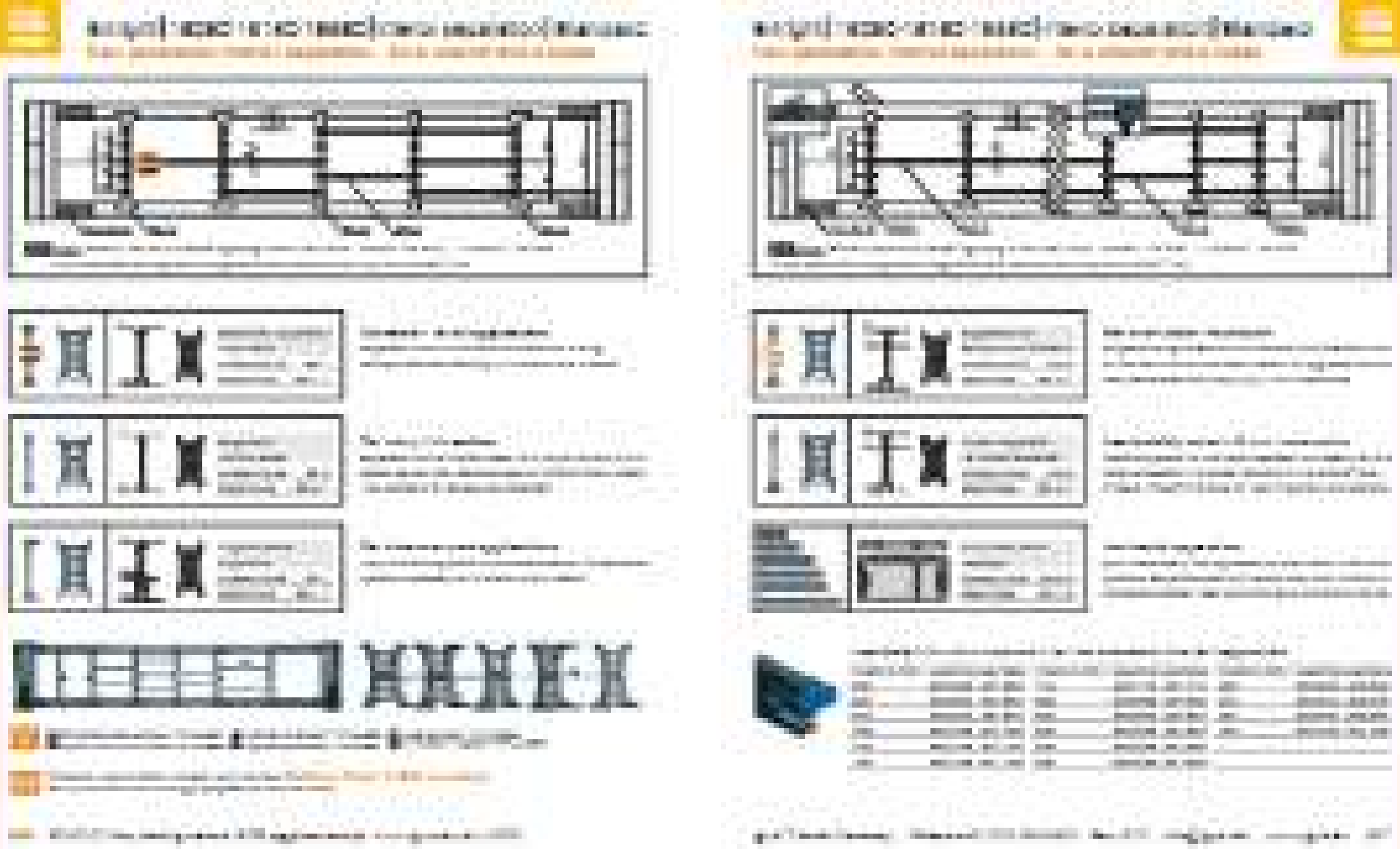


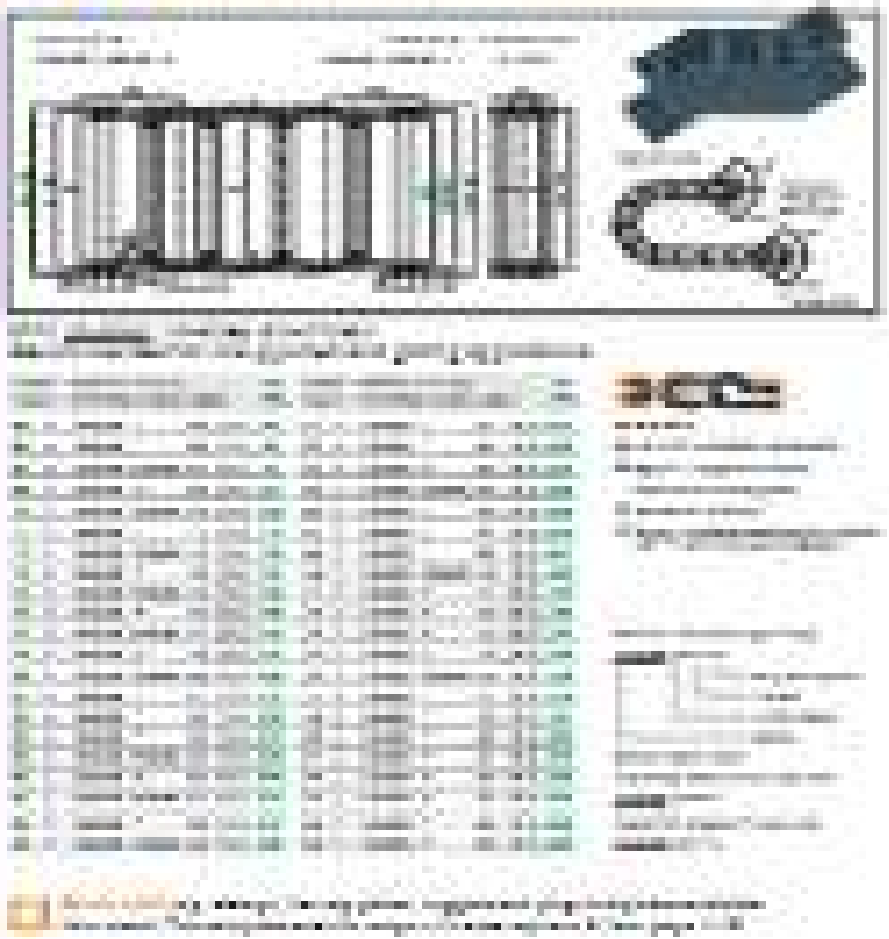


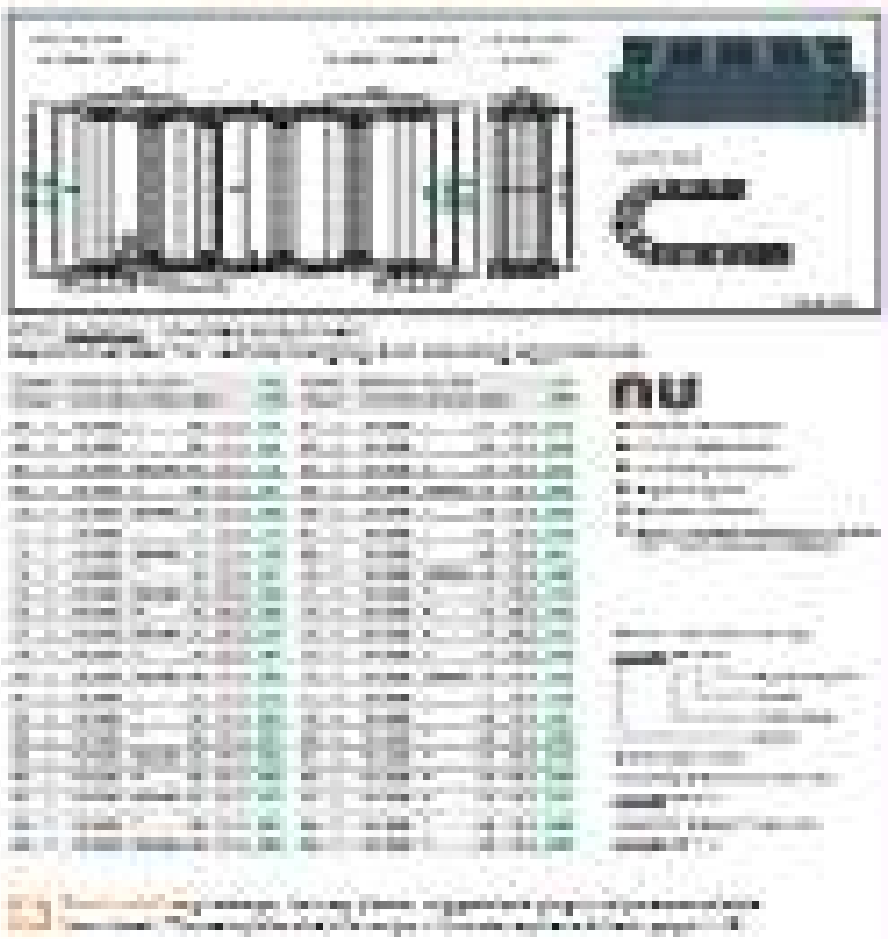


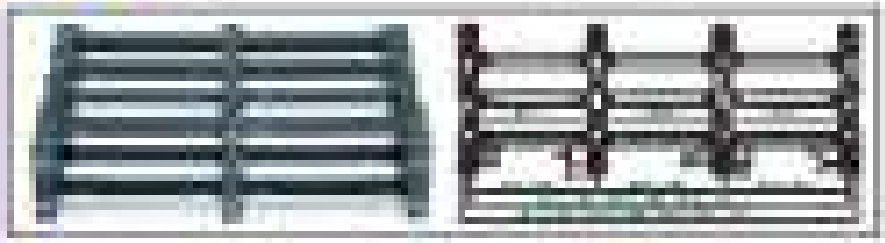


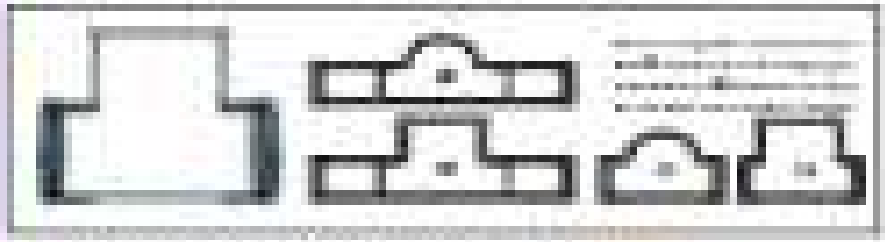


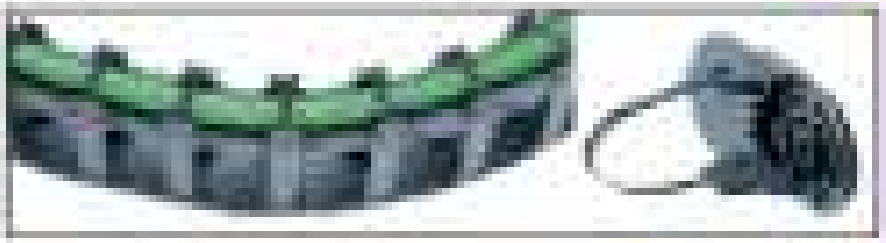


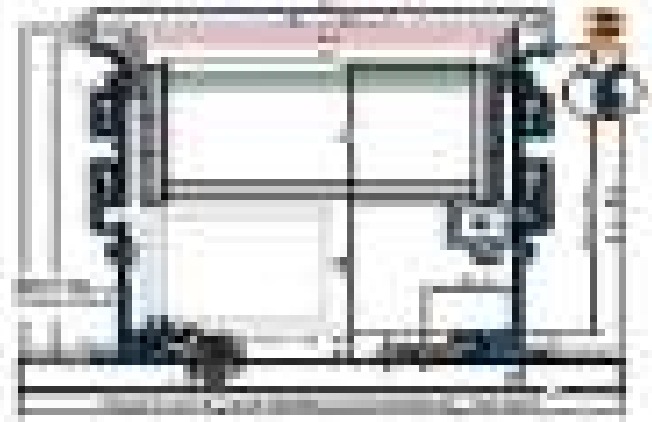




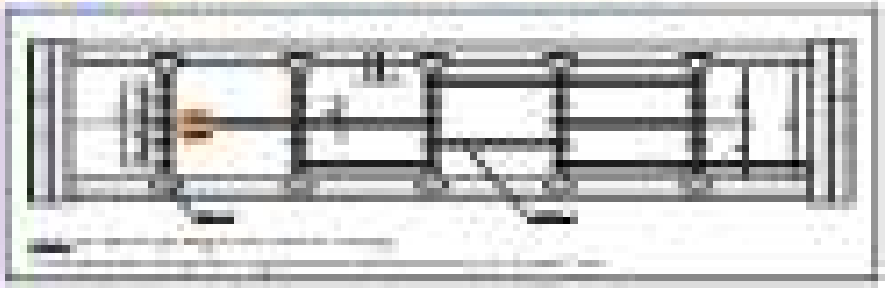


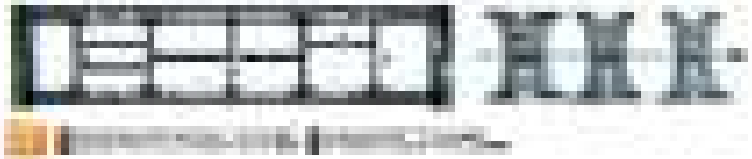


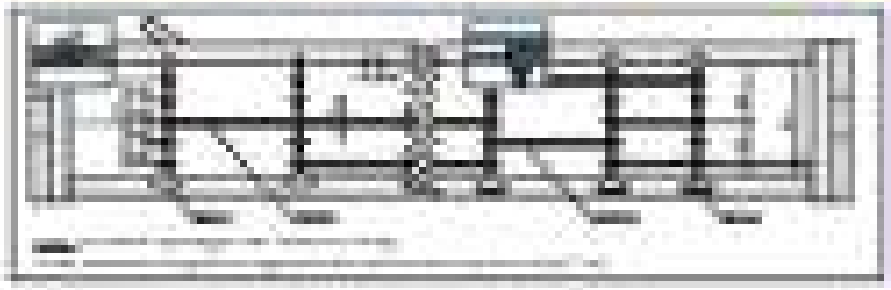


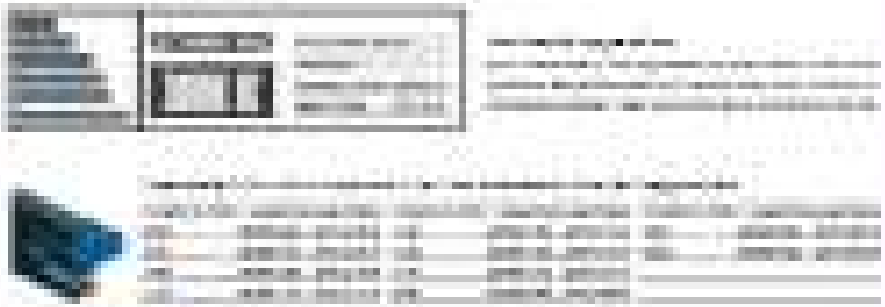


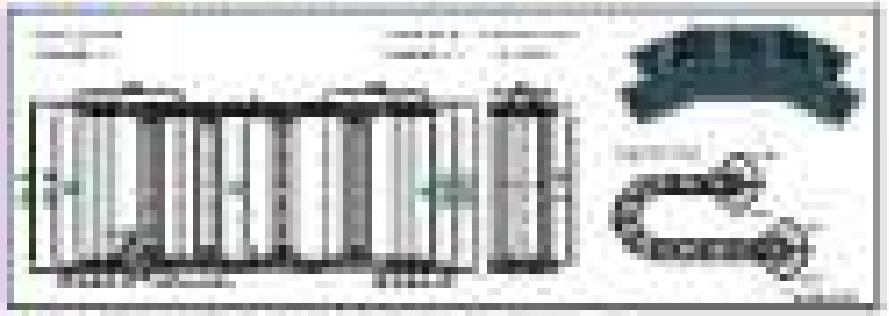
Kurgin | Series 1030 1050 | Product range | Standard

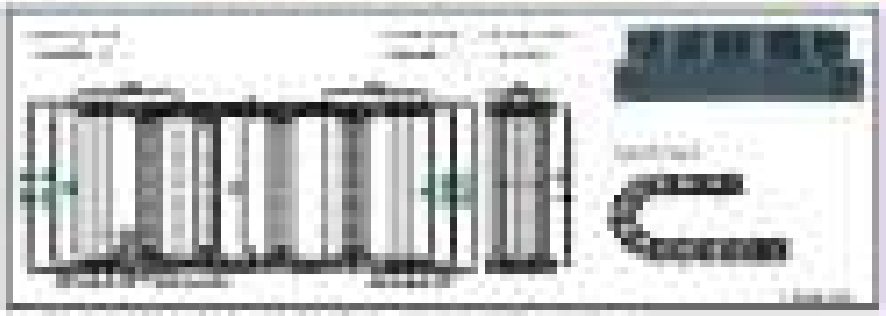


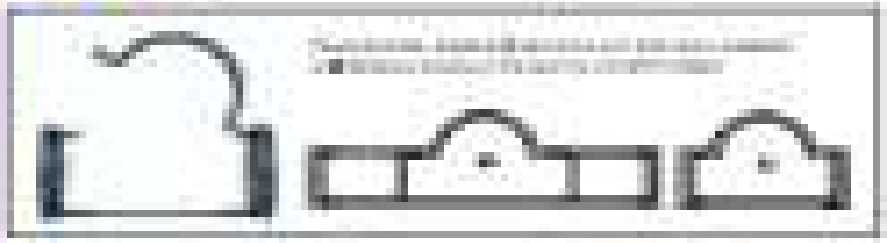


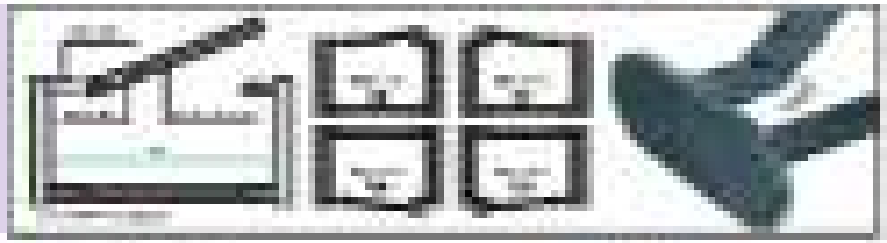


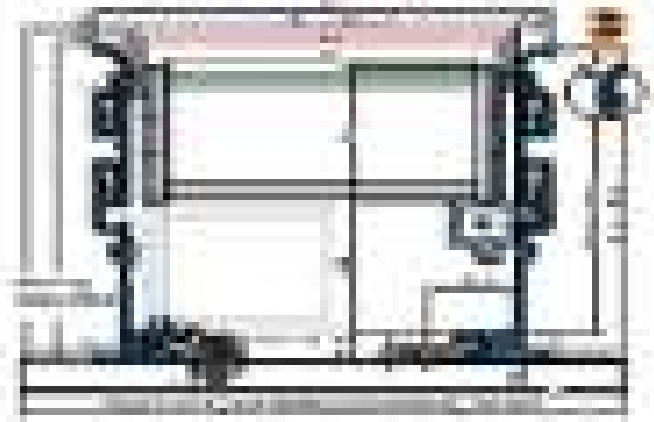




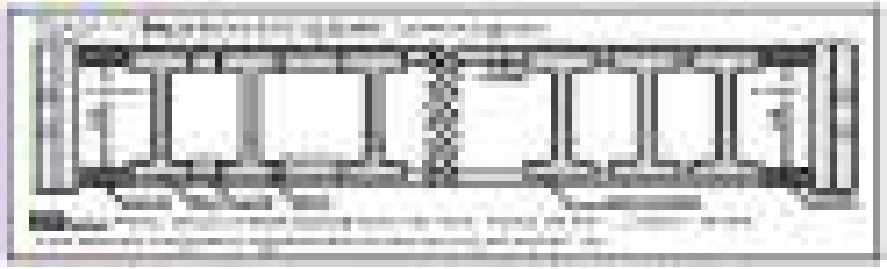


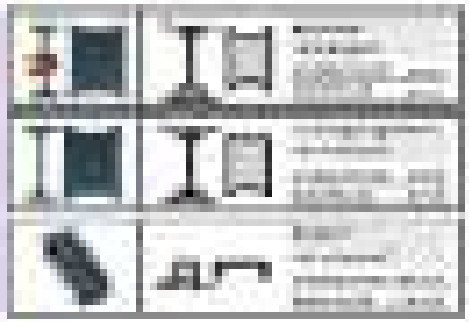


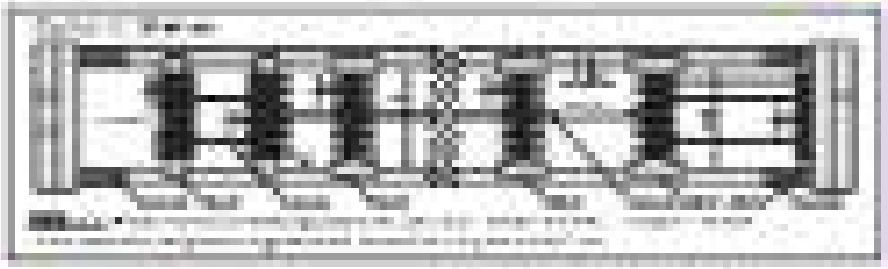


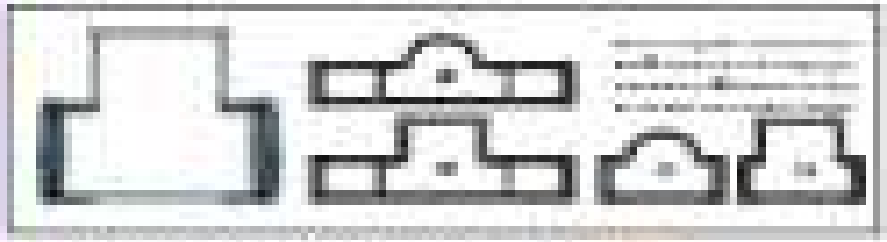


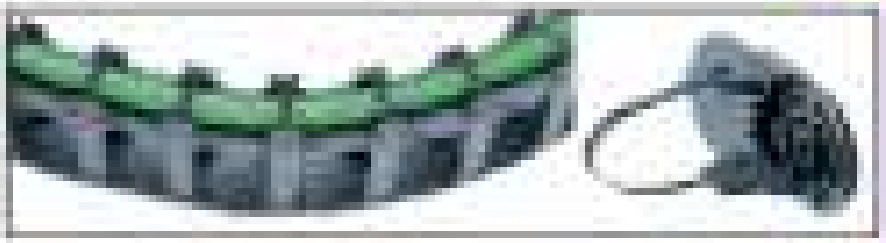
[illegible] | Series [illegible] | Product range | Options

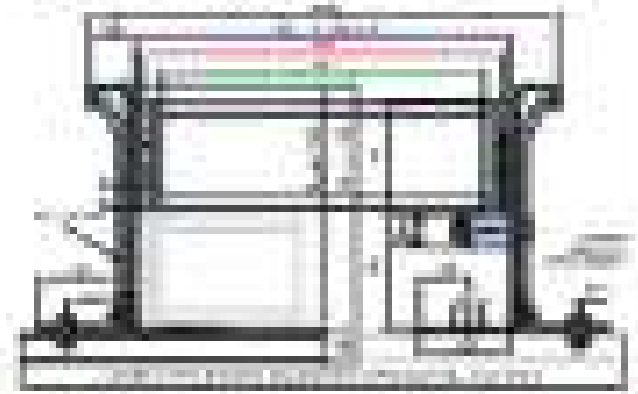


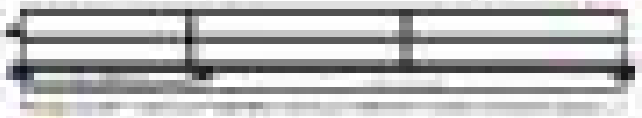


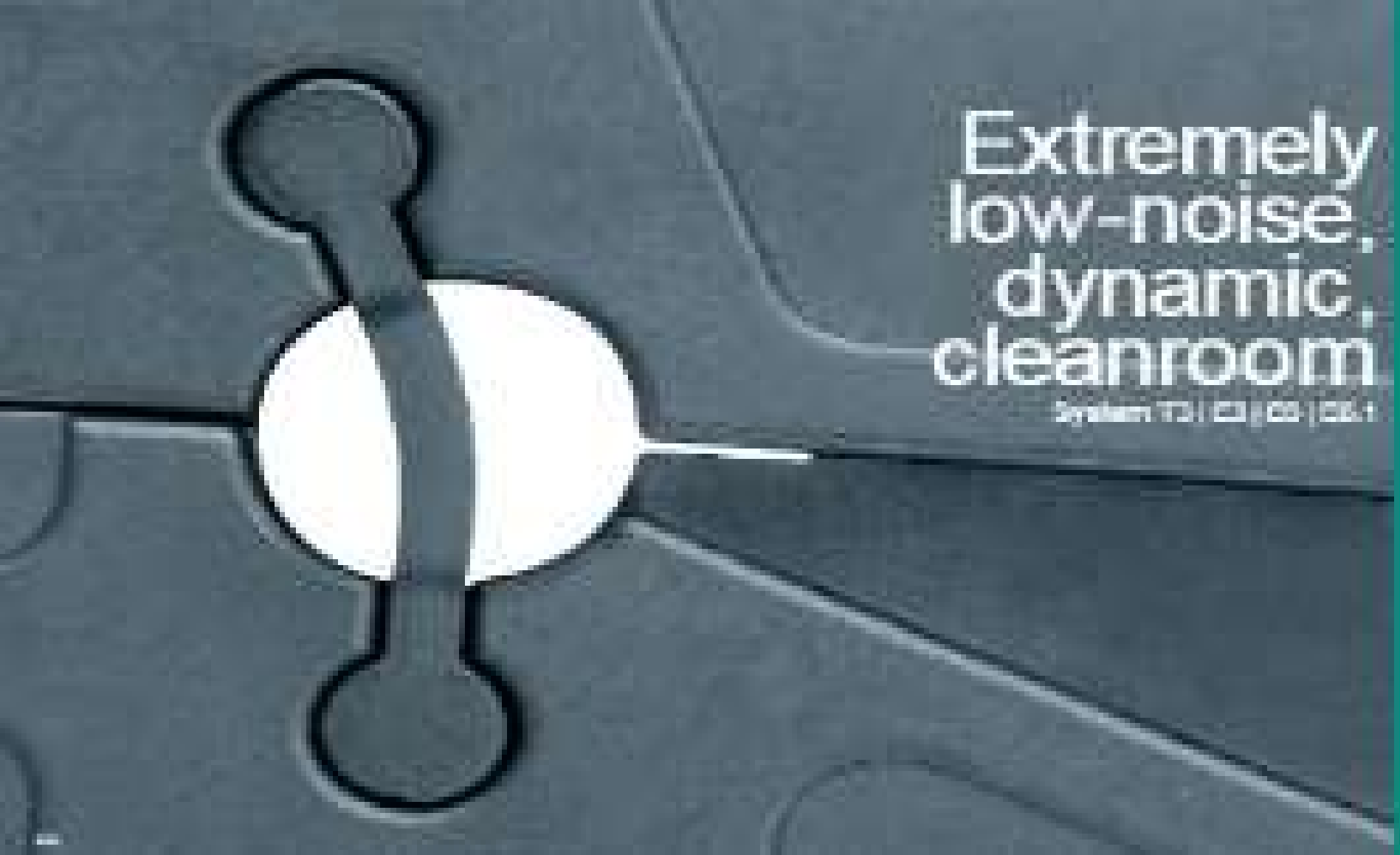


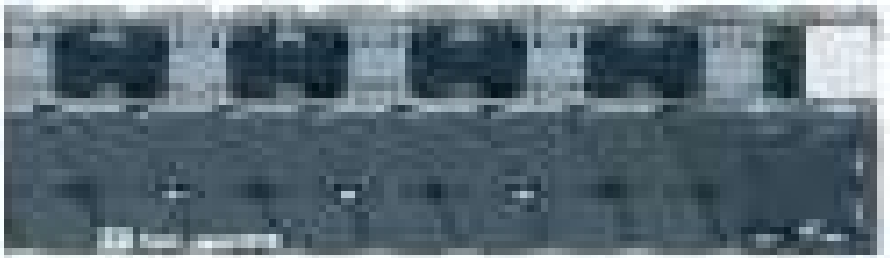


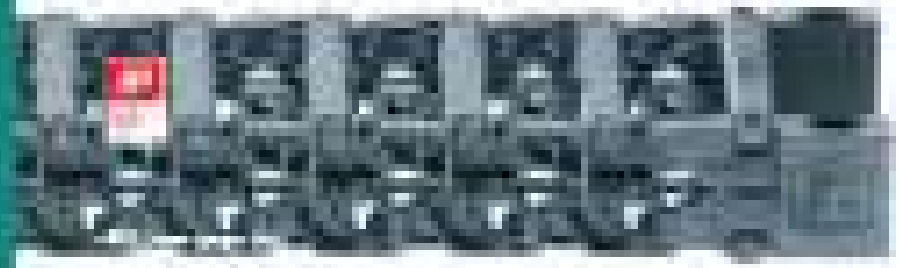




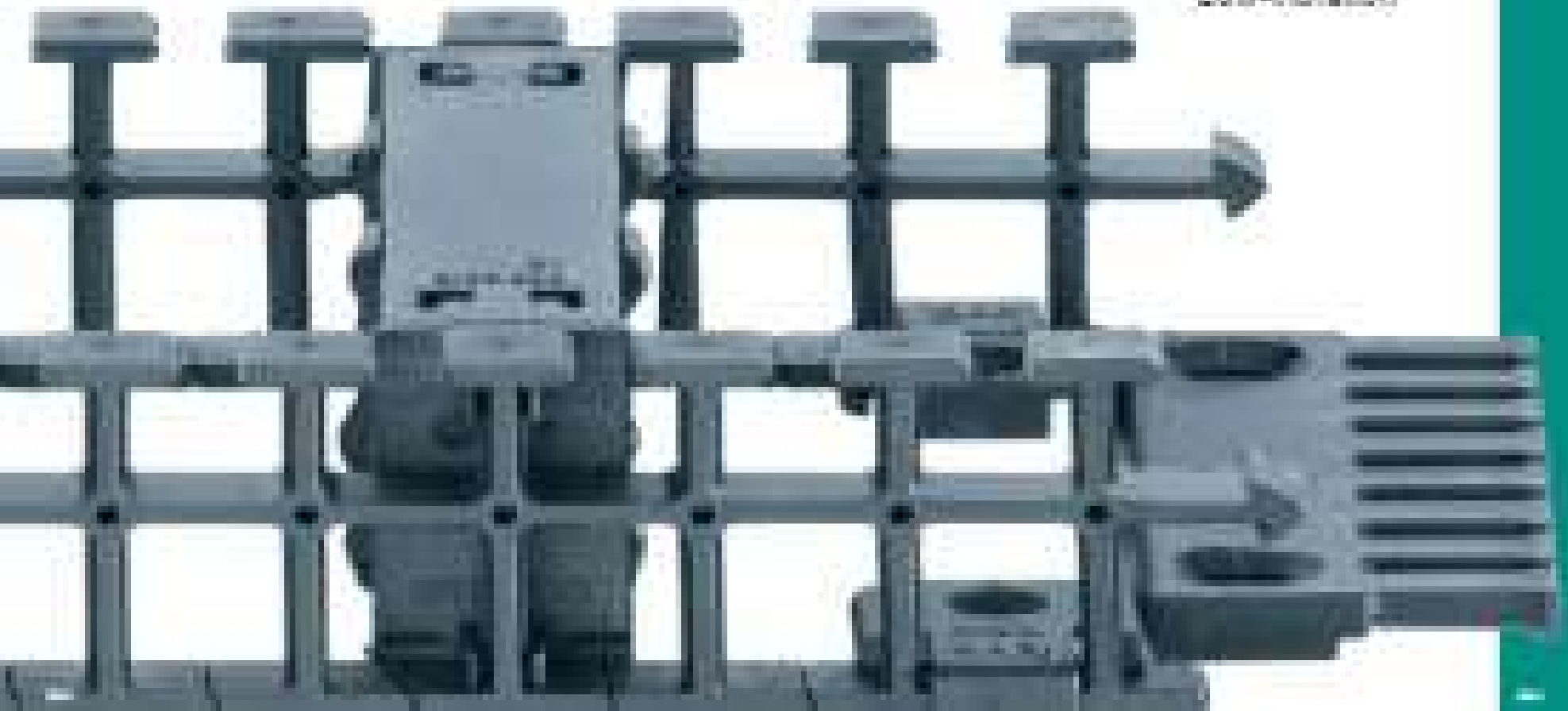



Extremely
low-noise,
dynamic,
cleanroom.
System T3 | C3 | D3 | D3.1

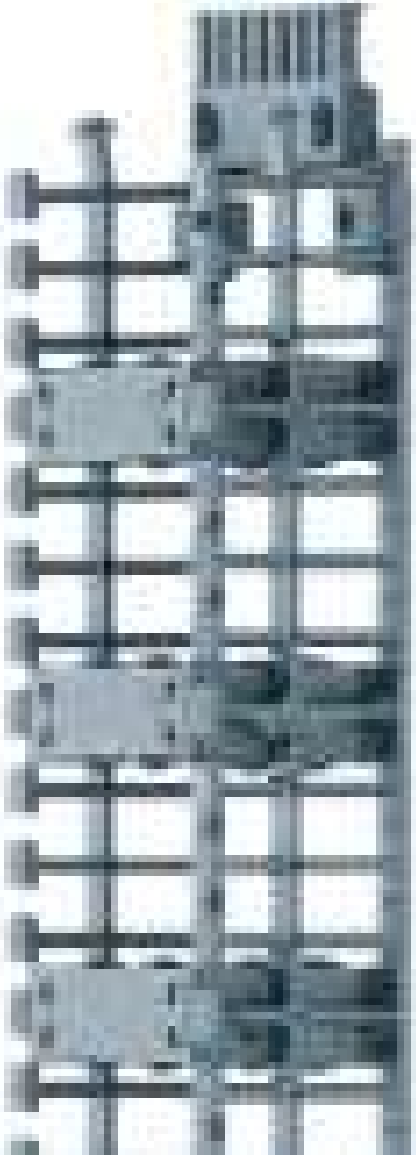




igus® T3



Highly flexible, form-vibration "T-band-in-chain" System T2



7.1 | Cordless | Selection Table

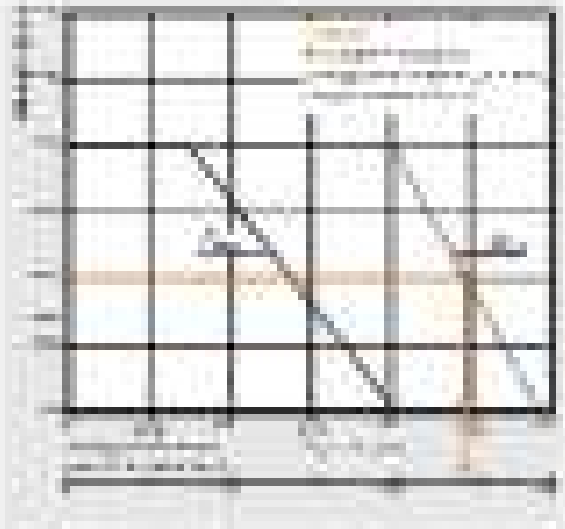
7.2 | Technical Data | Cordless

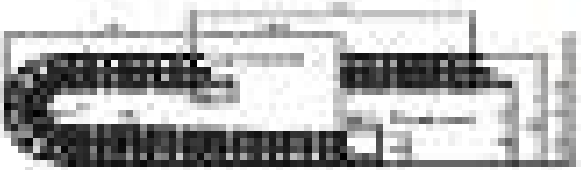
7.3 | Accessory Information

Configuration options and order key

Overcurrent Grade and alarm values

Application





TS | Series TS 28 | Product Range | Standard

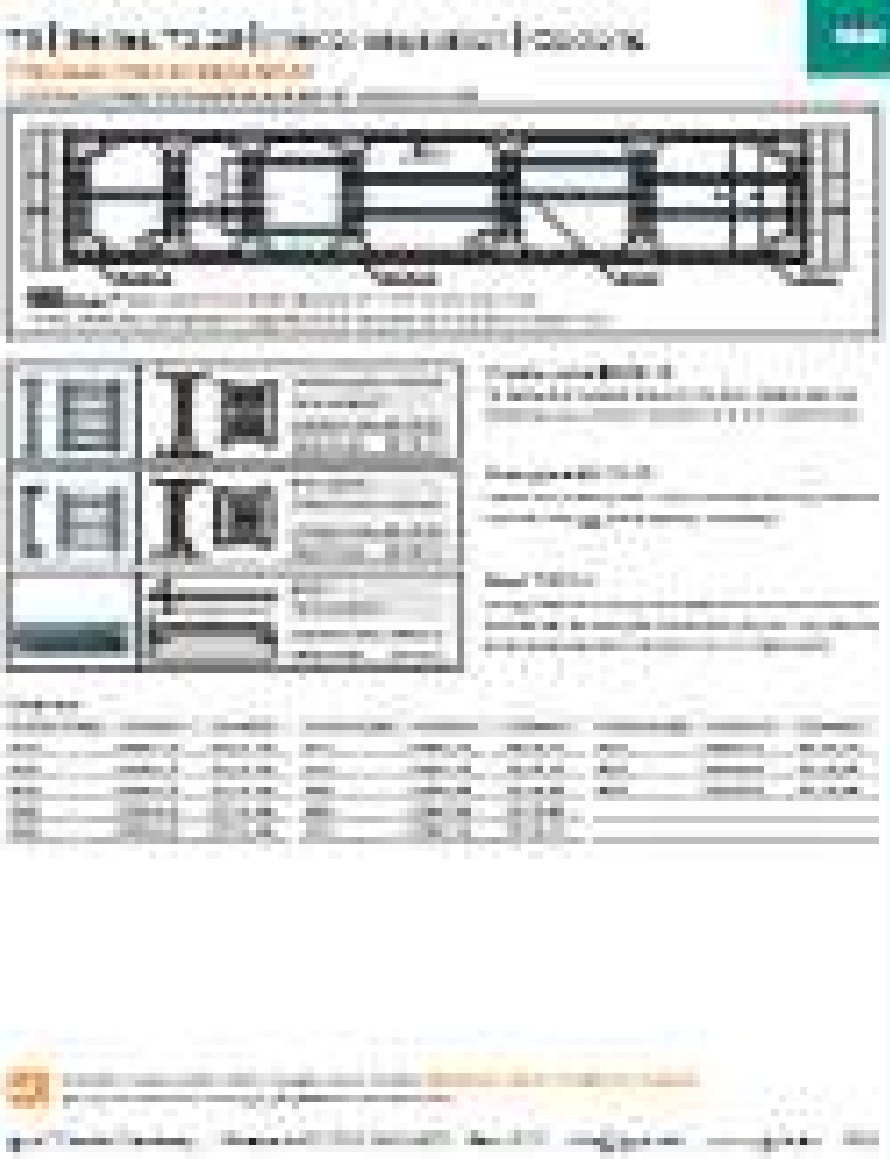
[illegible]

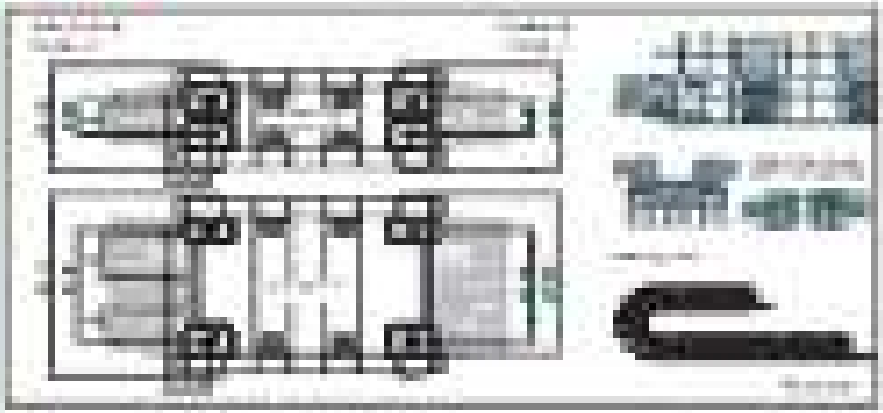
[illegible]

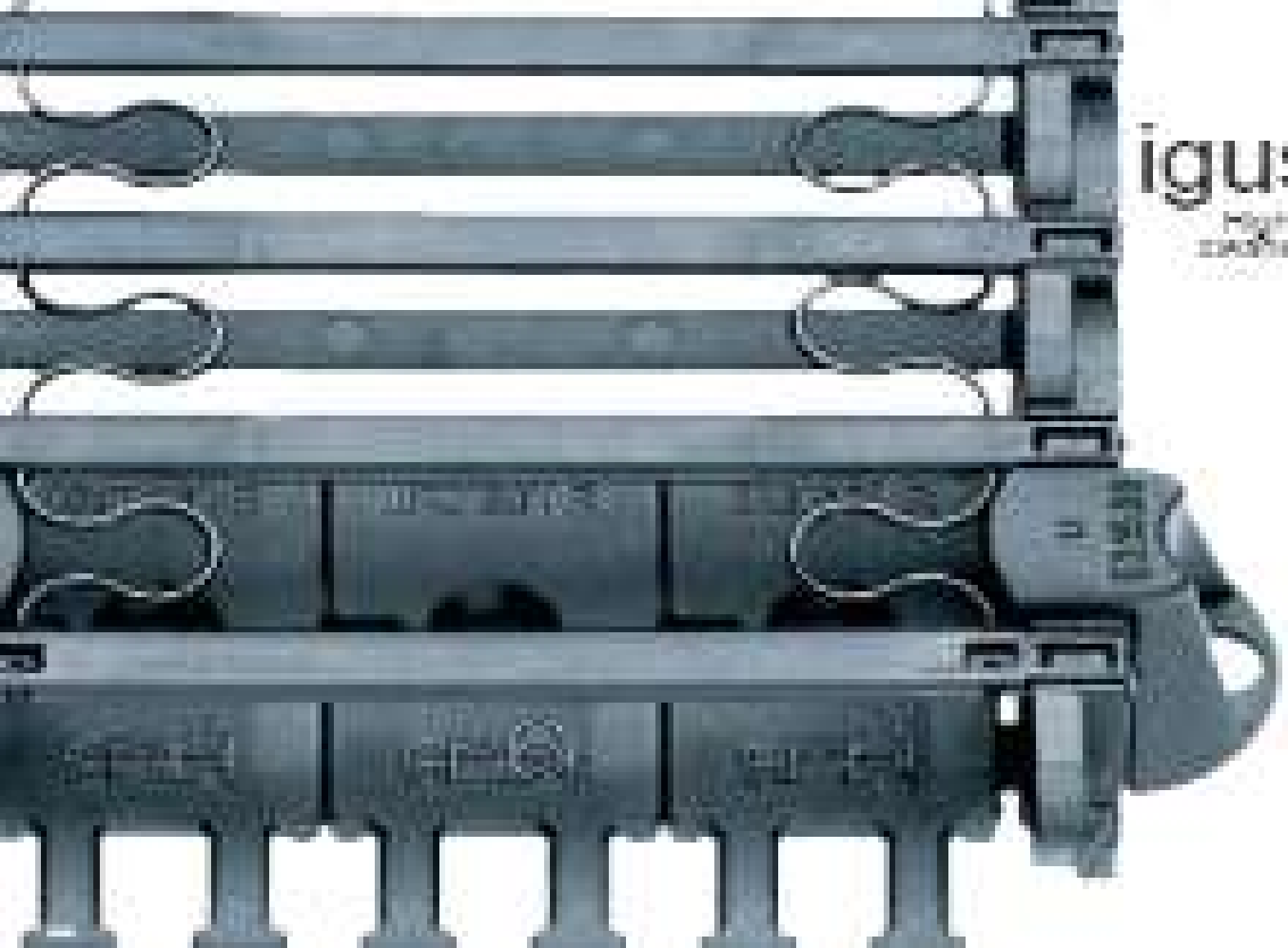
TS | Series TS 28 | Interior separation

[illegible]

[illegible]



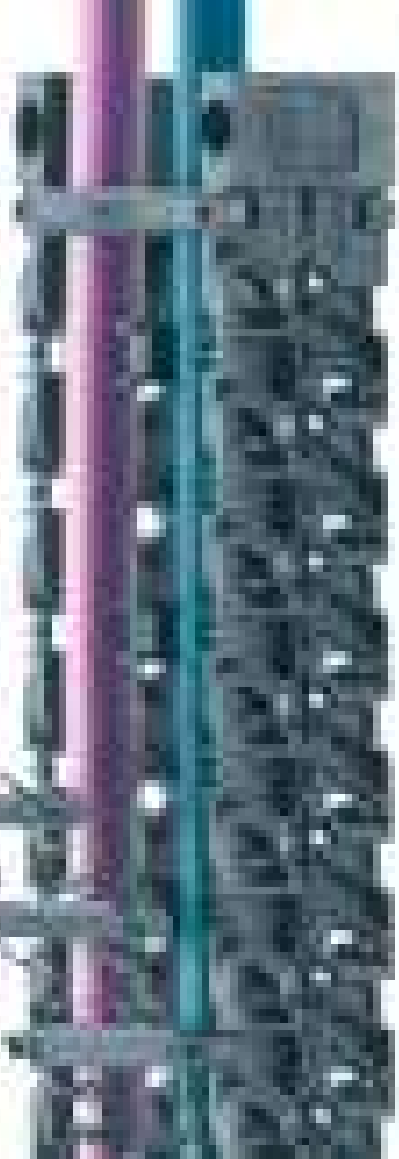


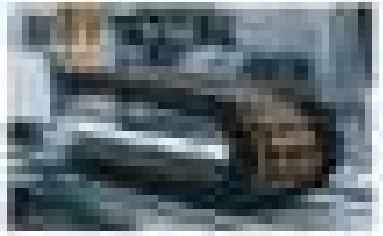


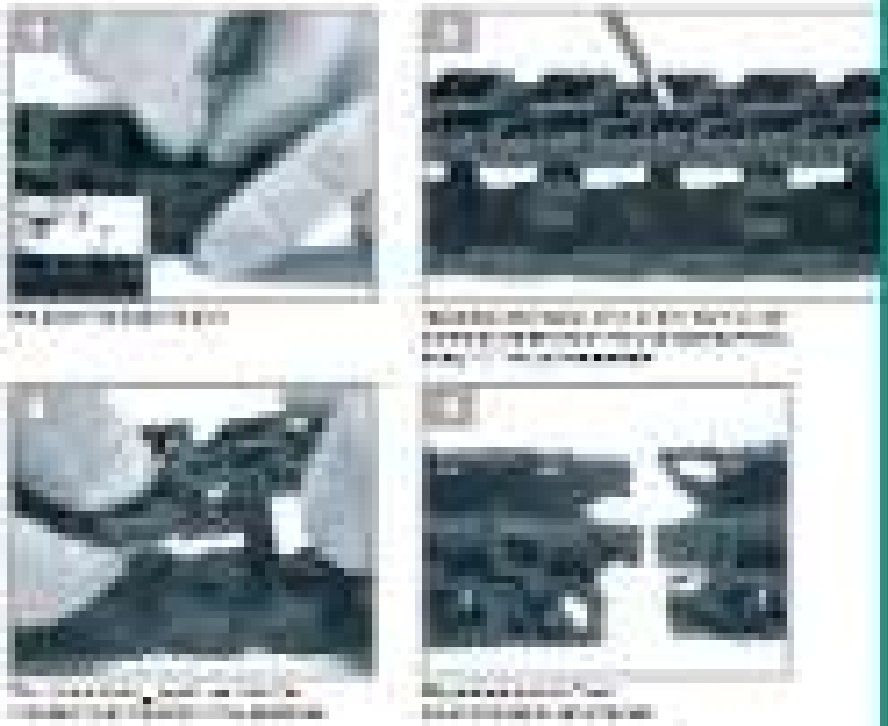
igus® E3

highly dynamic & cost-efficient solutions

Highly dynamic and cleanroom compatible - System E3

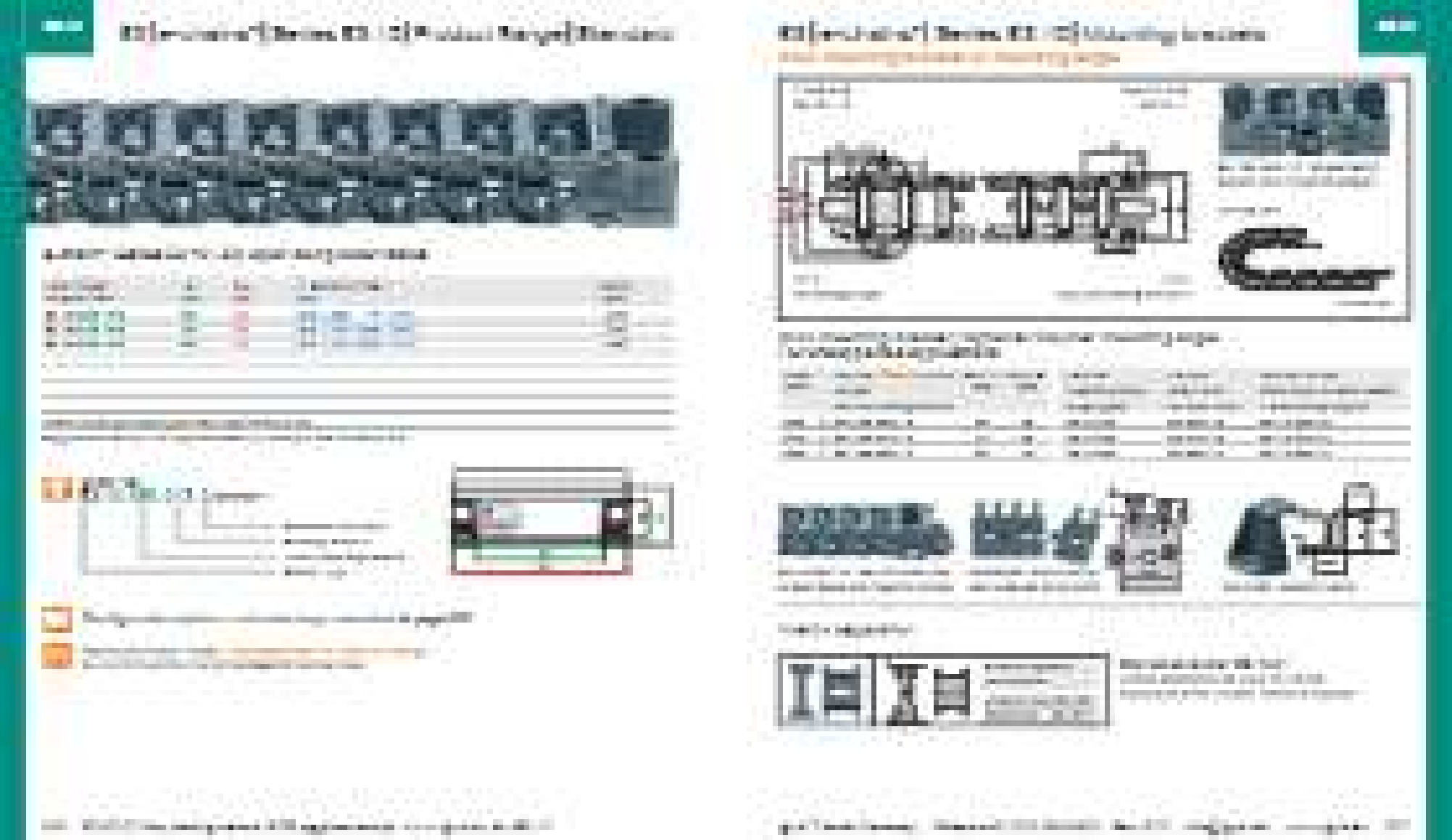


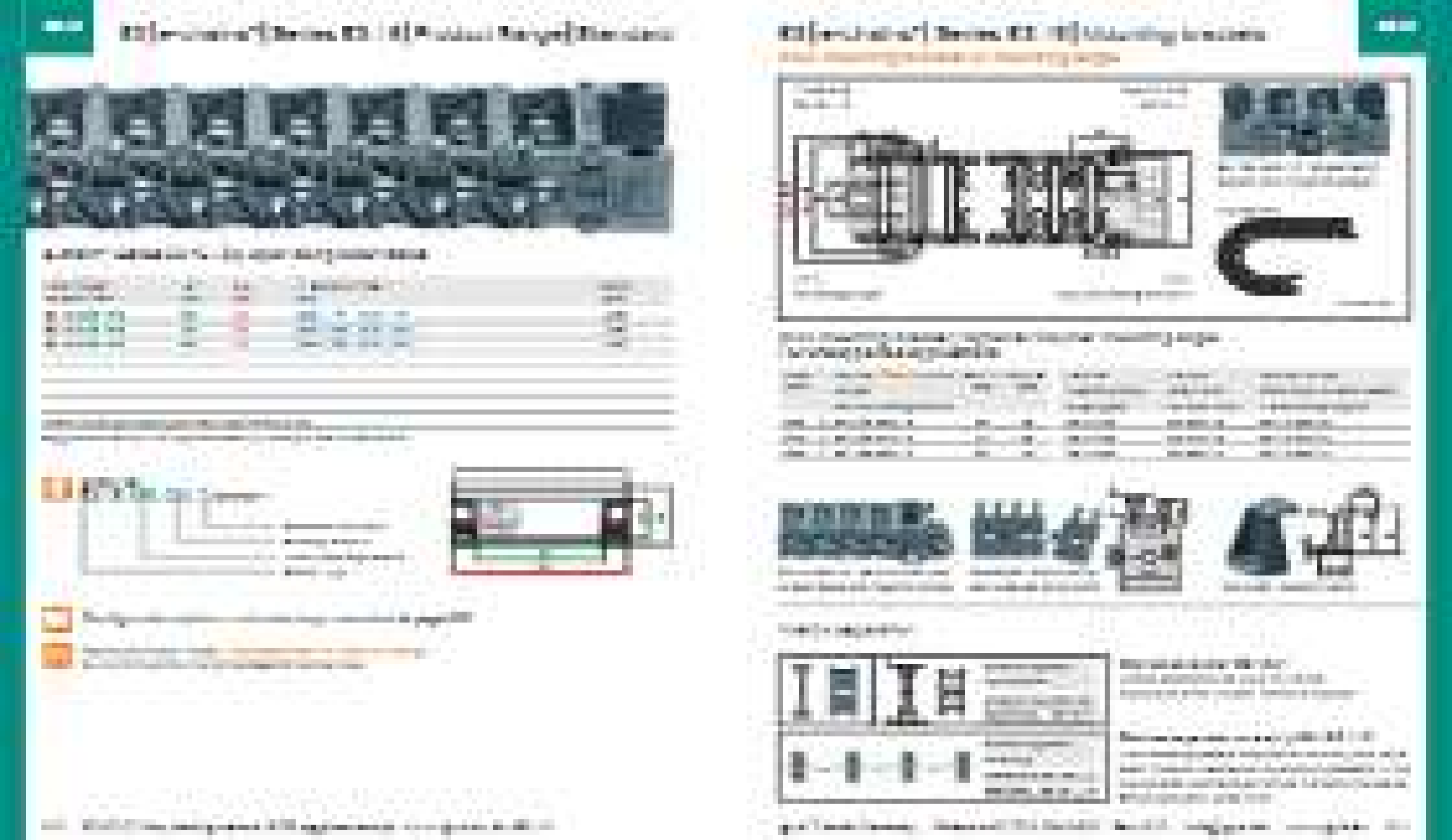




[illegible] Configuration options and order key

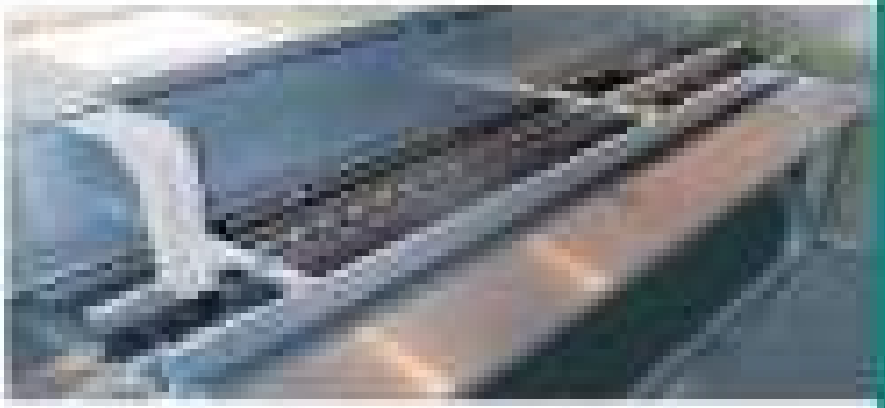
[illegible] Application






igus®
System E6
extremely low-noise,
minimum vibration and abrasion,
discount-price suitable

Extremely low-noise, minimum vibration and abrasion, clean room suitable – System 88



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Order example: Order no. [illegible] series

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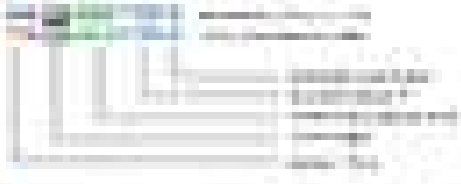

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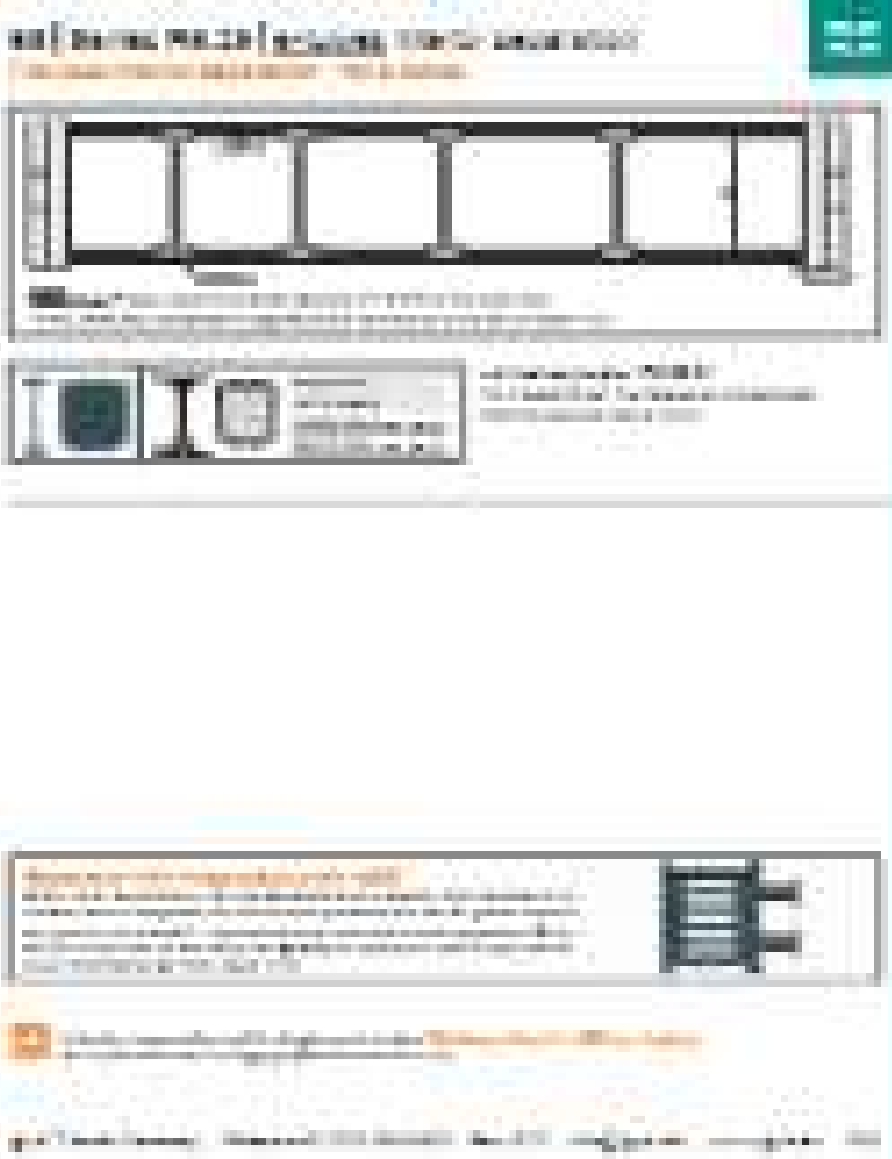

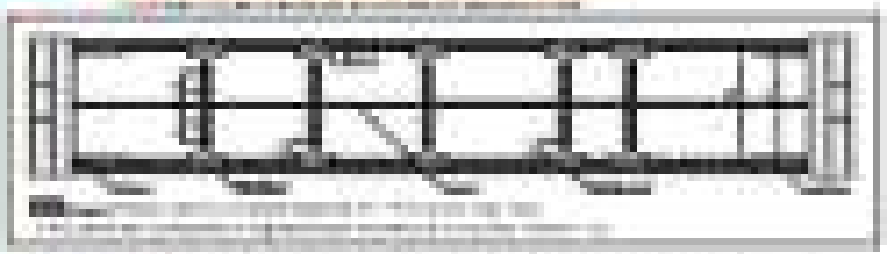

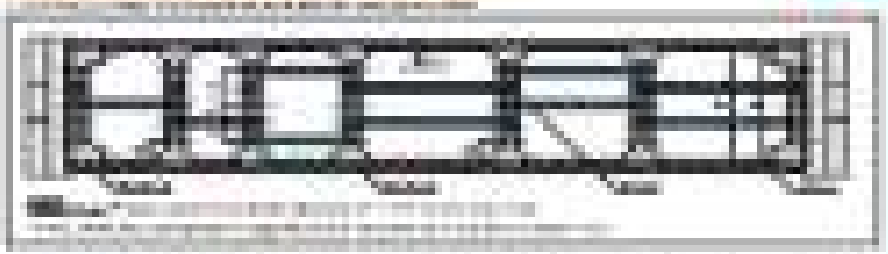

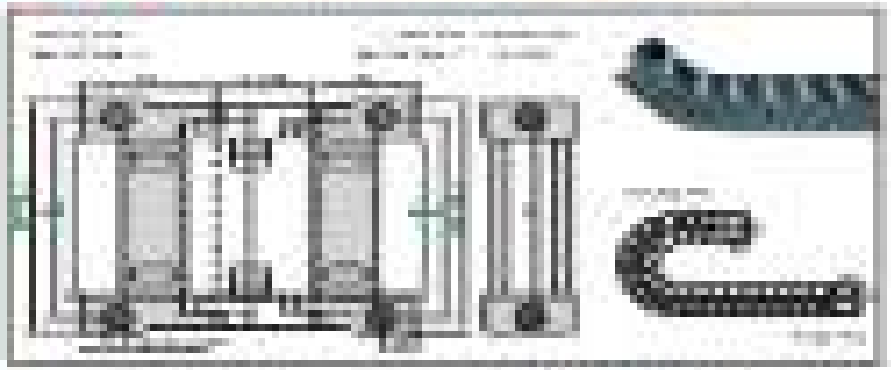

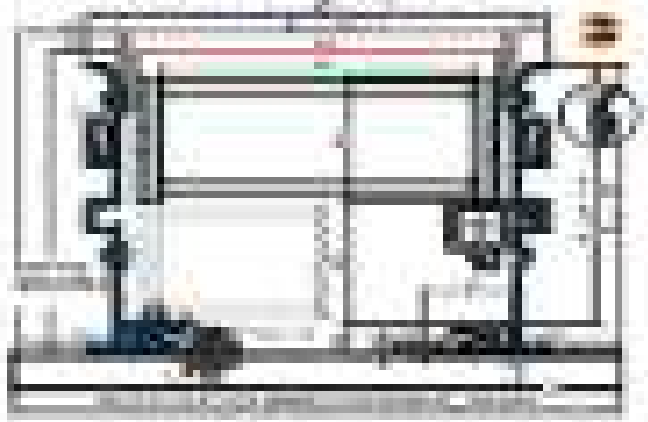

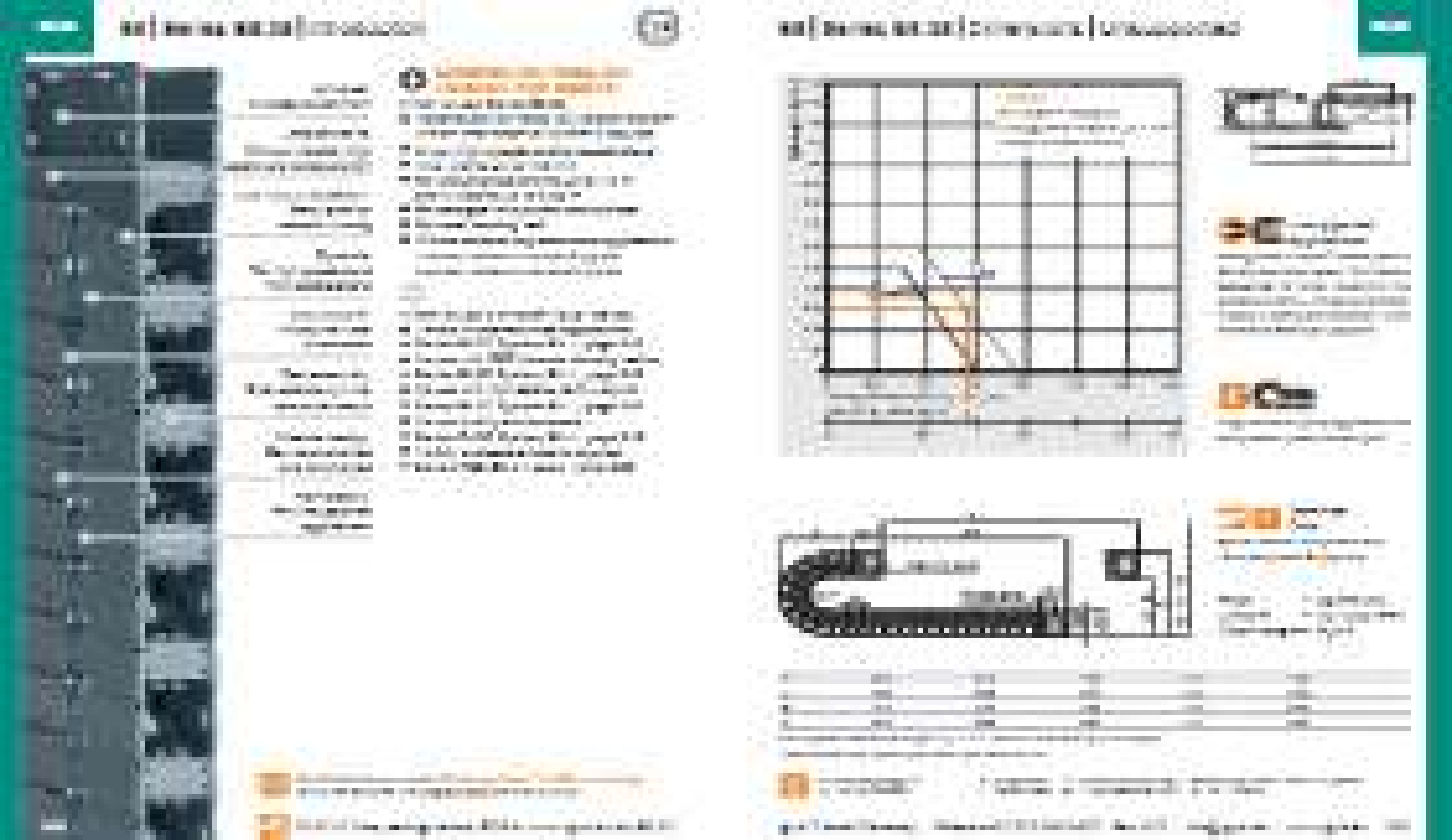

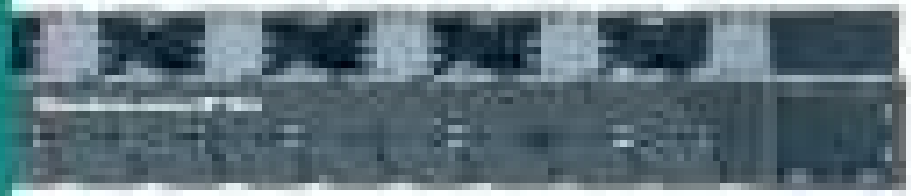

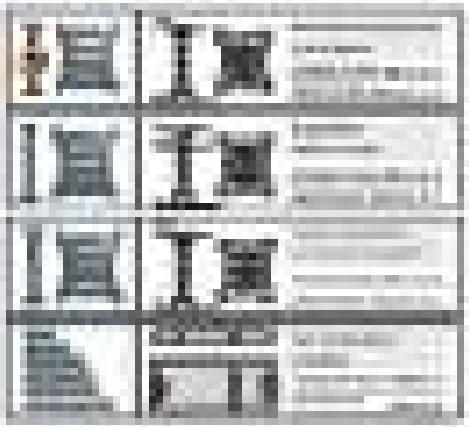

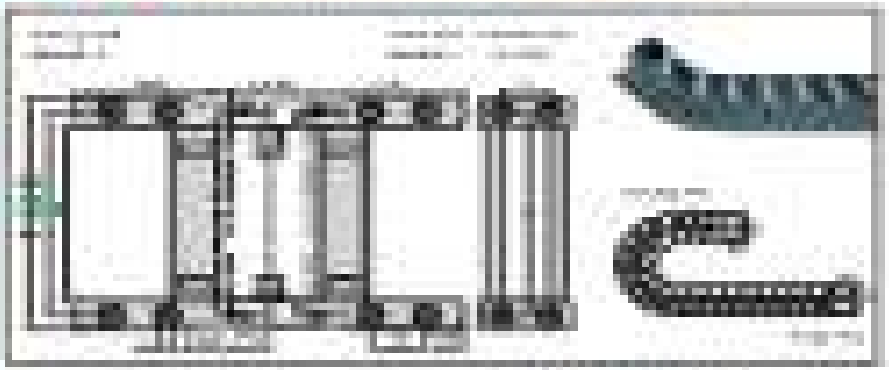

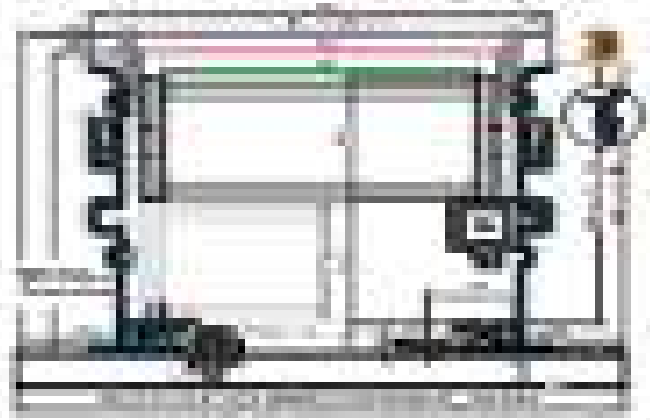

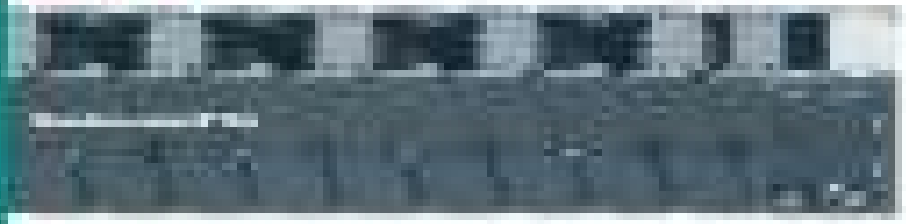

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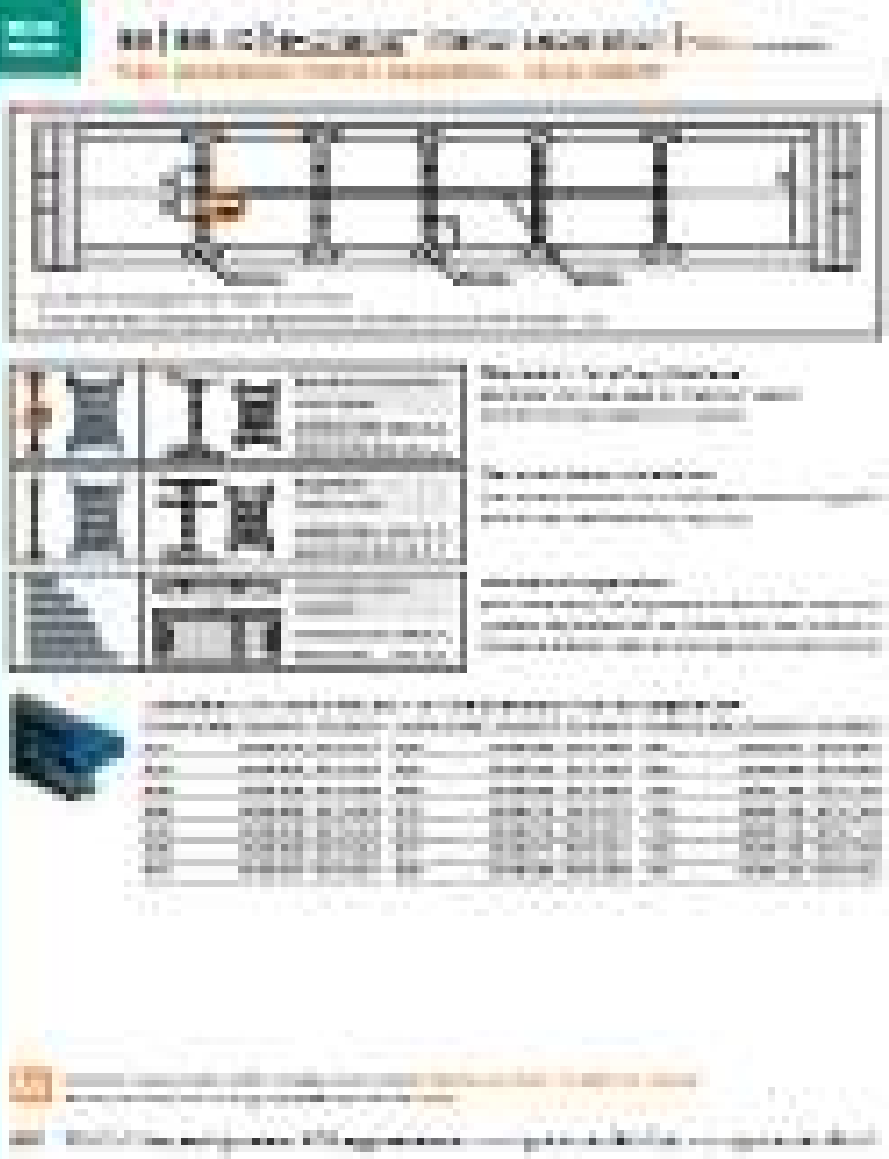

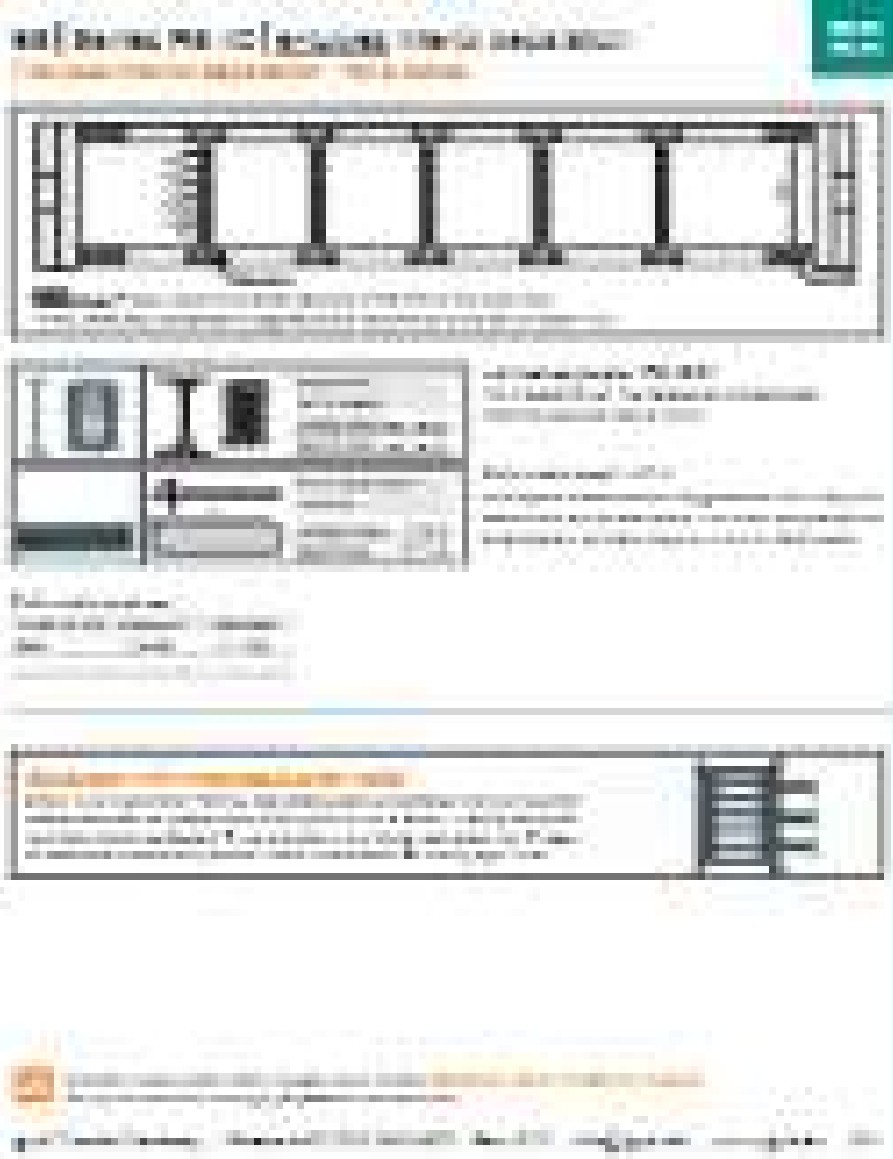

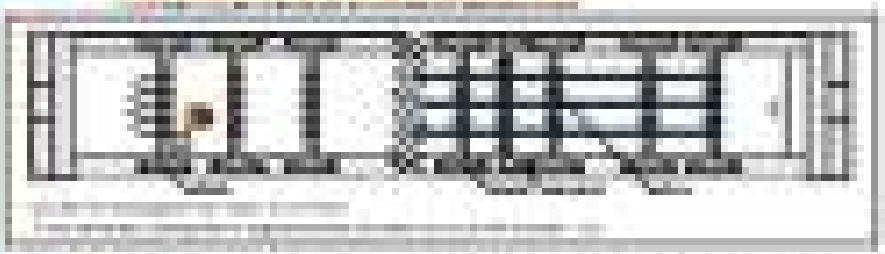

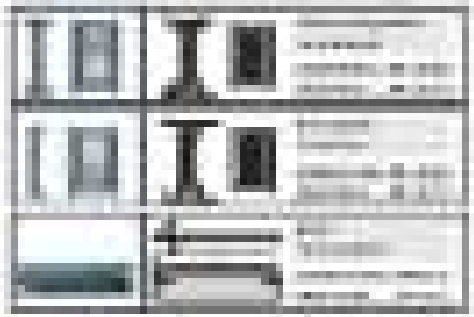

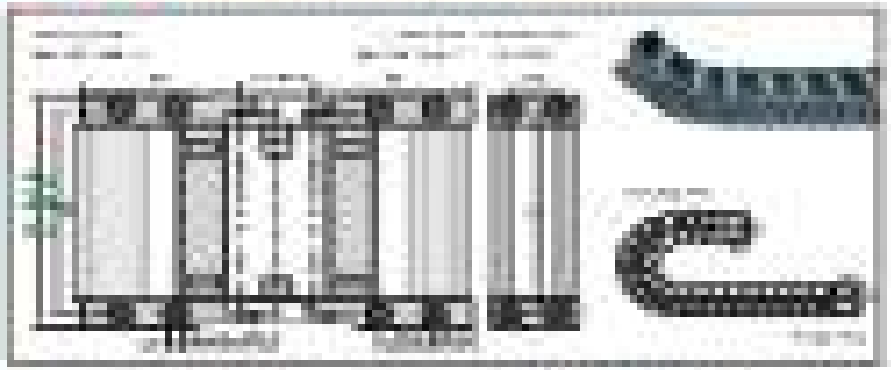

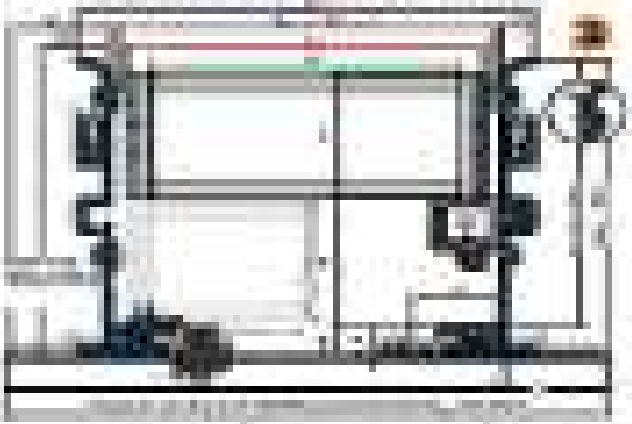

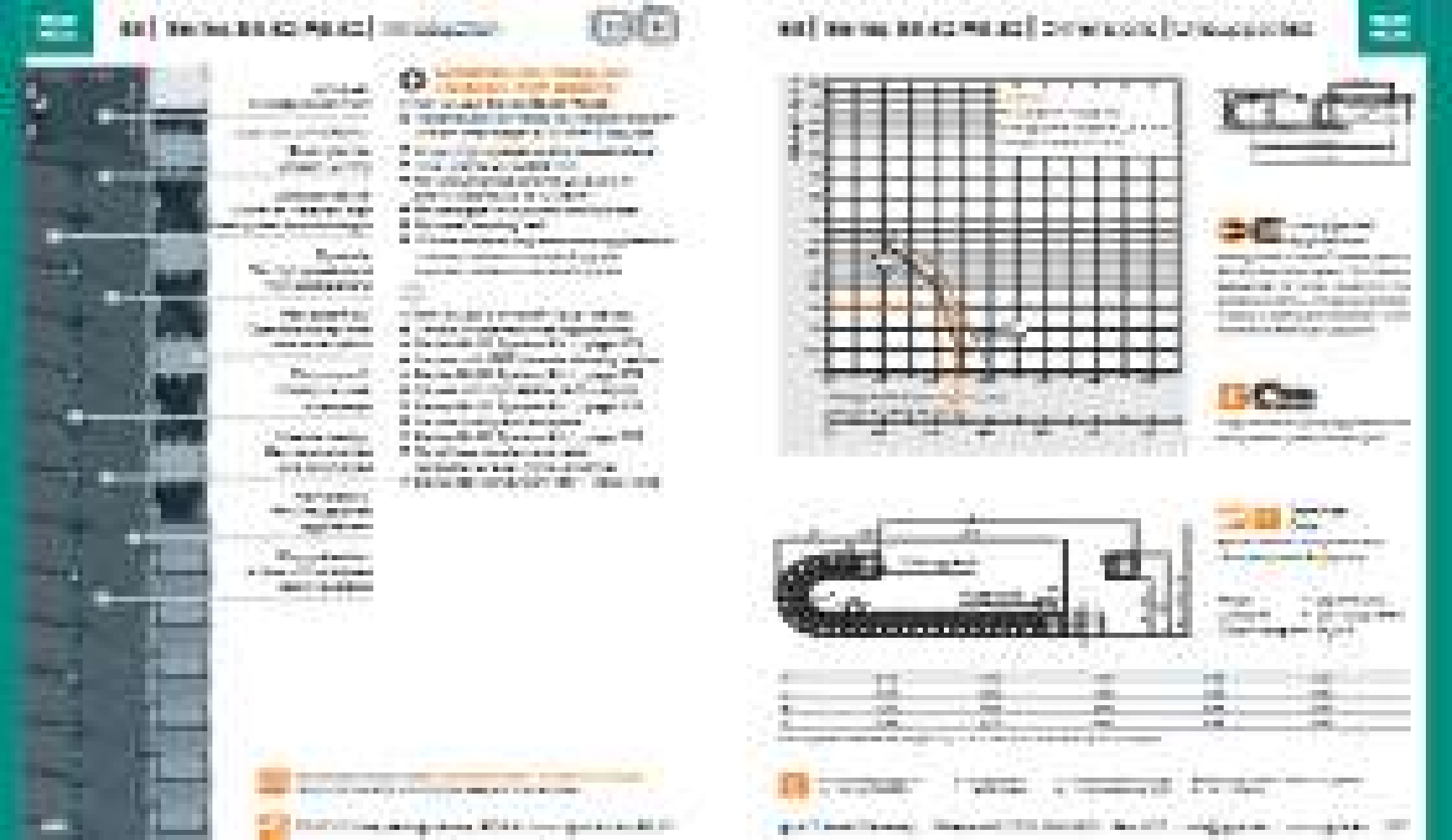

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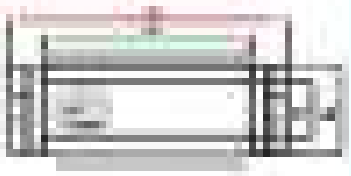

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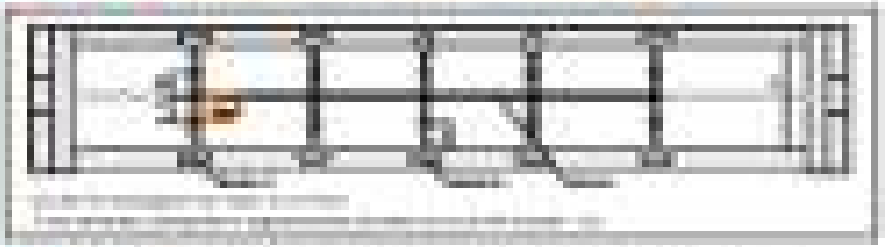

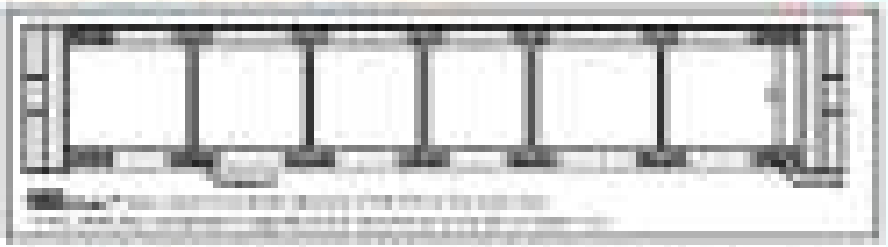

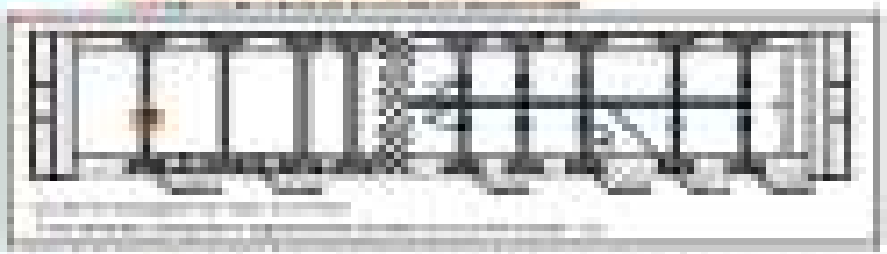

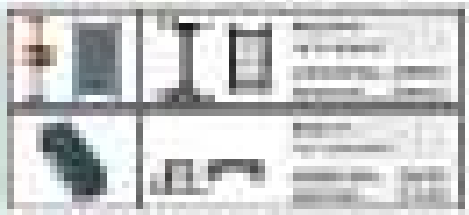

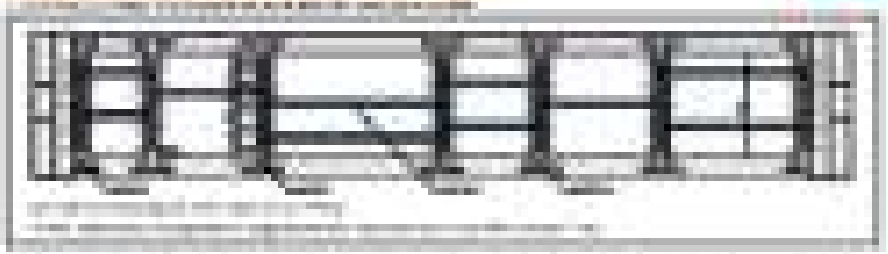

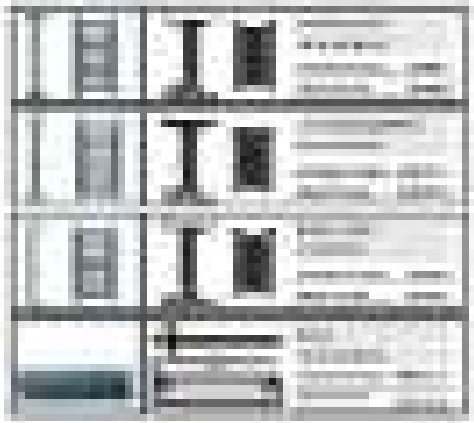

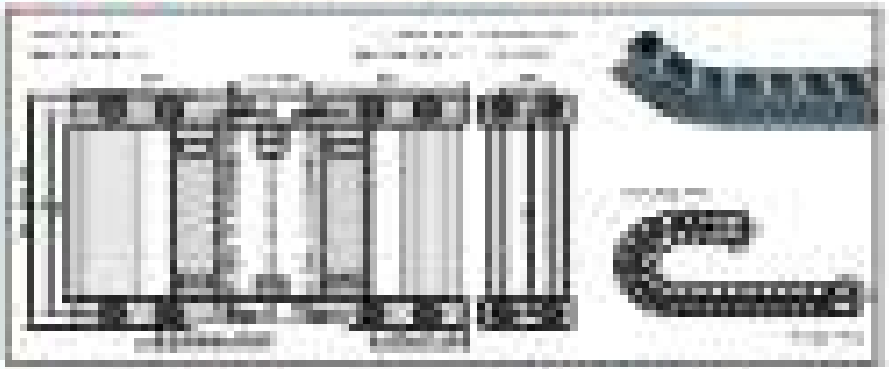

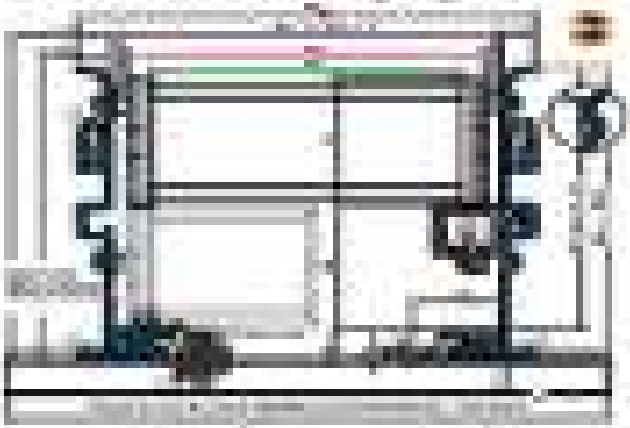

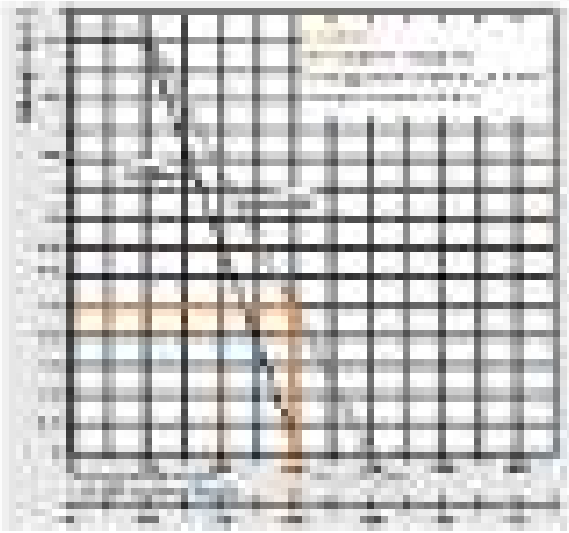

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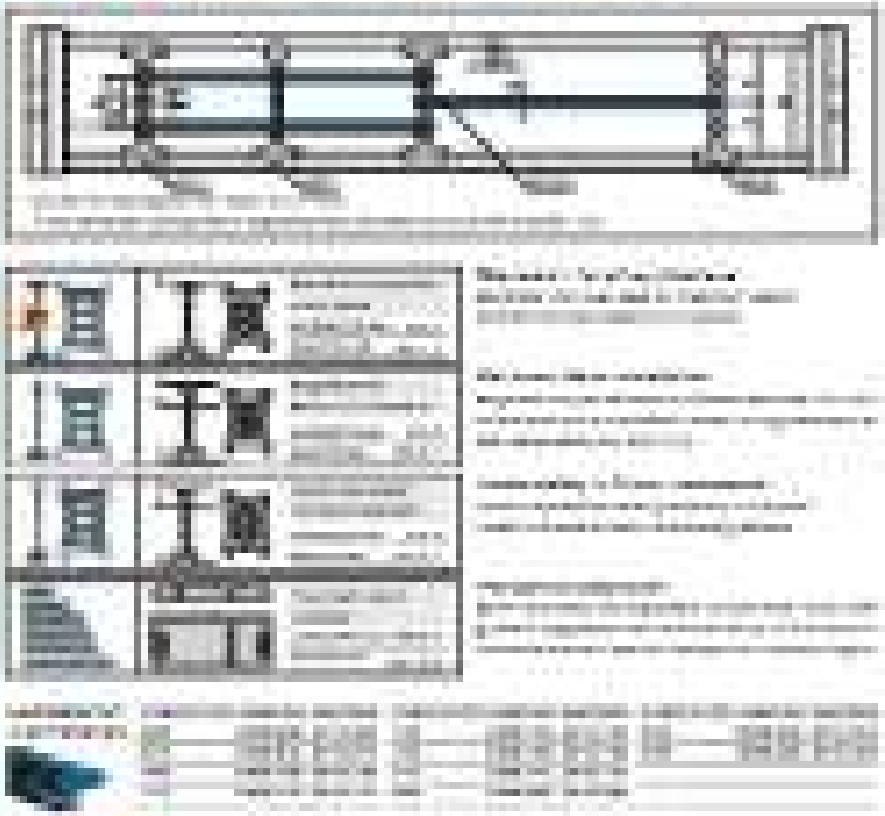

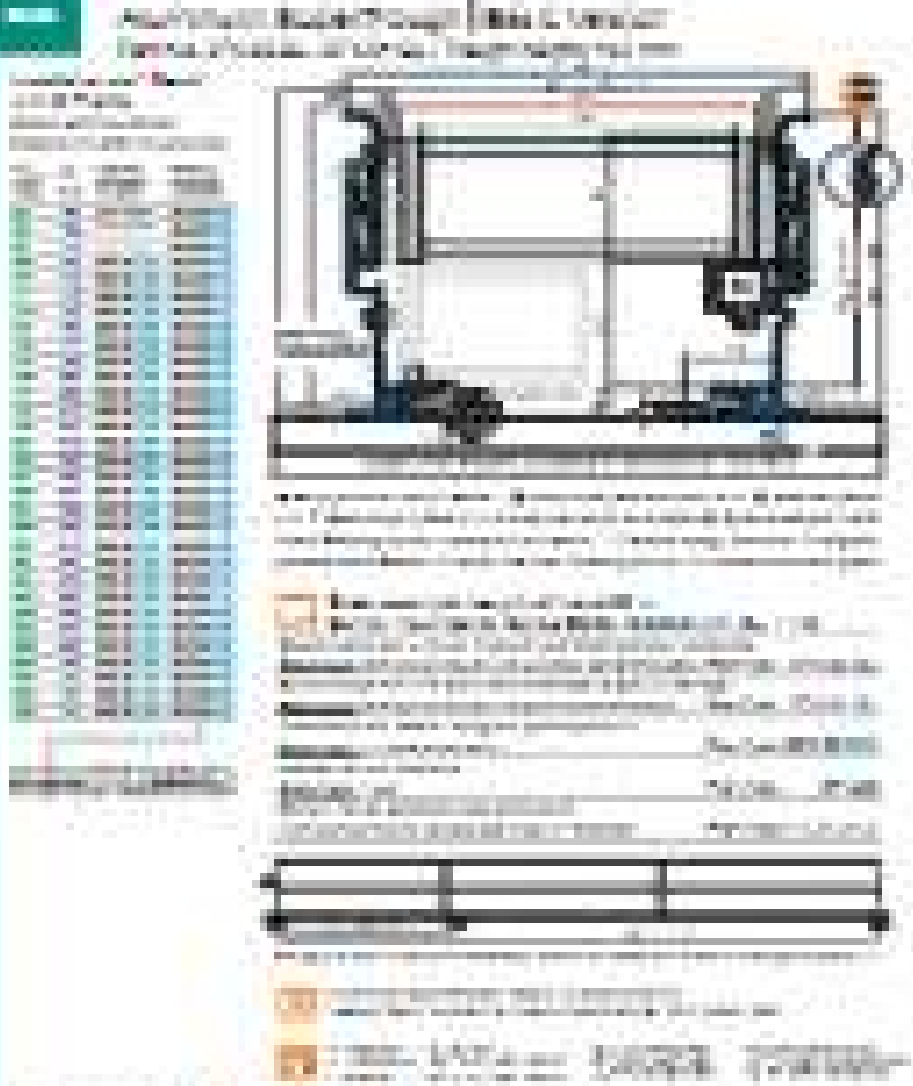

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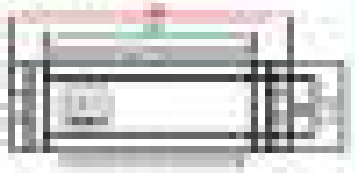

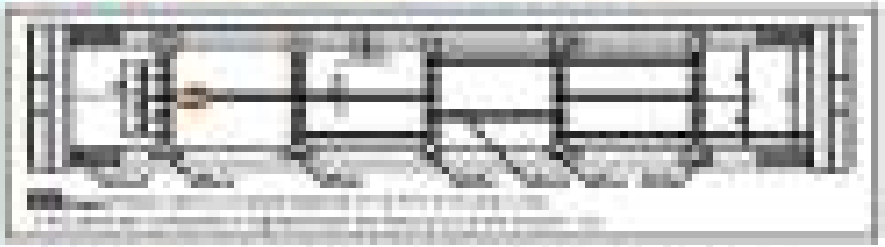

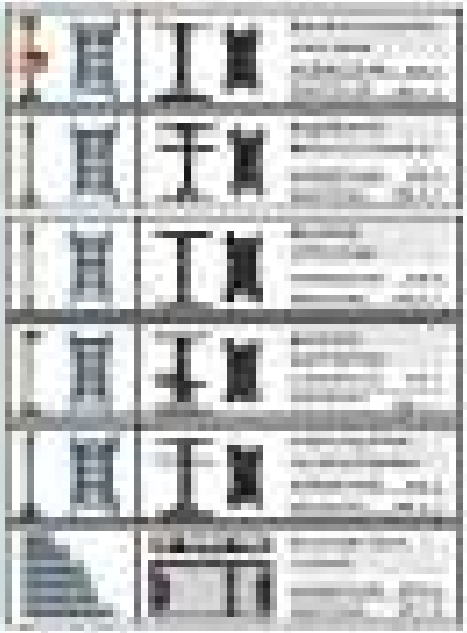

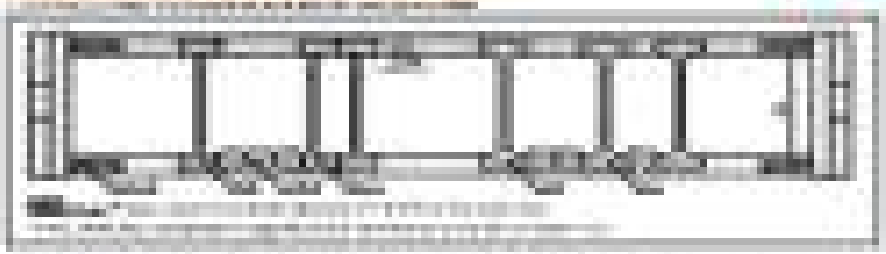

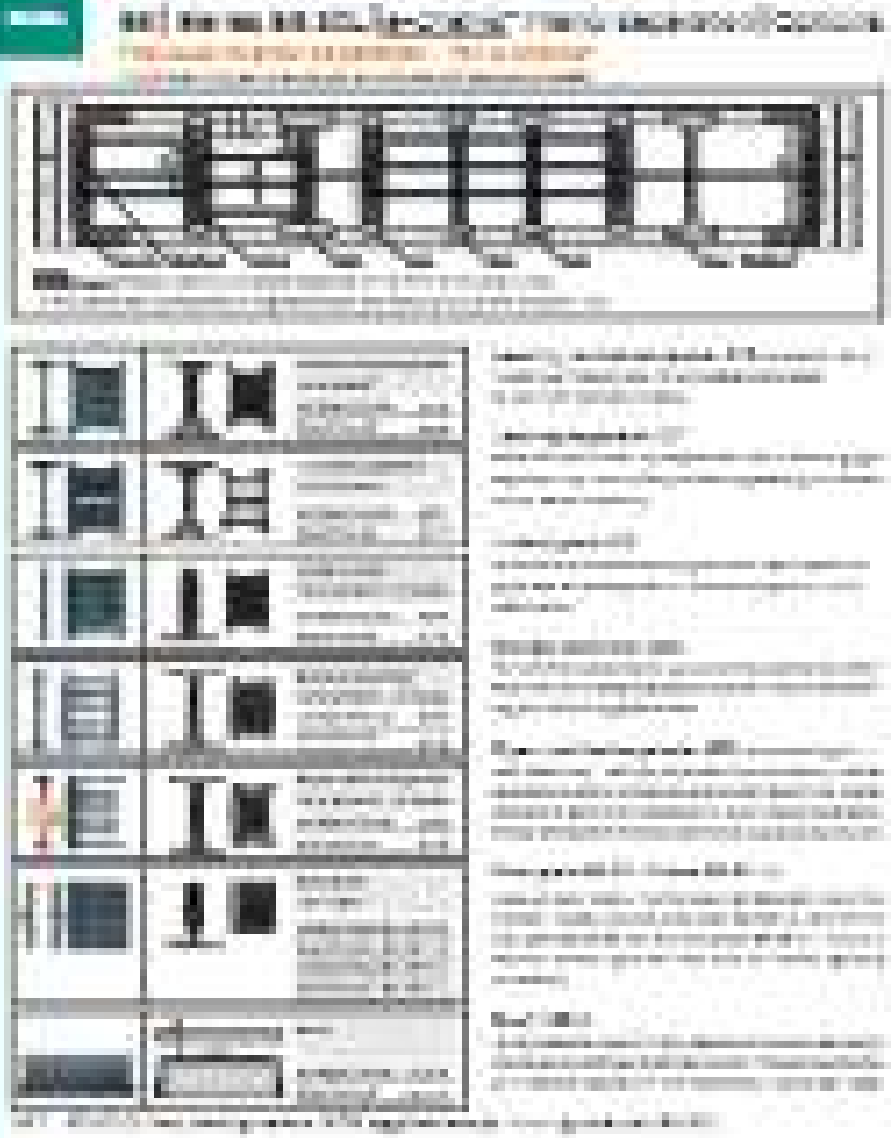

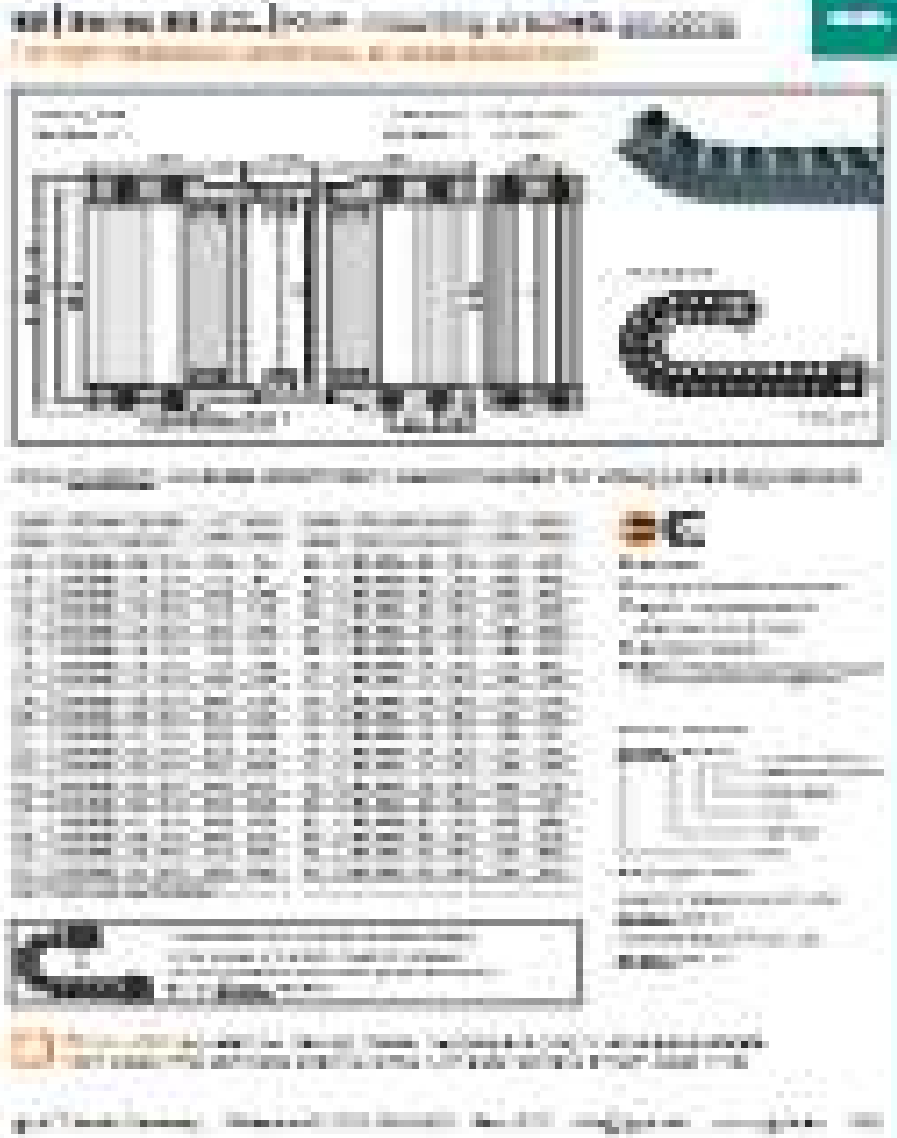

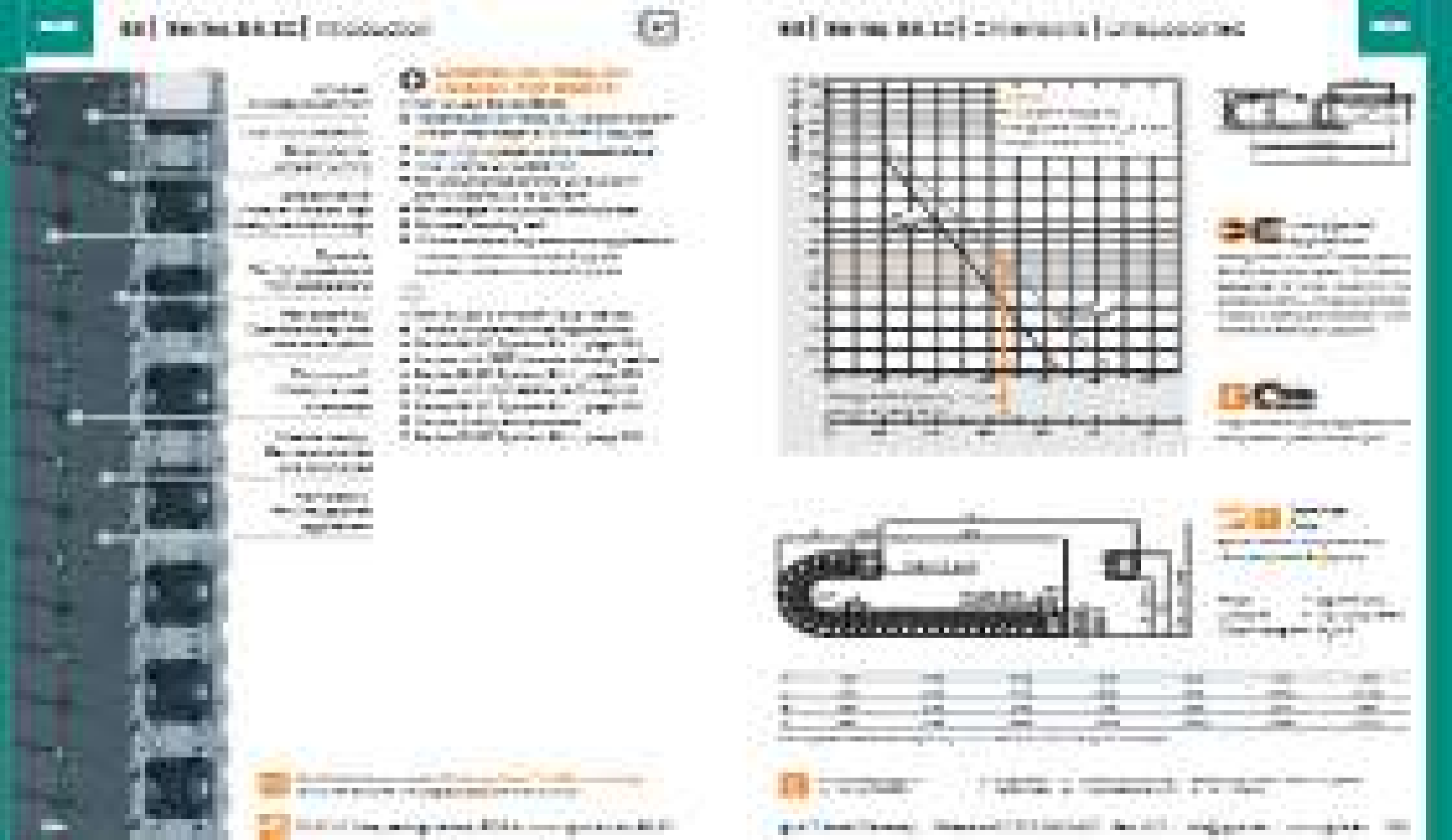

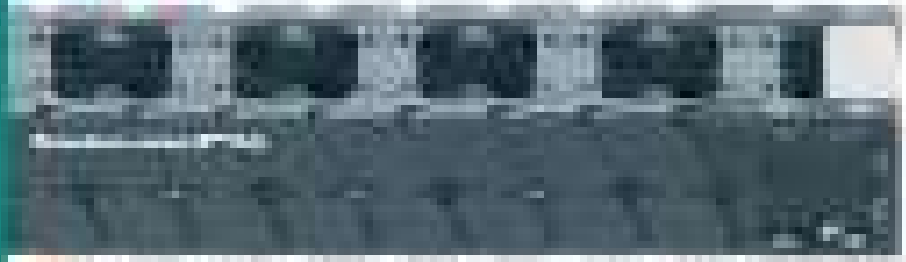

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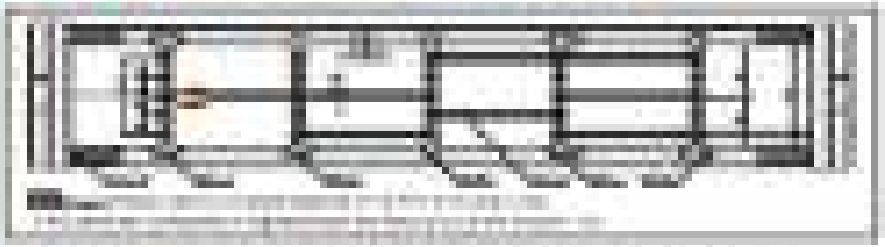
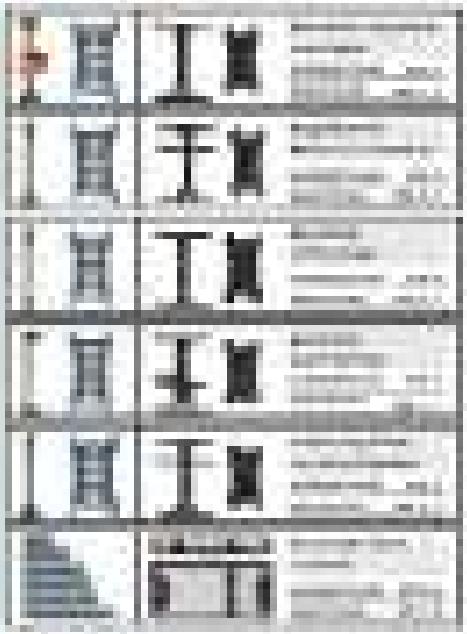
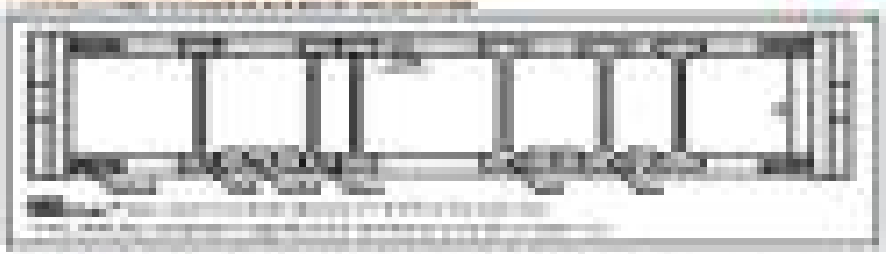
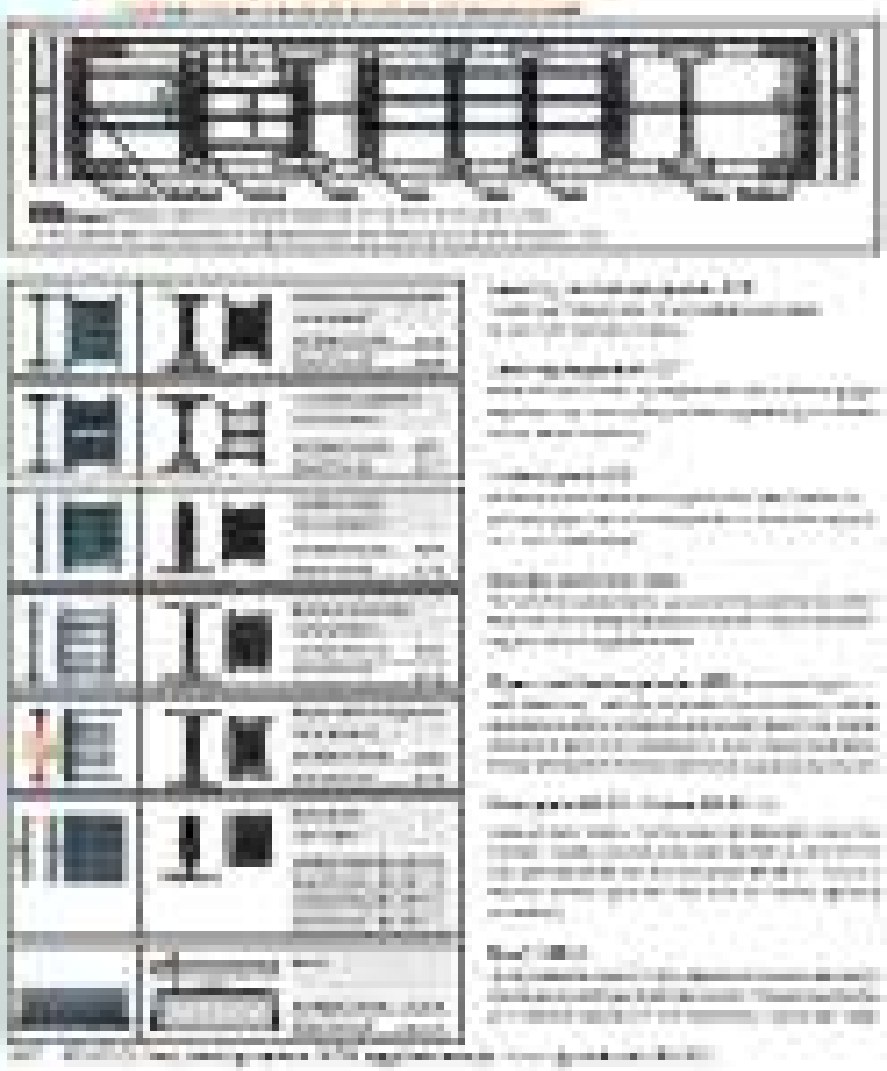
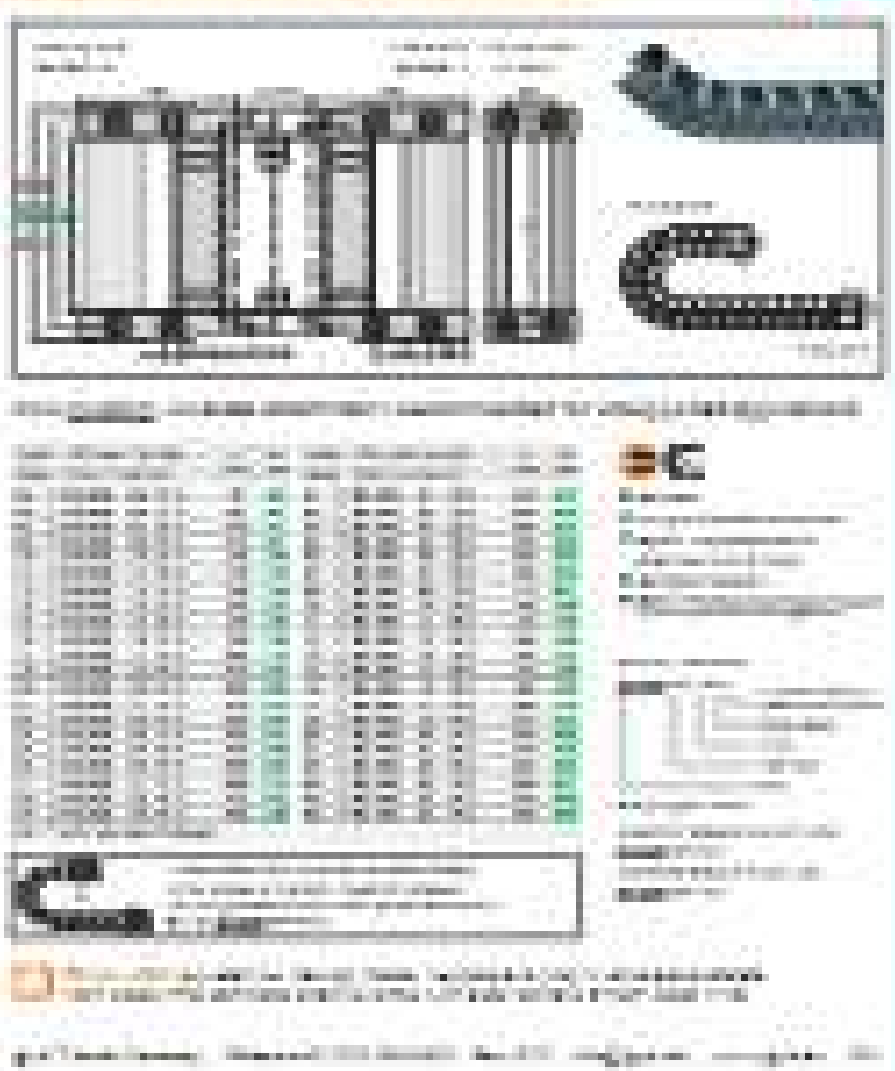
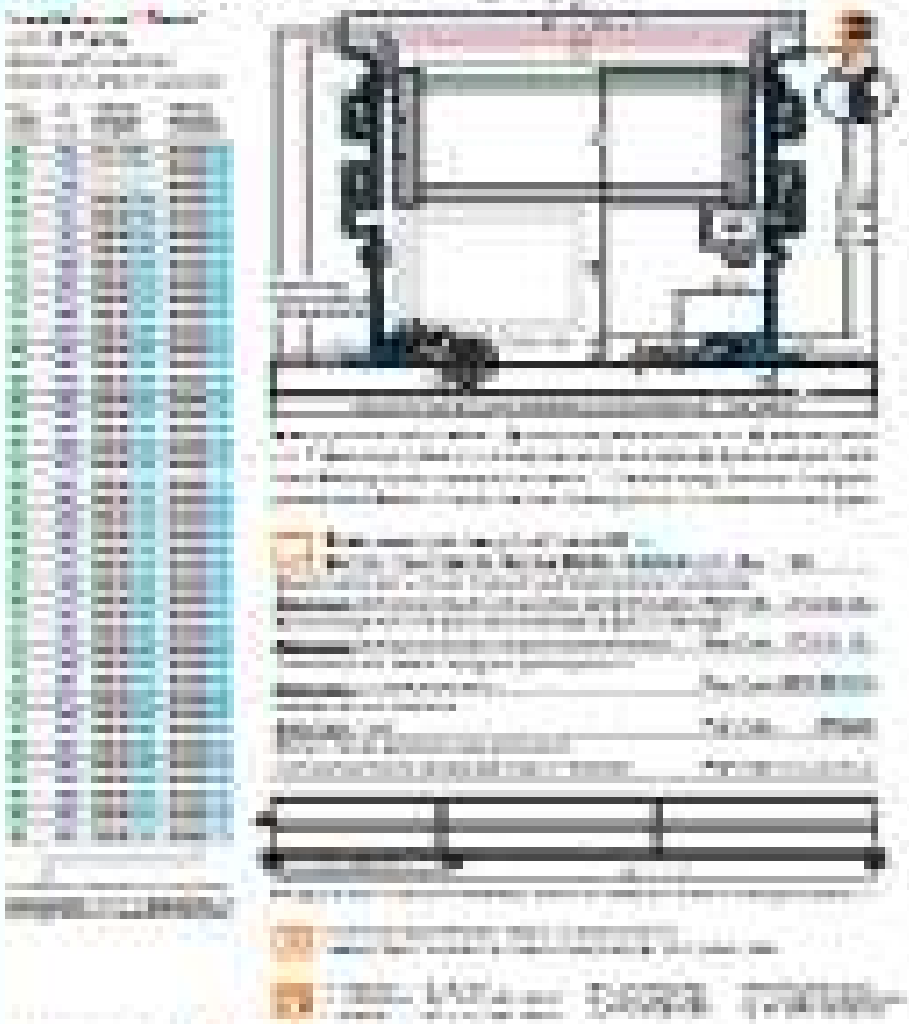










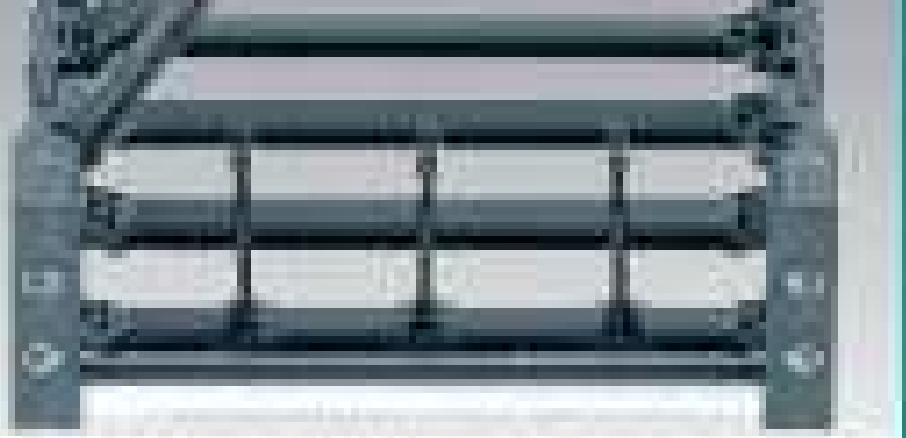


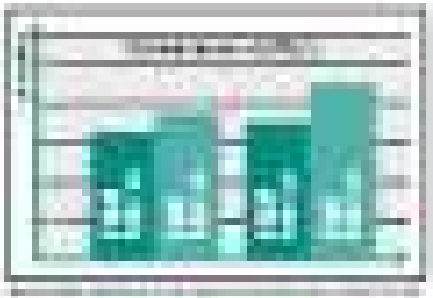
igus®

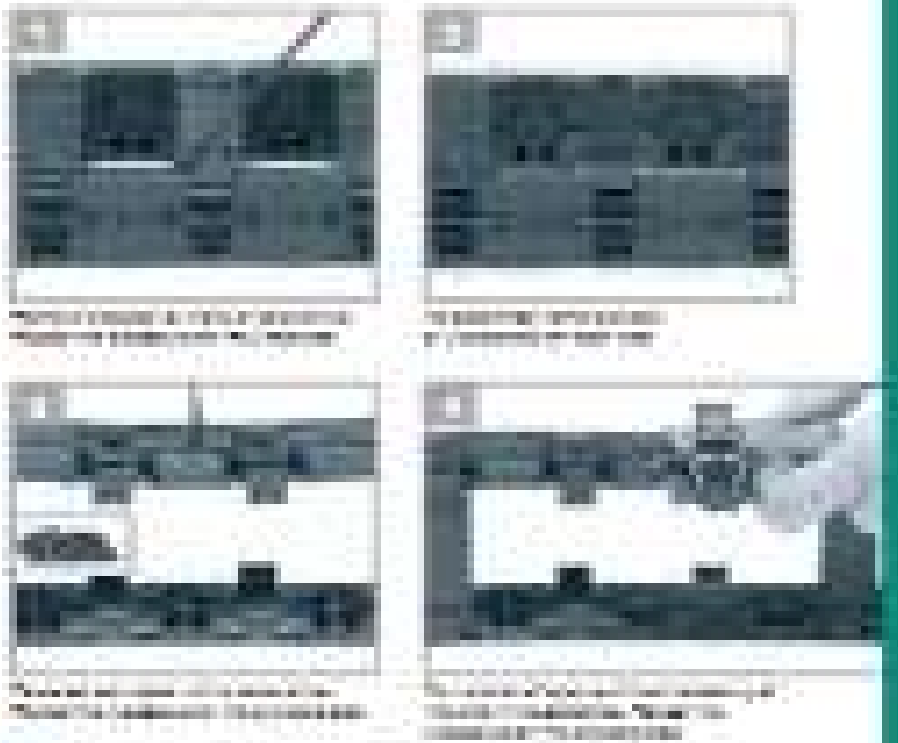
E6.1

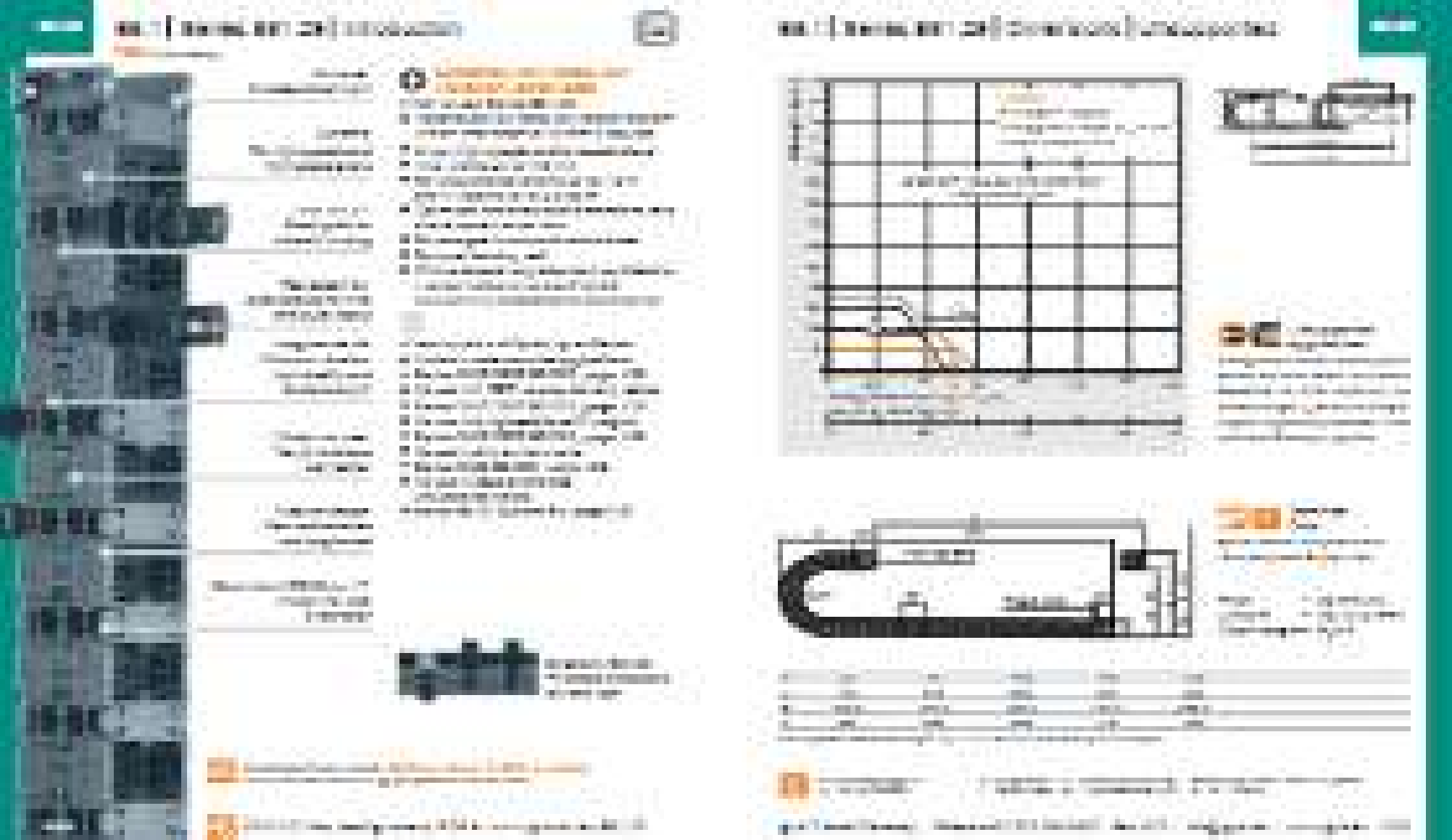
New connector
smoothest operation
more dynamics

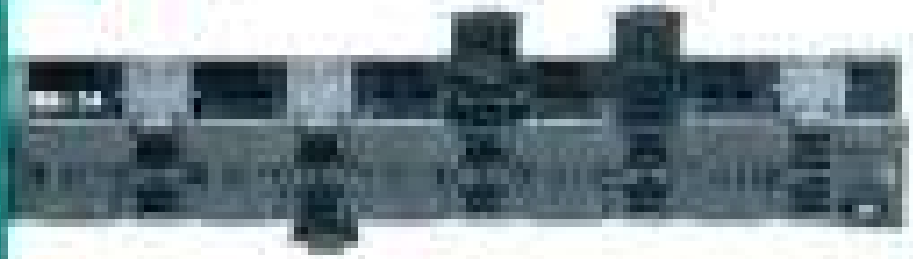
More dynamics, smoother running, easier to open, 2nd generation – R5

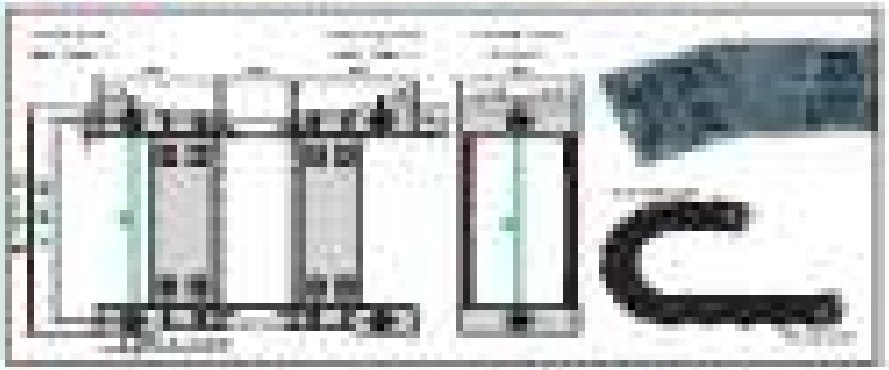


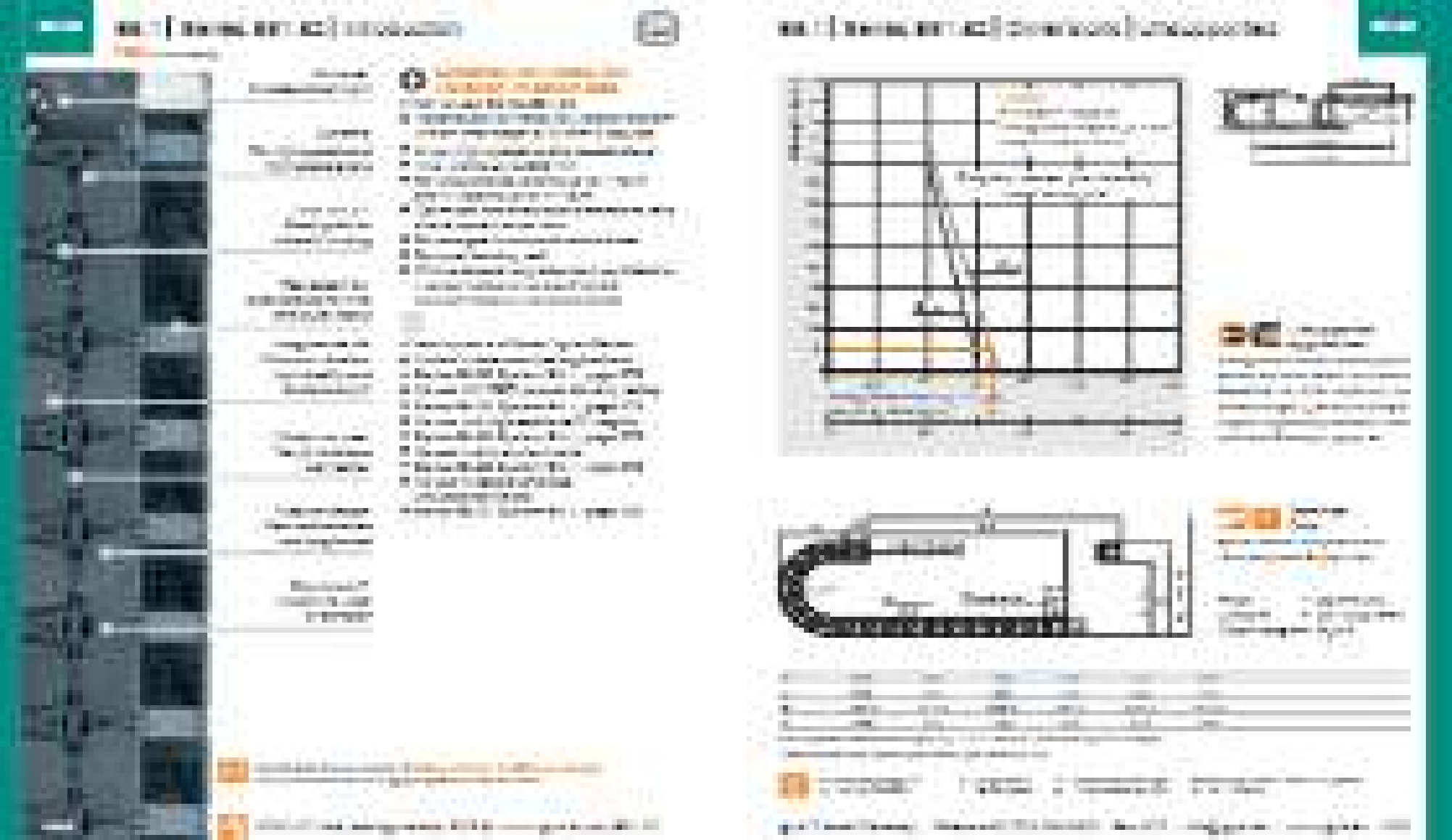


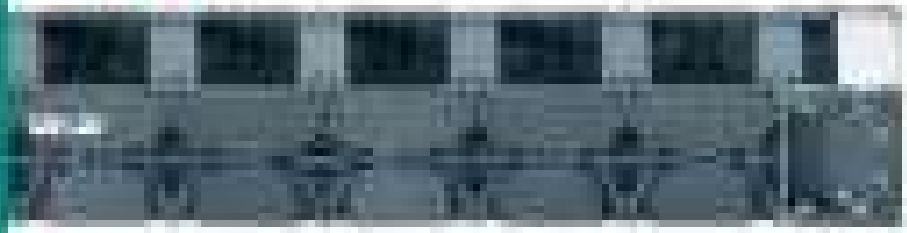


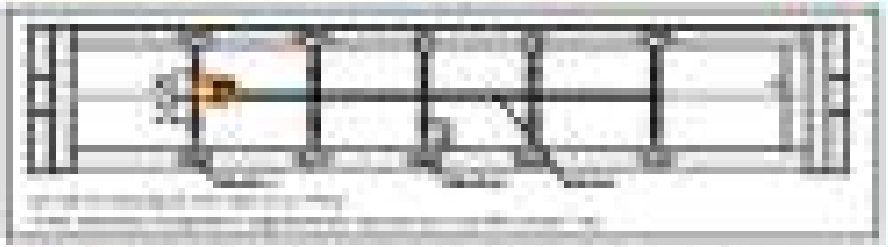


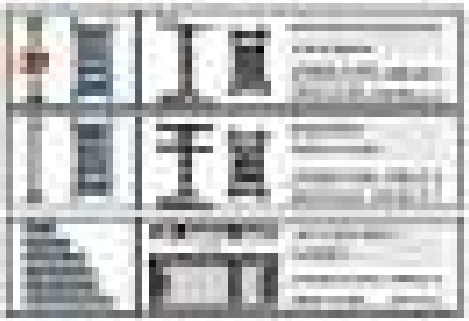


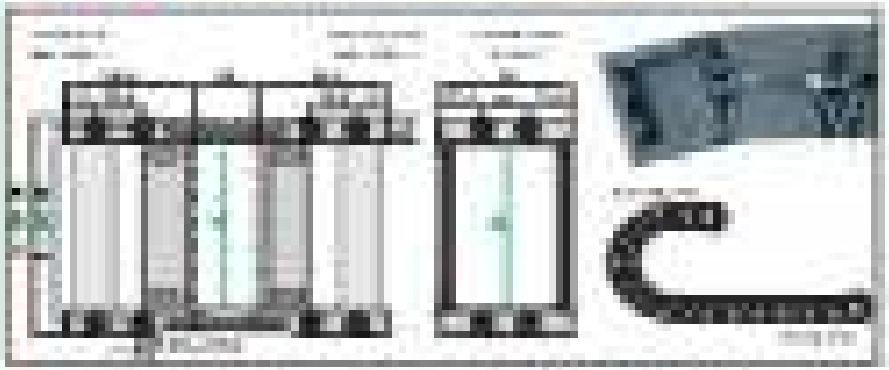










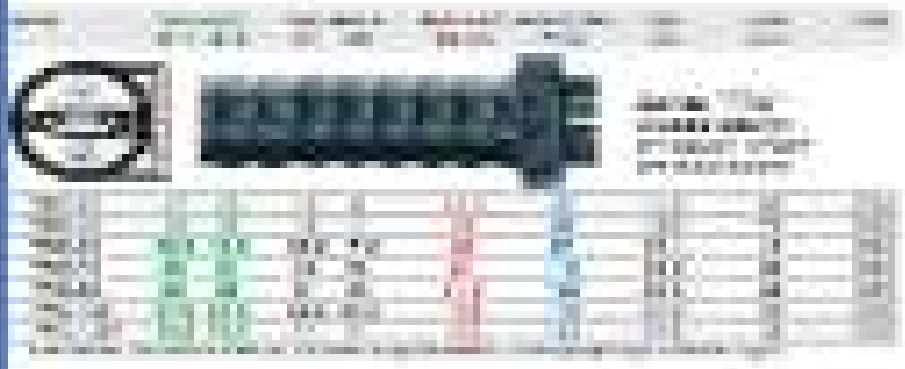


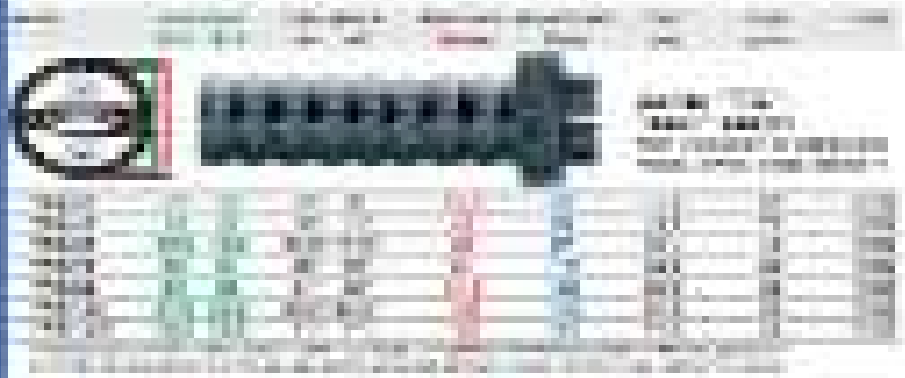

igus® 3D
e-chains®


igus®
triflex® R
3D-robotic e-chain®

Movements in 3-axes, inter alia, for robots

mMac® R





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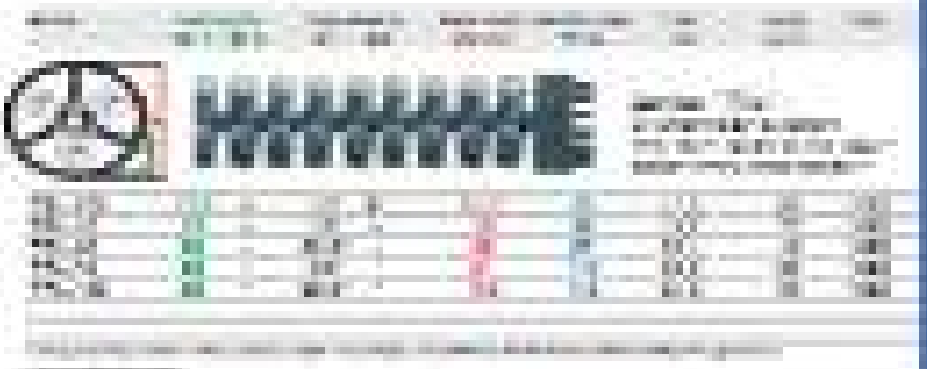
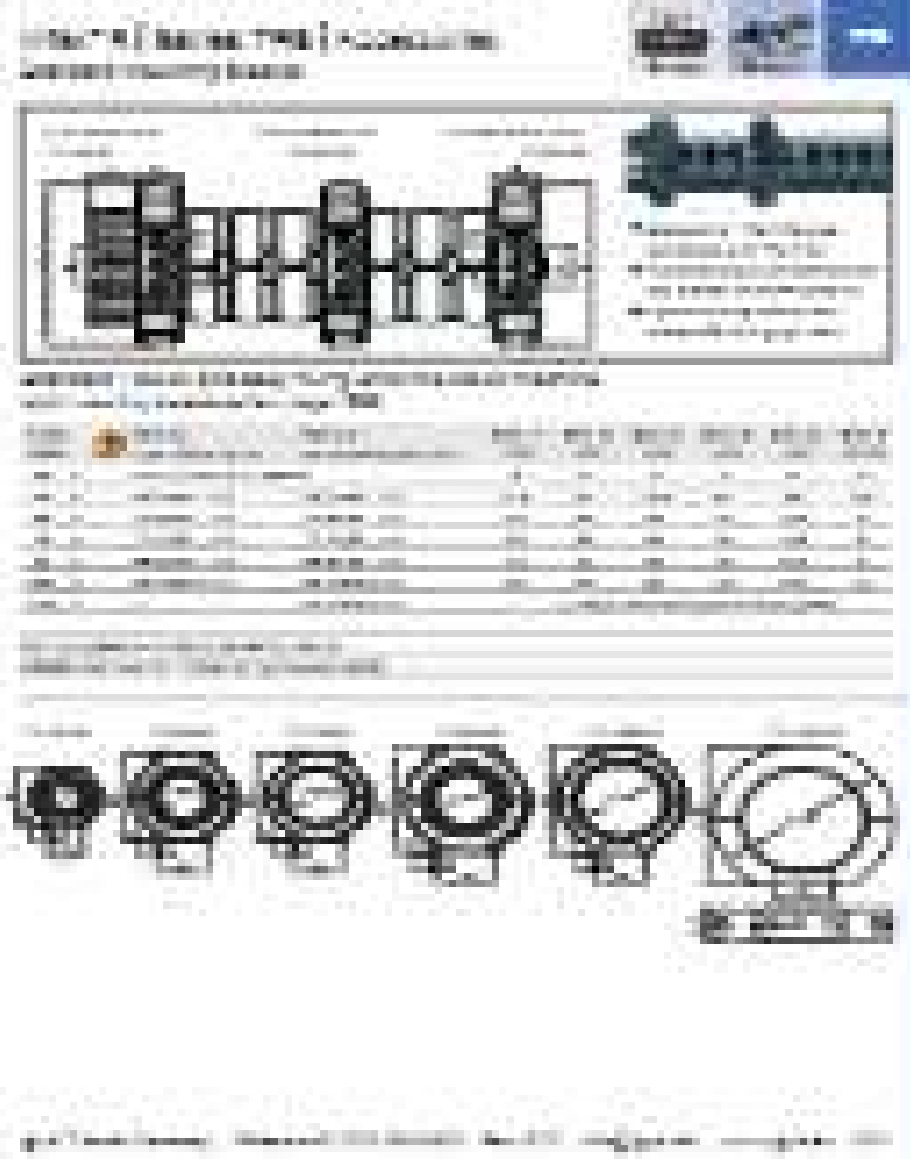
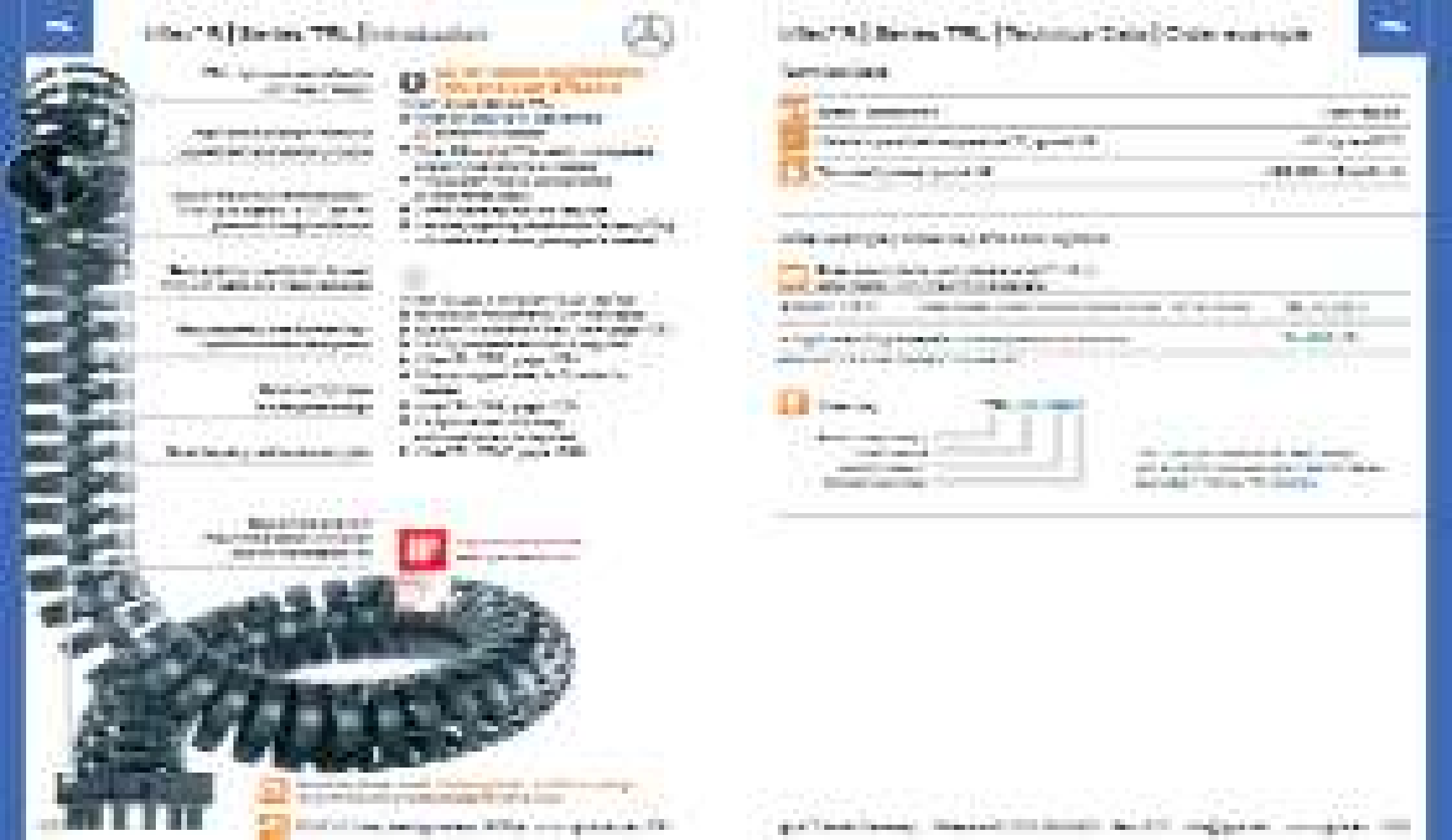
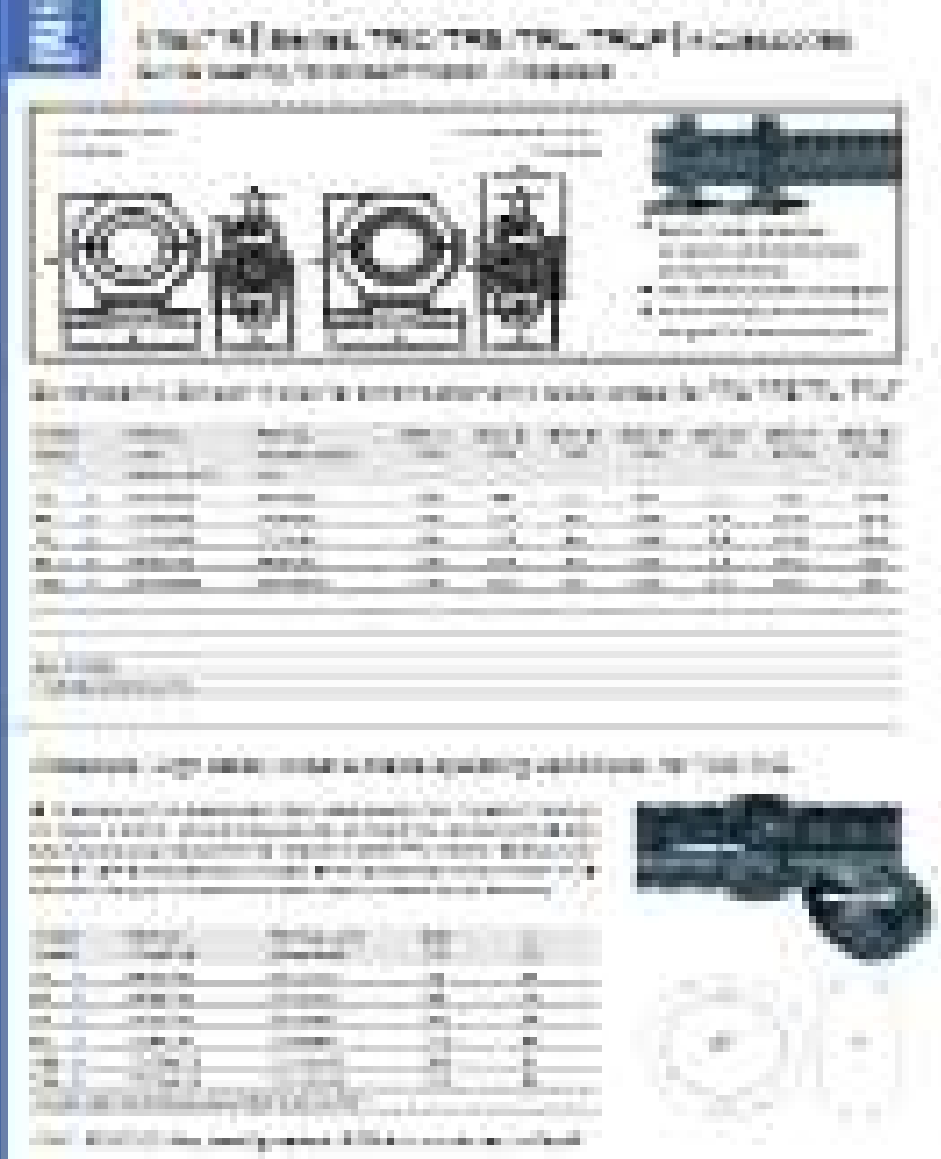
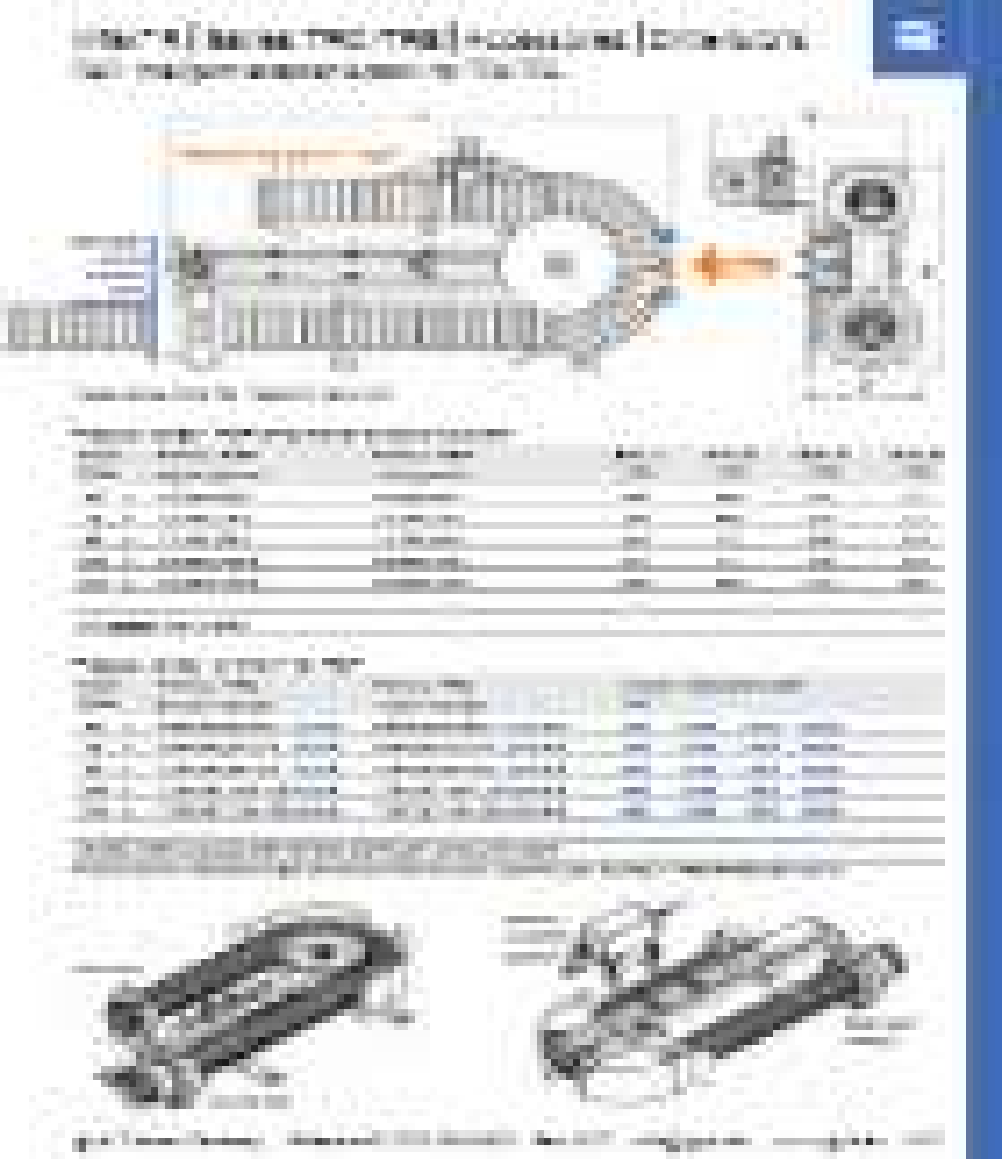
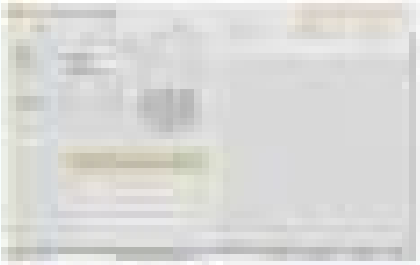


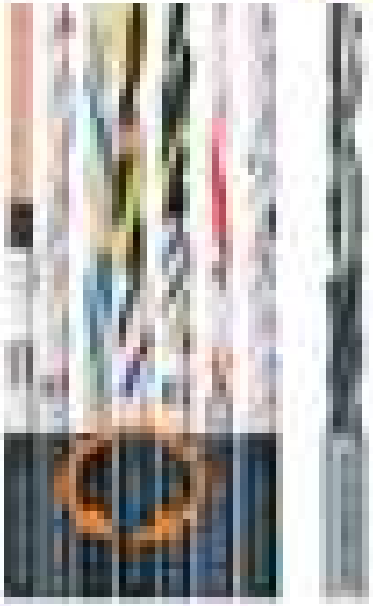








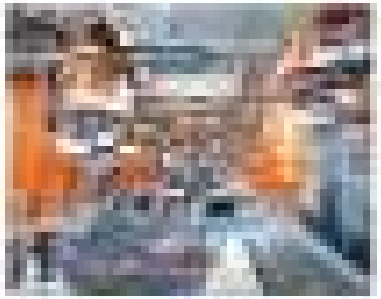




igus®
easy triflex®

e-chains® for simple 3D-applications

e-chains® for simple 3D-applications - easy trifle®




igus®
triflex®
invented for simple
3D-applications

Enclosed for simple 3D-applications – 2-flex®

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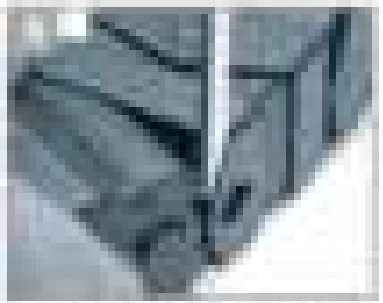
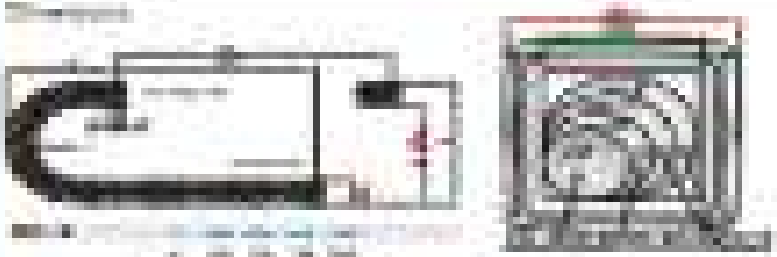
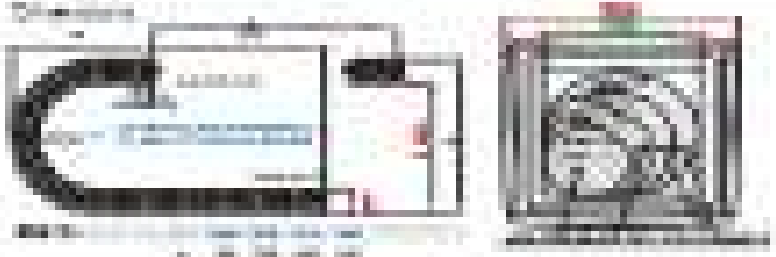
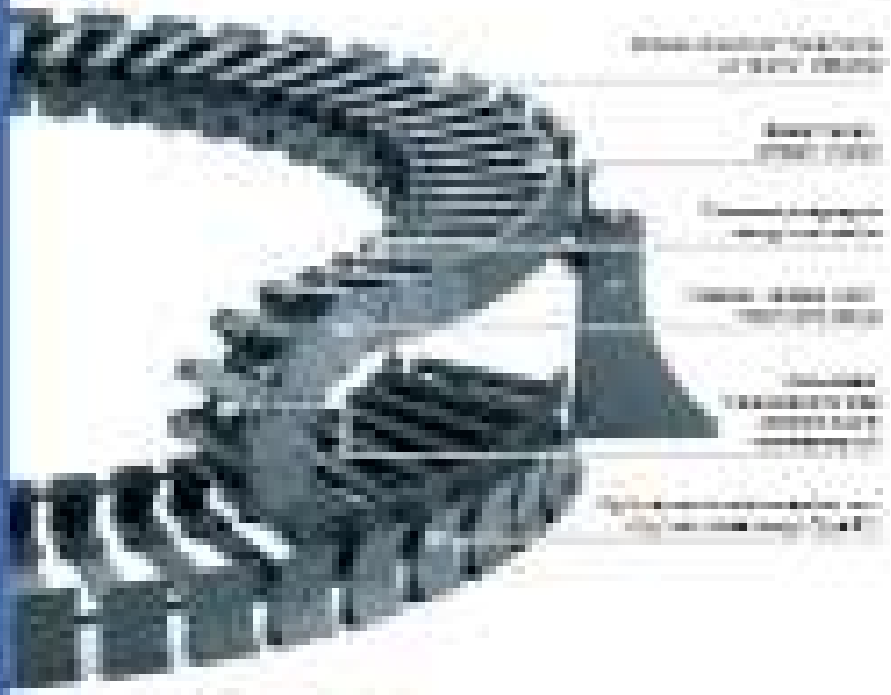


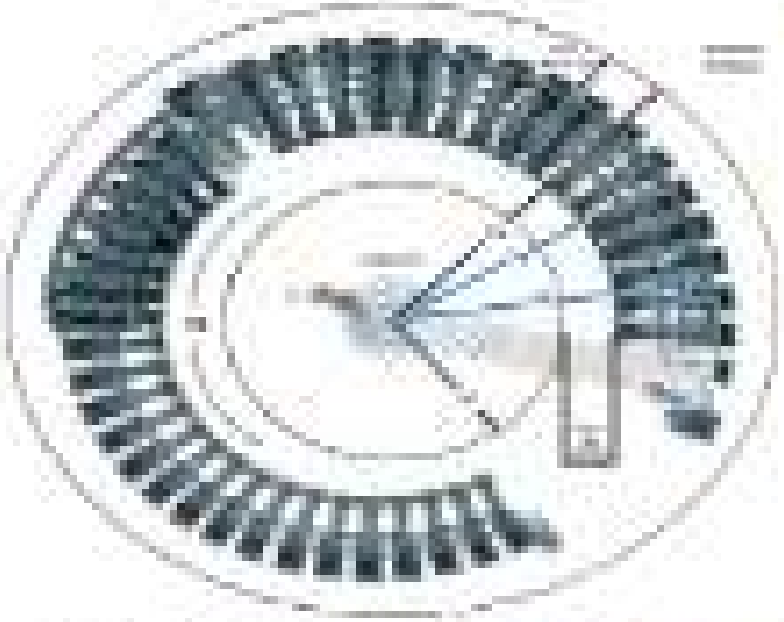





New
generation
twisterchain®
Rugged, quieter, for higher loads.
Circular and axial
movements up to 540°

Rugged, quieter for higher loads. Gimbler and spiral movements up to 540°. Wallbreaker Pro





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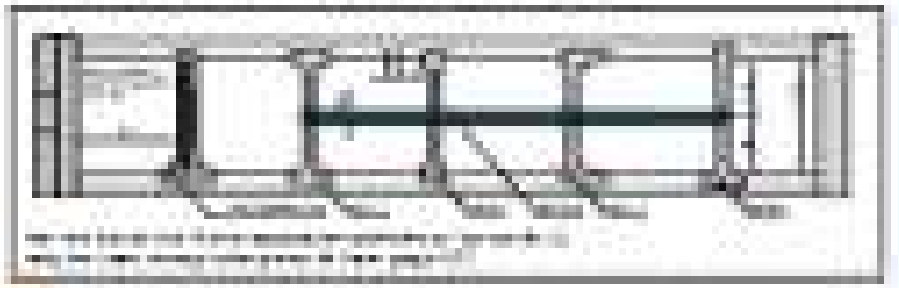

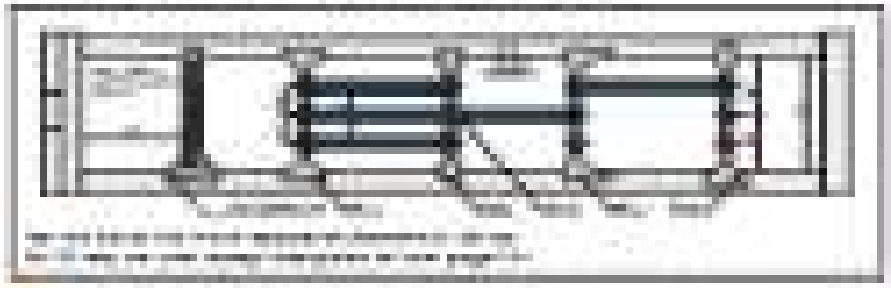

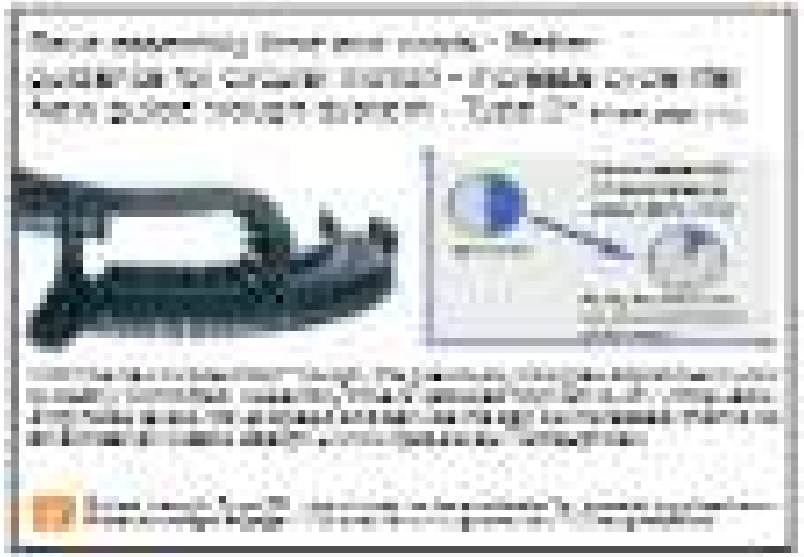

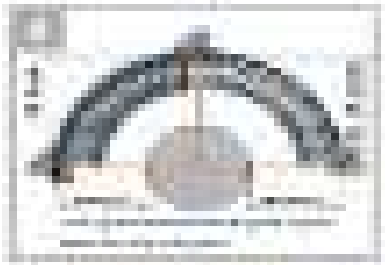

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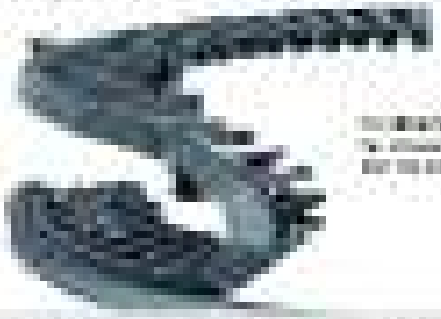
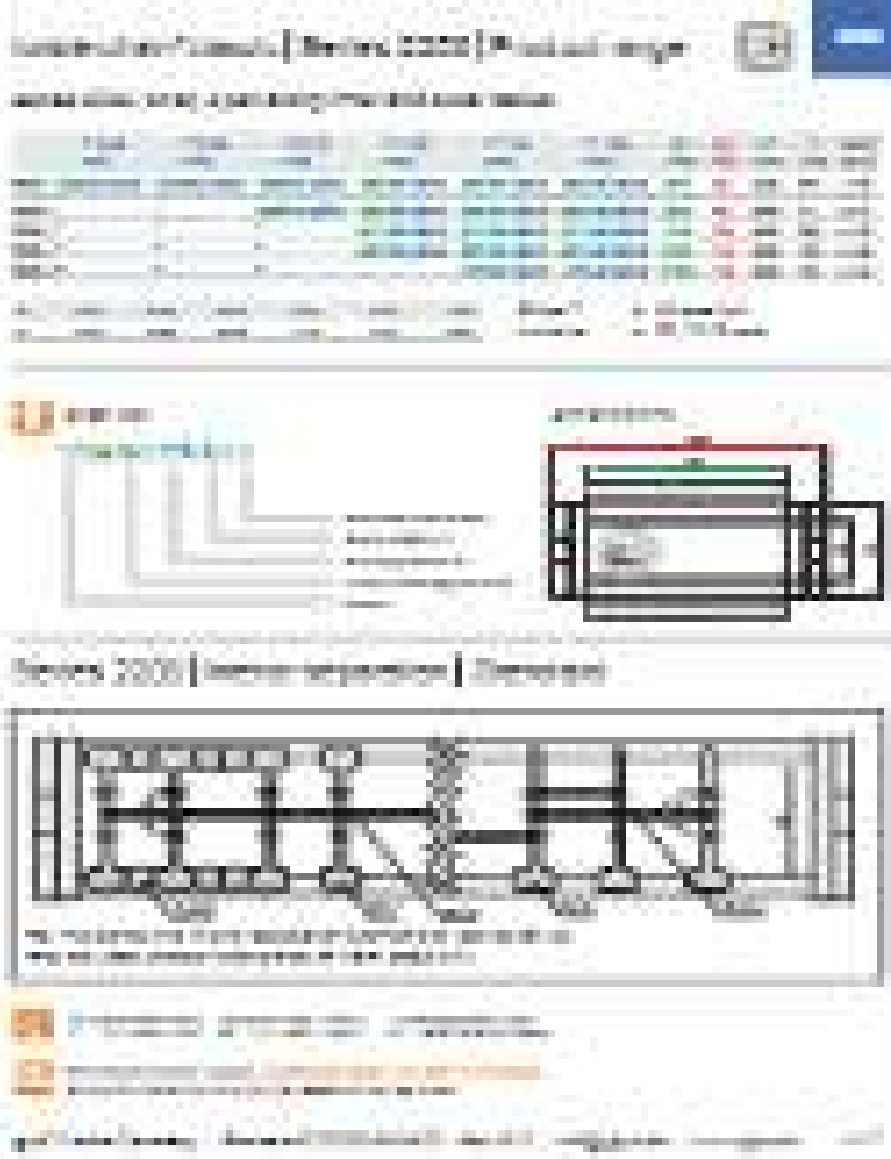
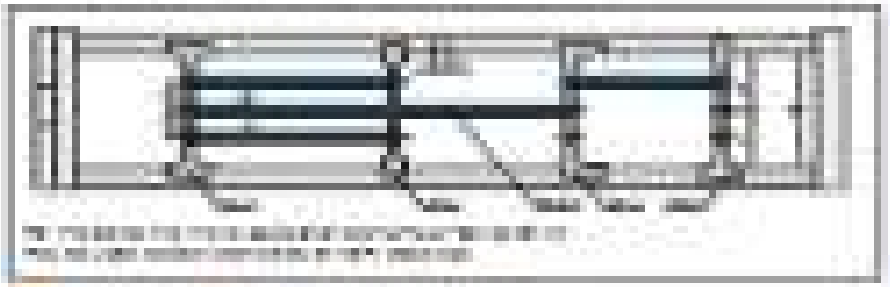
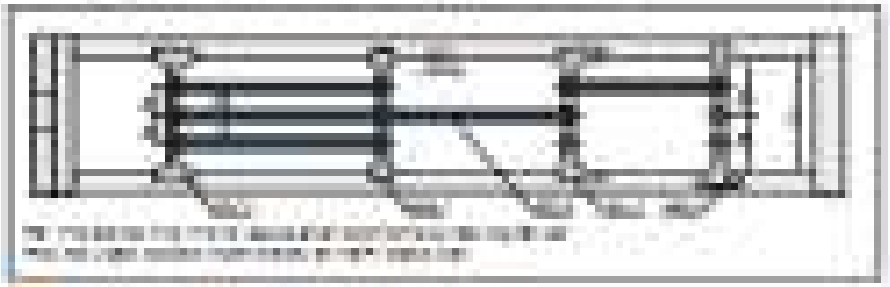
First
generation
twisterchain®

Circular and spiral movements – "Hirschrinder" classic









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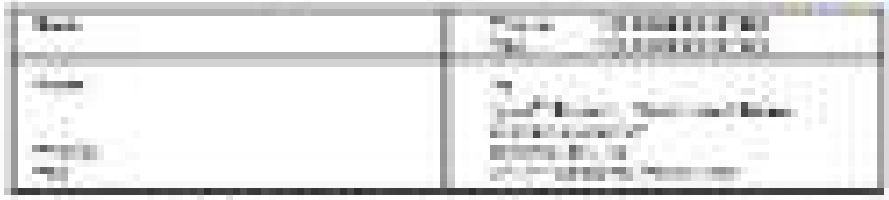
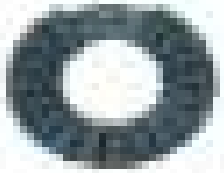
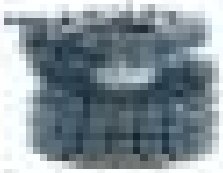


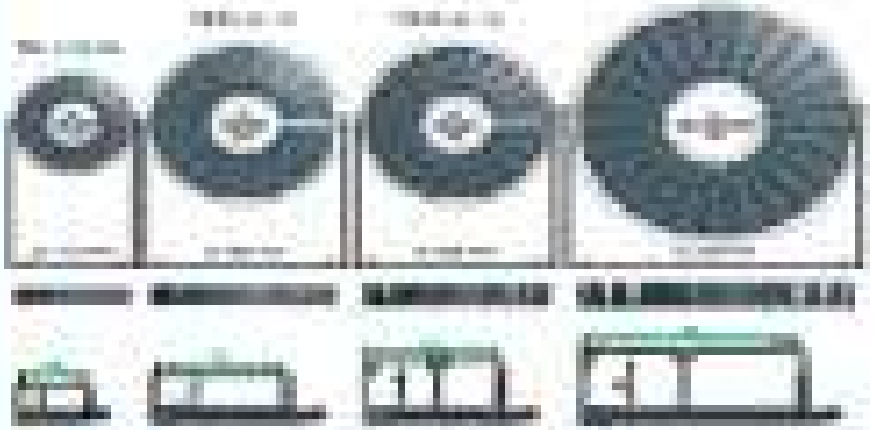

igus
Twisterband

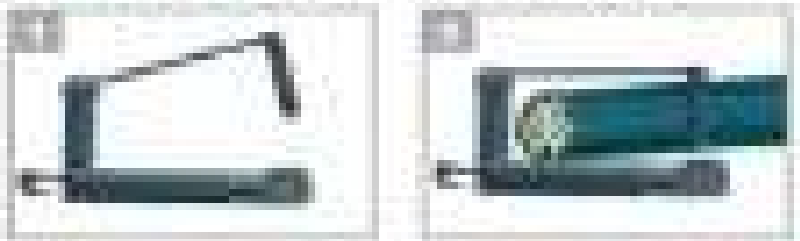
Compact, modular and cost-effective – twisterband

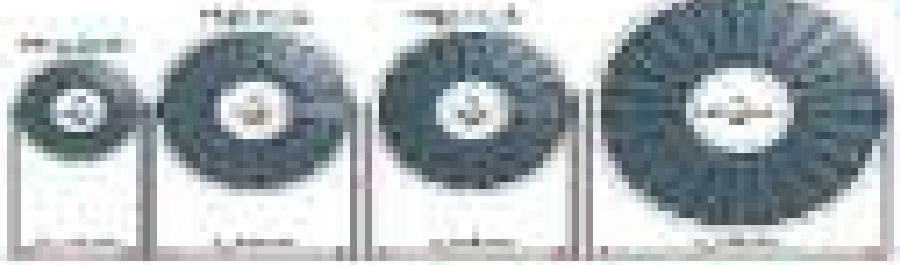
twisterband Features

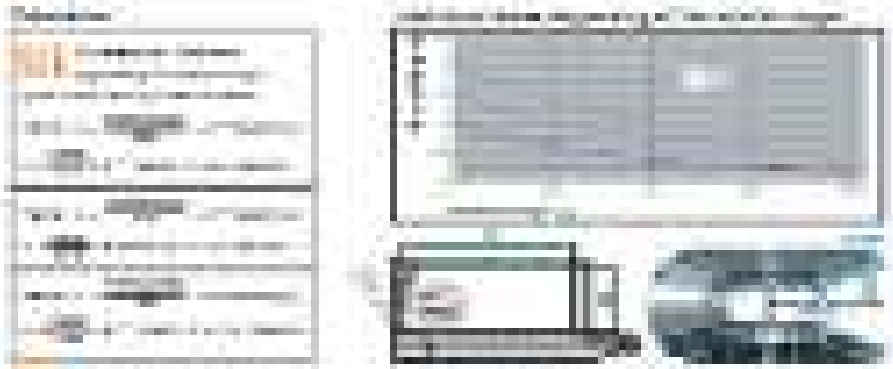


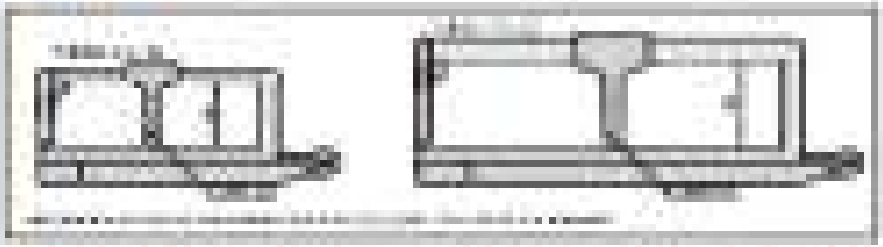






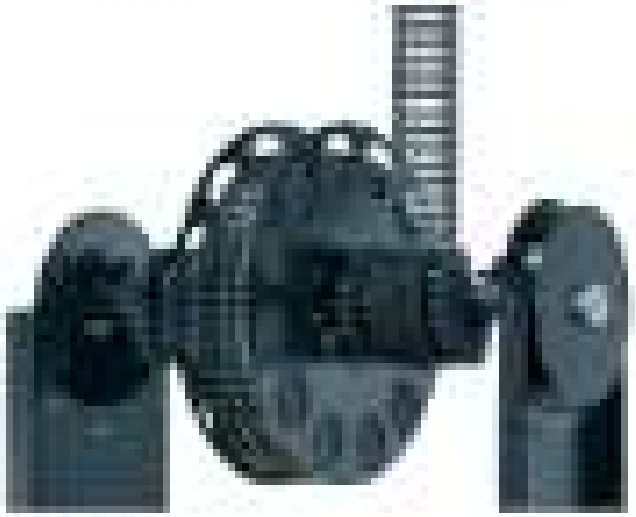






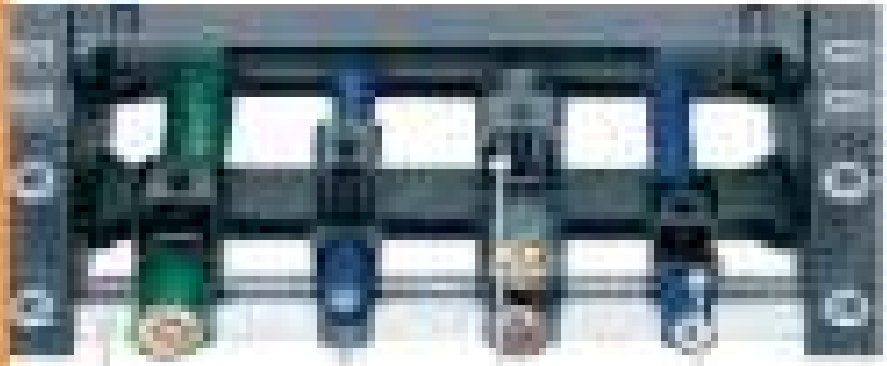

igus®
e-spool

The alternative to cable drum – lpue® e-spool

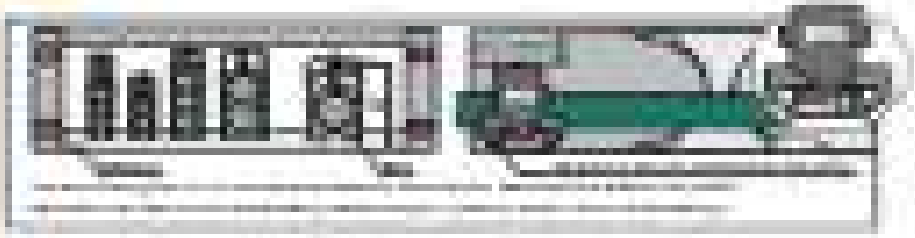


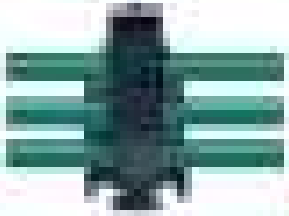

igus®
chainfix
strain relief systems

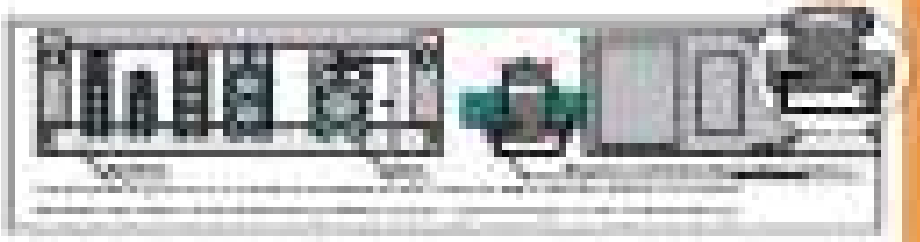
Flexible and fast assembled igus® couplings stream relief.

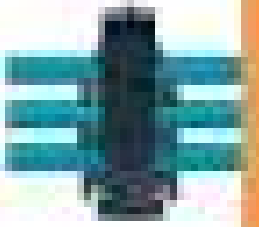


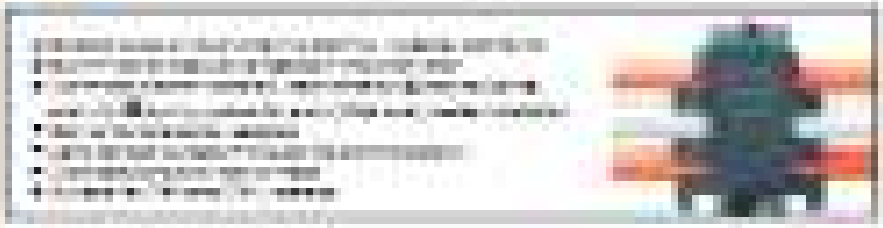
More secure, faster assembled – igus® chainfix clamps

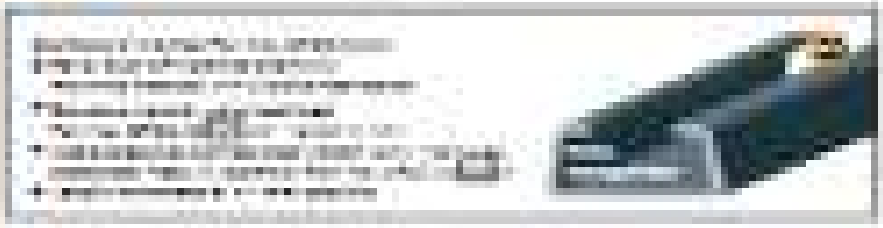


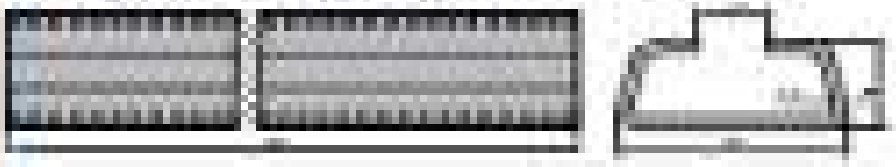


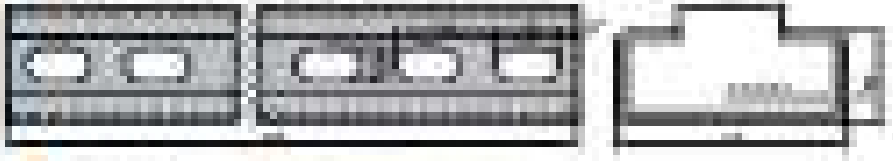


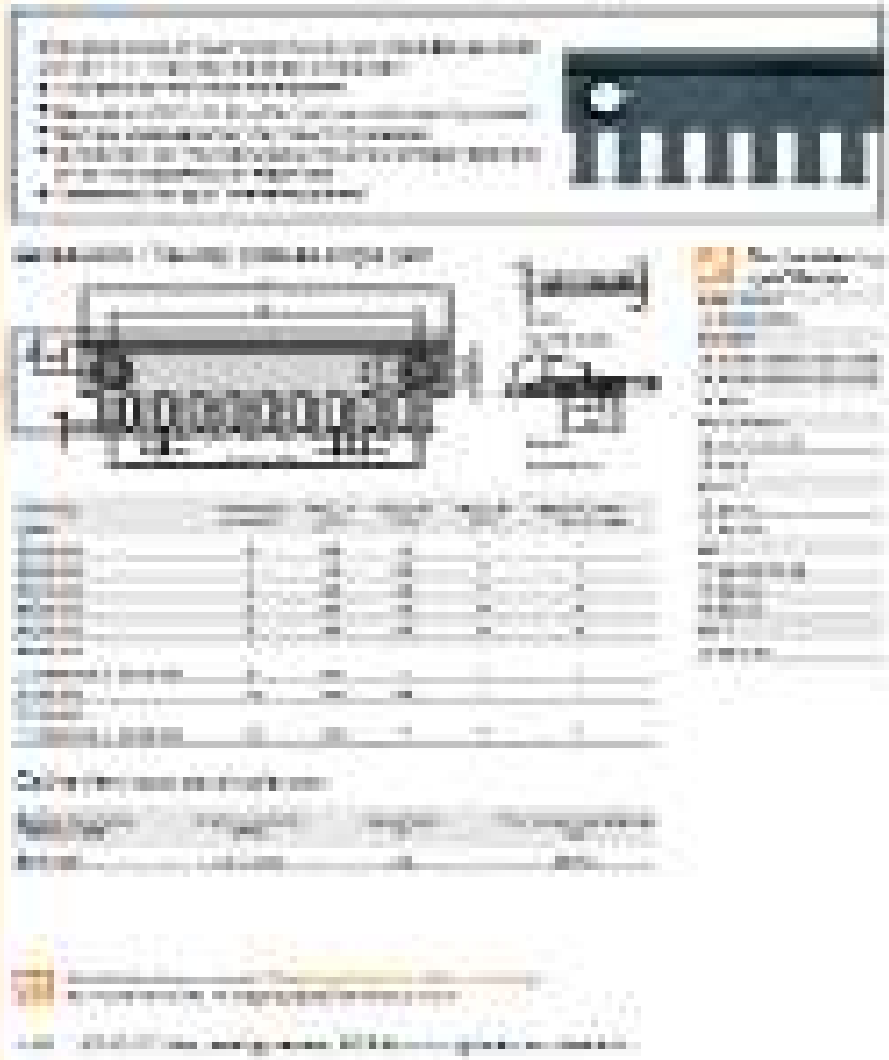


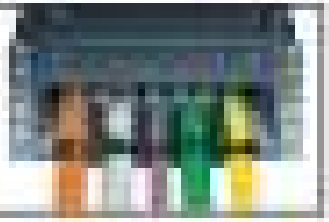


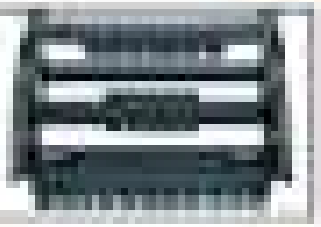


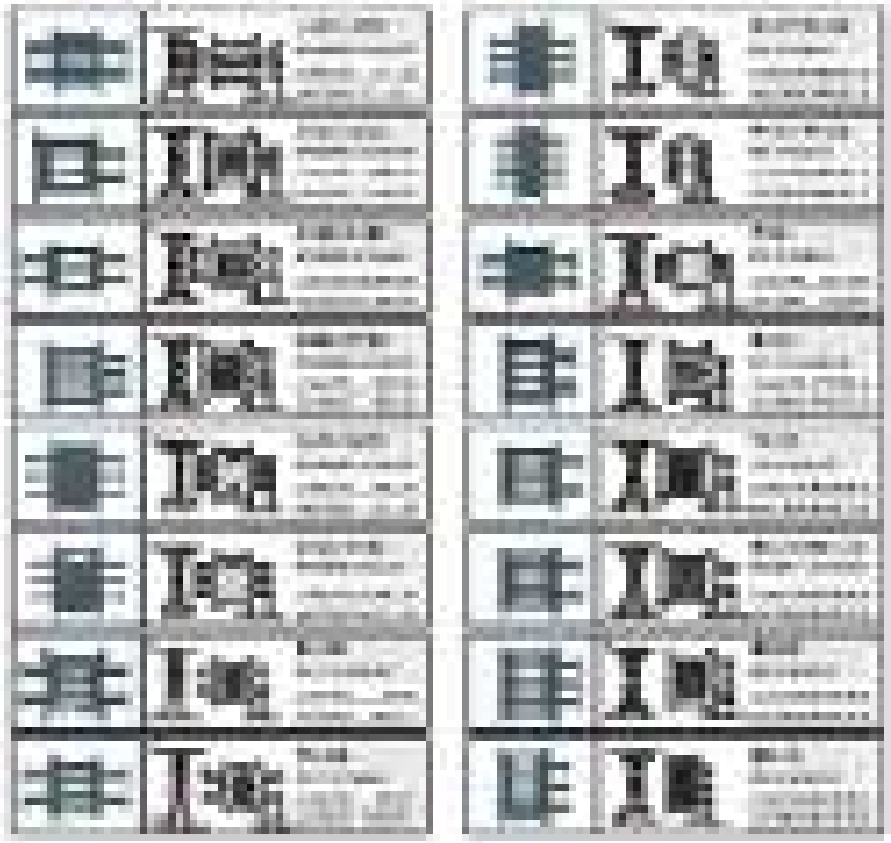


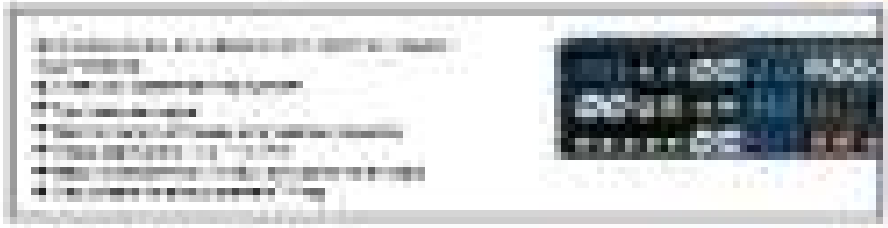


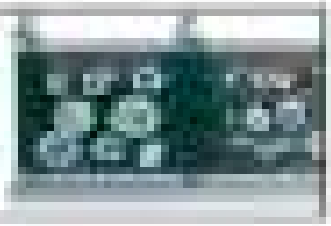


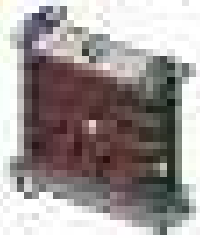


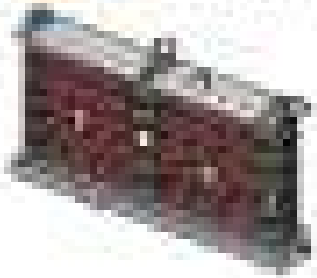


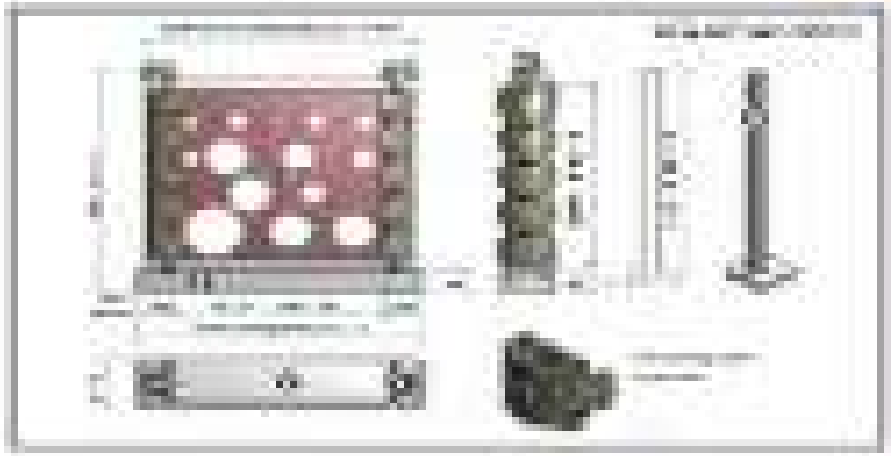


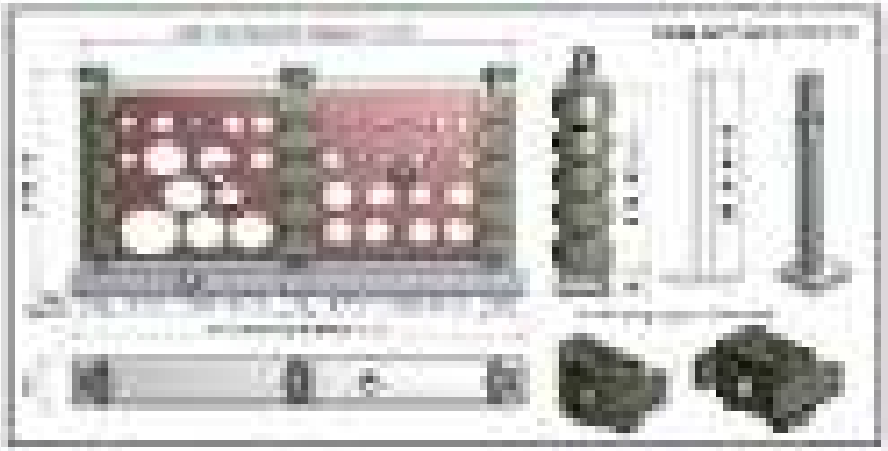








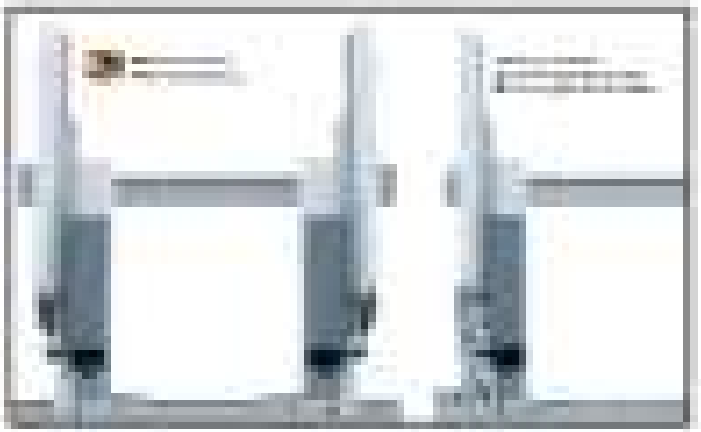




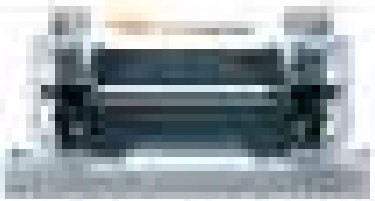
guide trough systems

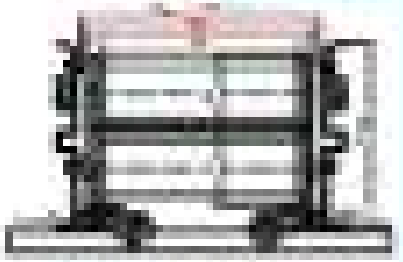
aluminum, steel and other troughs

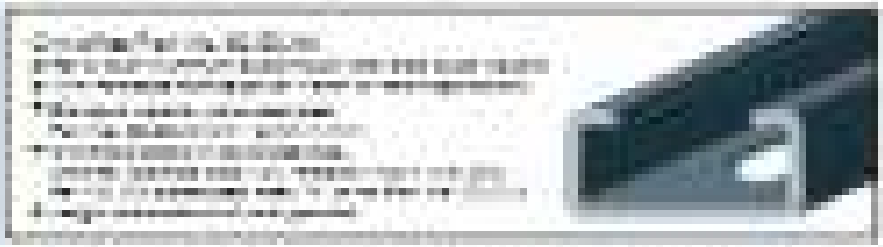
Guide Toggle | Aluminum

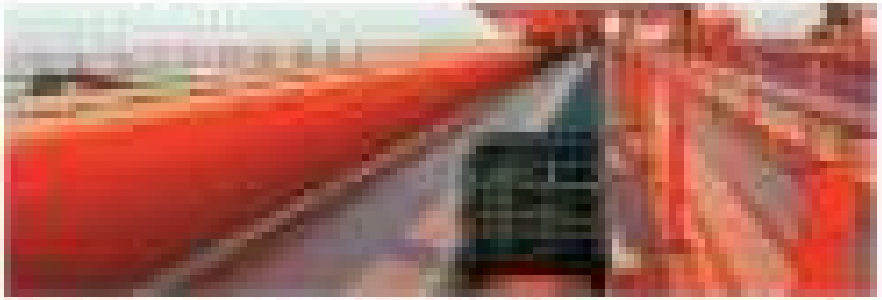


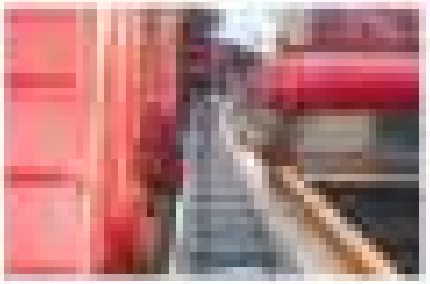
Guide Toggle | Steel

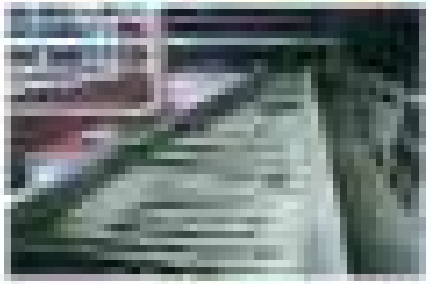


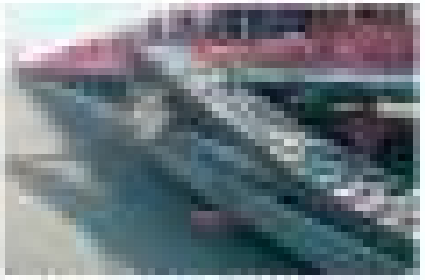








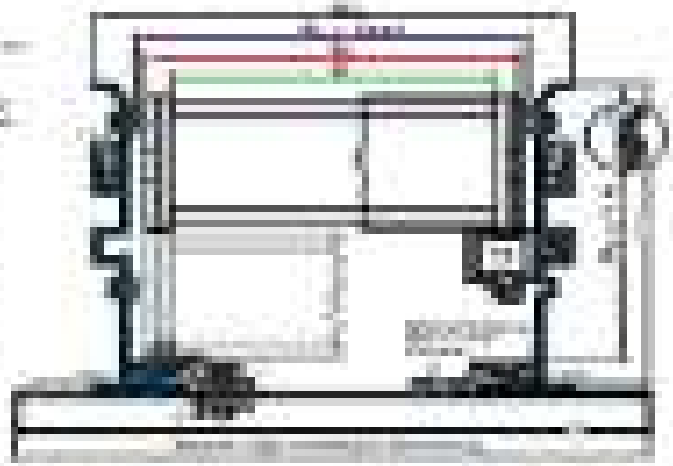


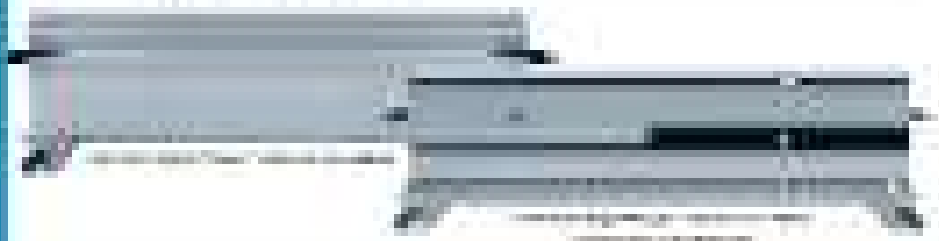


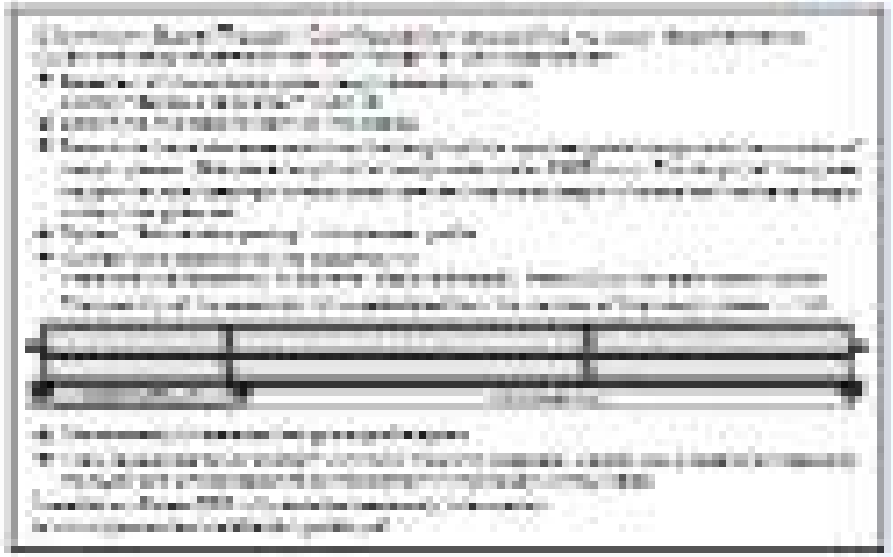
Aluminum Super Trough

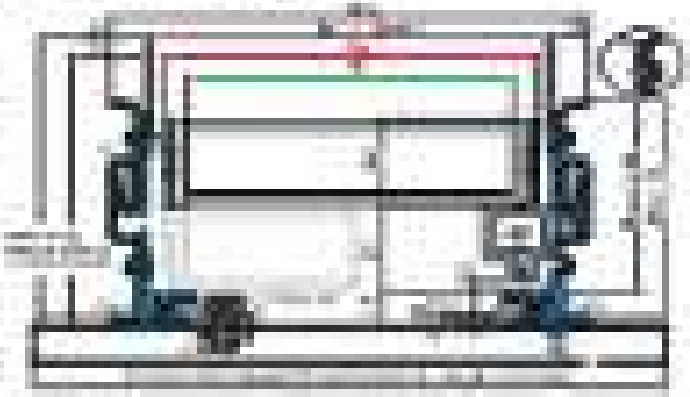
for GMC/CHEVY C/K

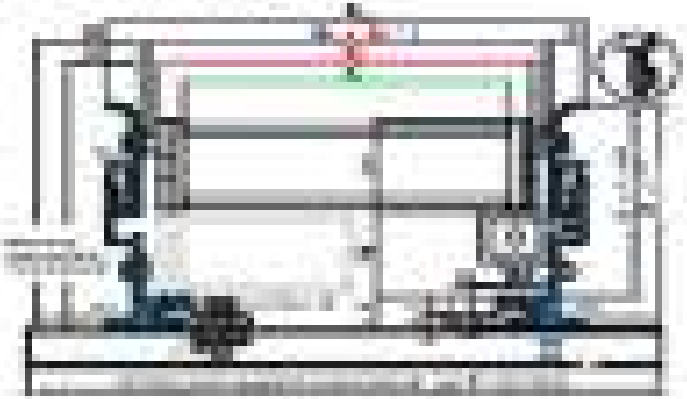
The "gold" standard - Aluminum SuperTrough

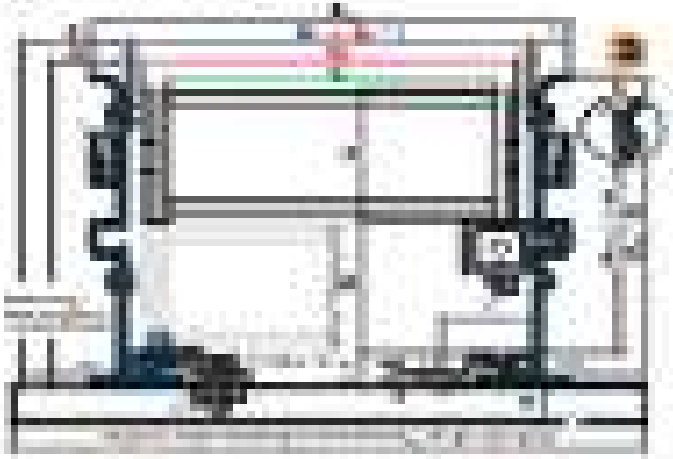


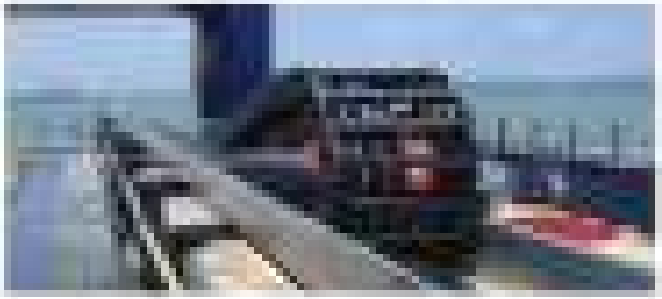


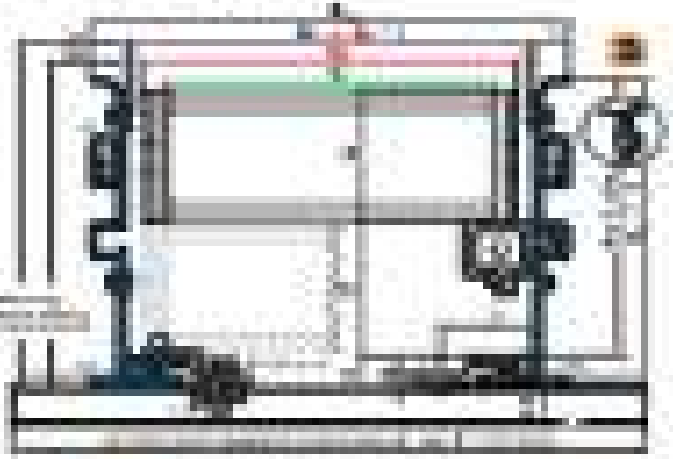


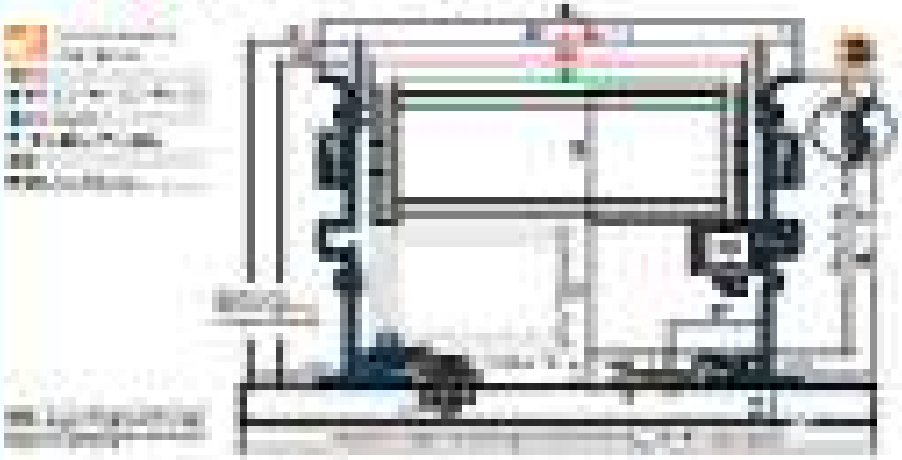


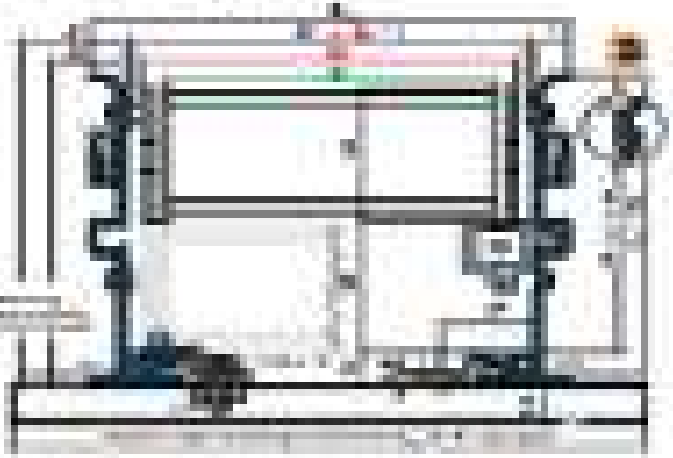


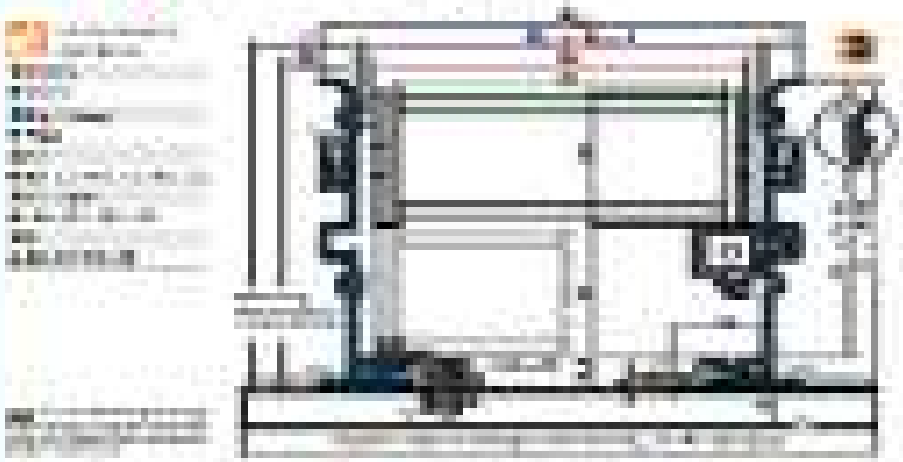


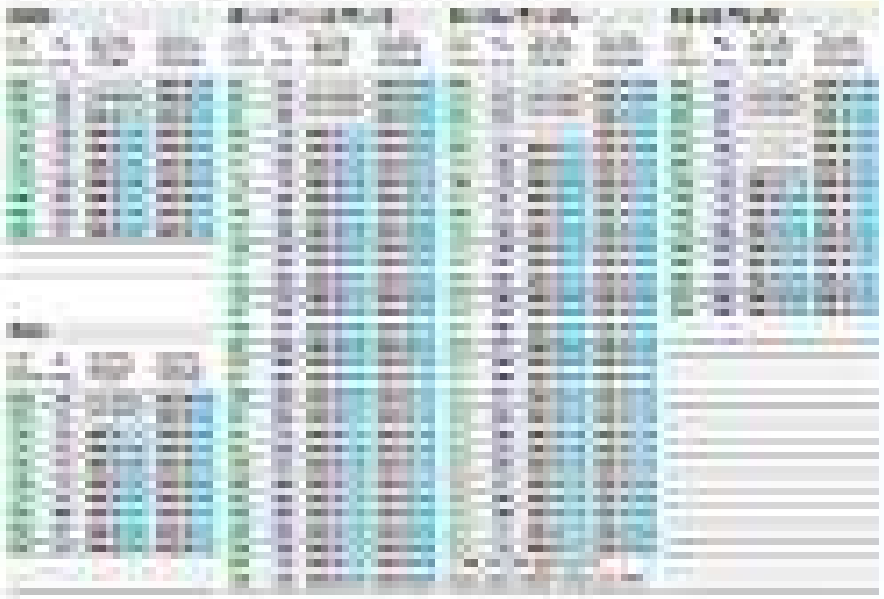


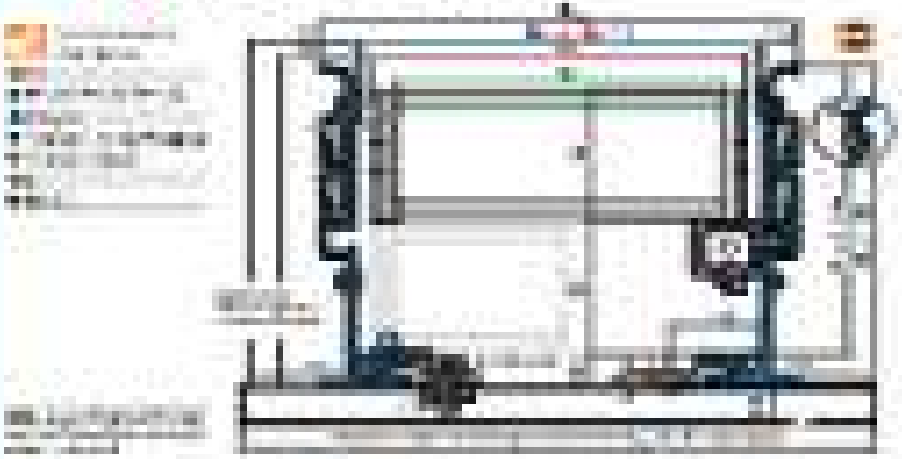


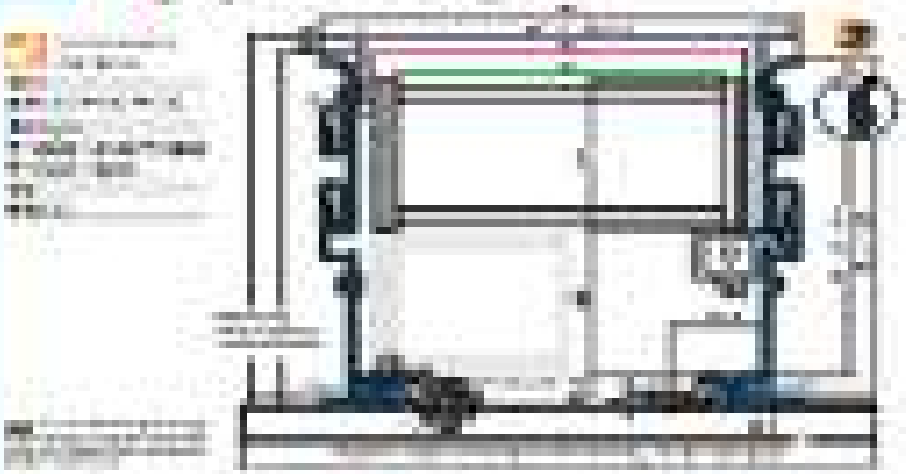


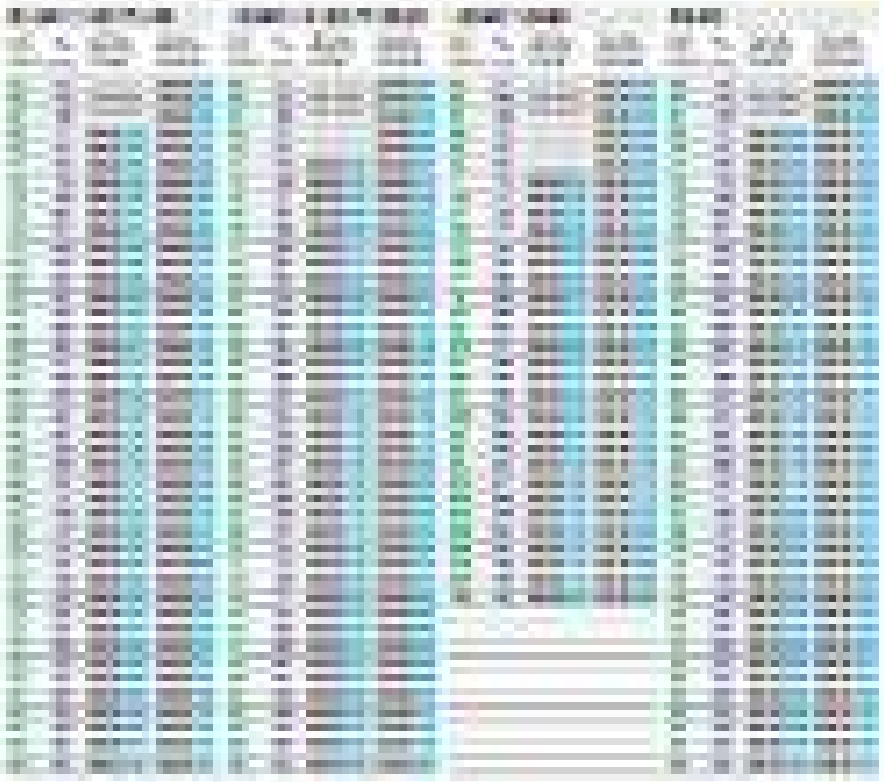


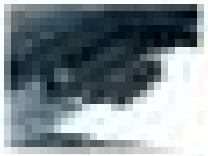


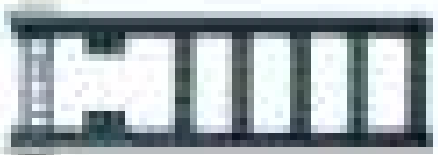


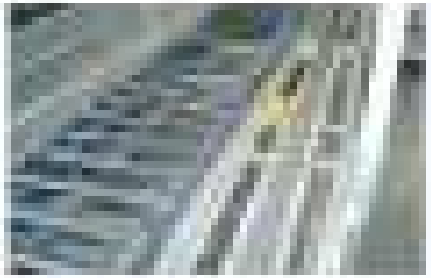








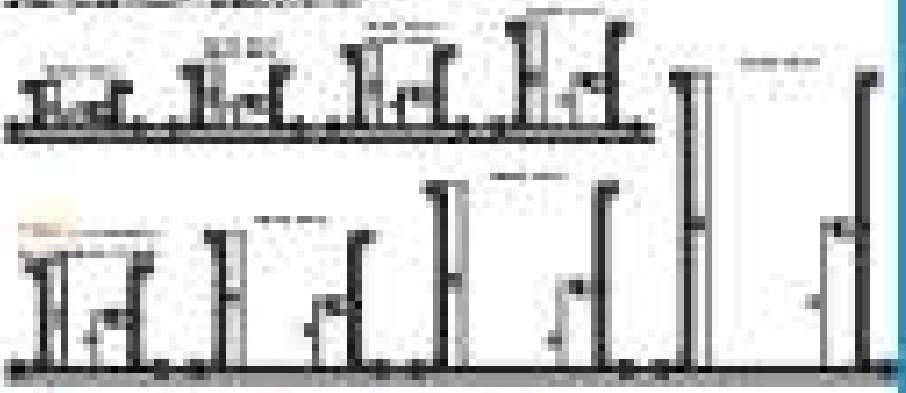




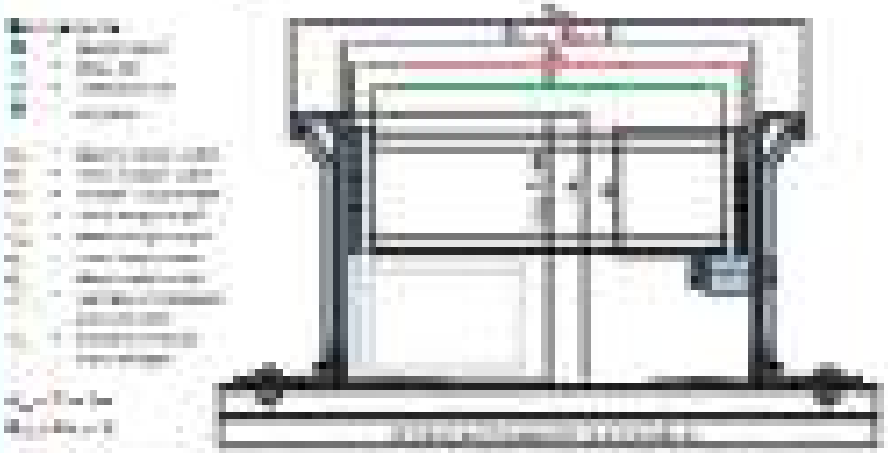
Steel guide trough

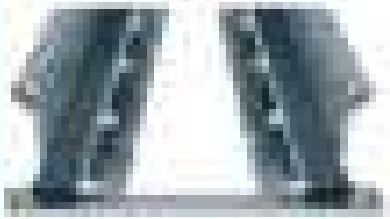
Very stable and rugged for heavy duty applications

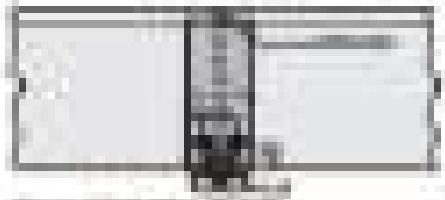
Very stable and rugged for Heavy-Duty applications – Steel guide trough

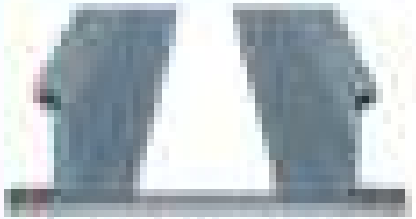


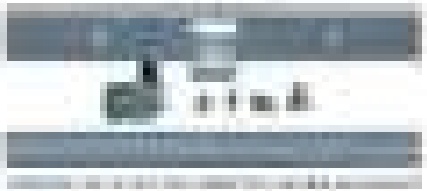
Steel Scale Trough | Parts



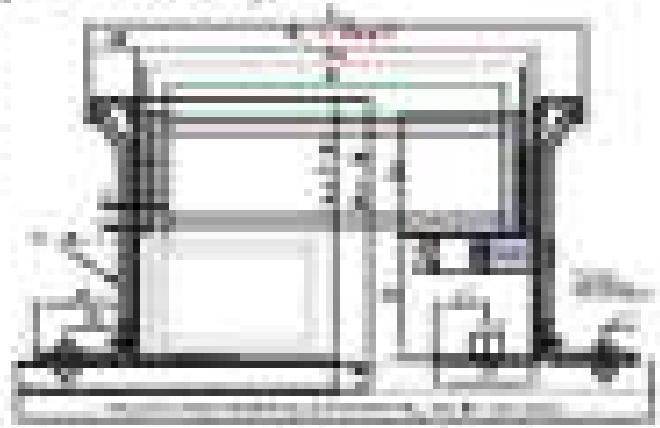


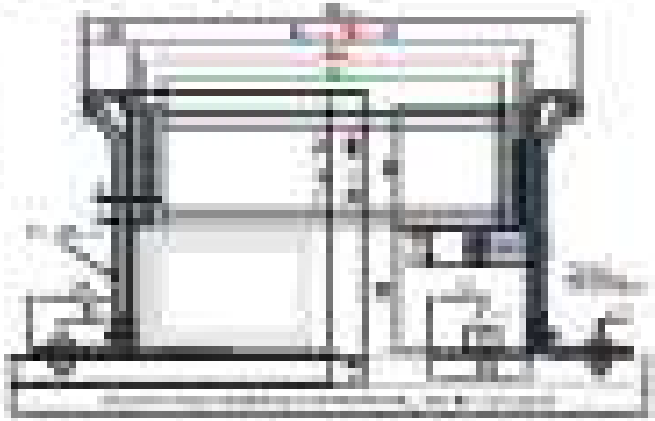


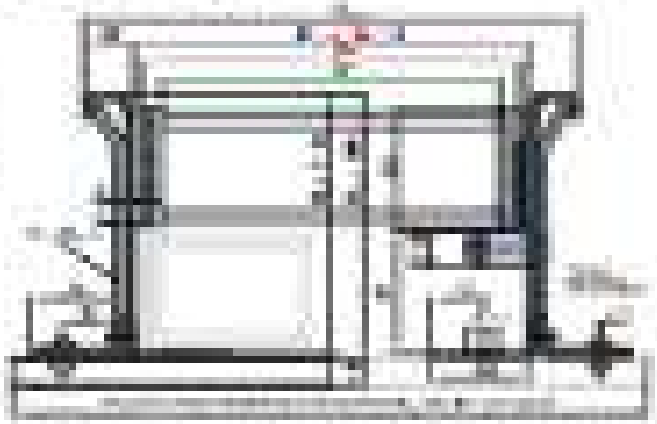


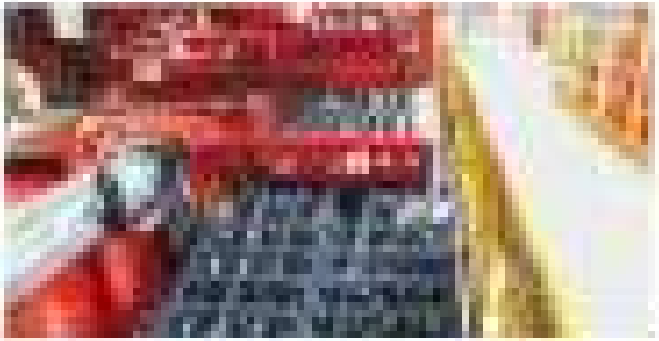


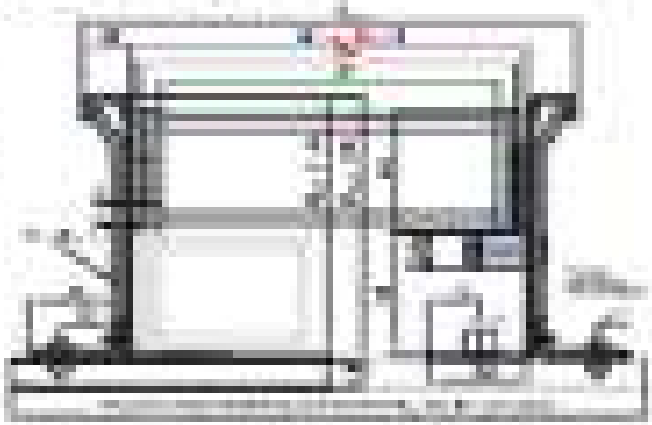
Steel Scale Trough | Configuration

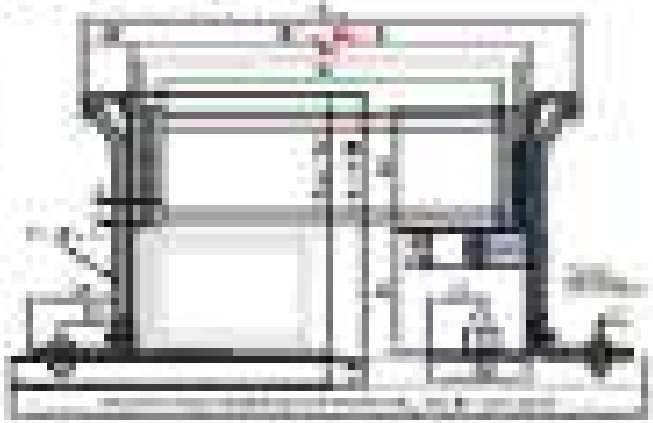


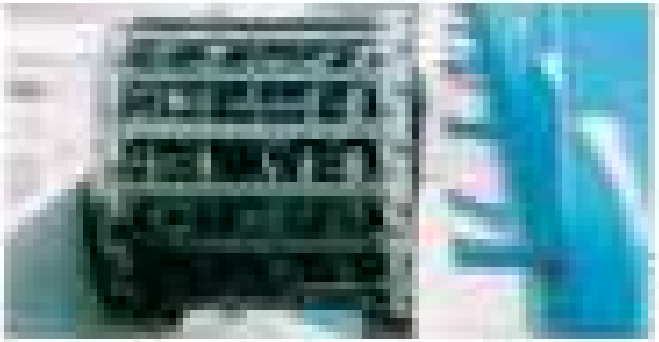


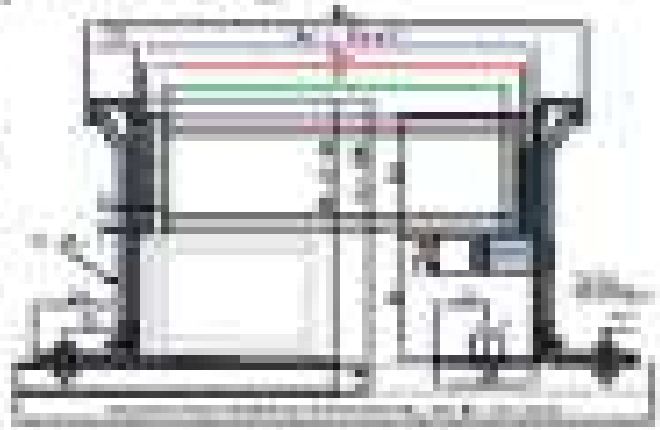


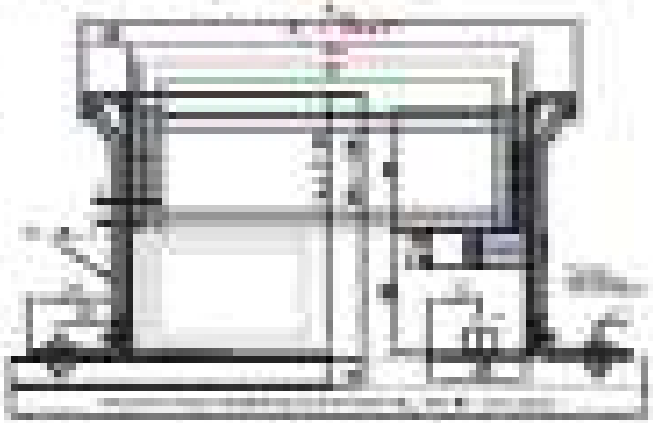


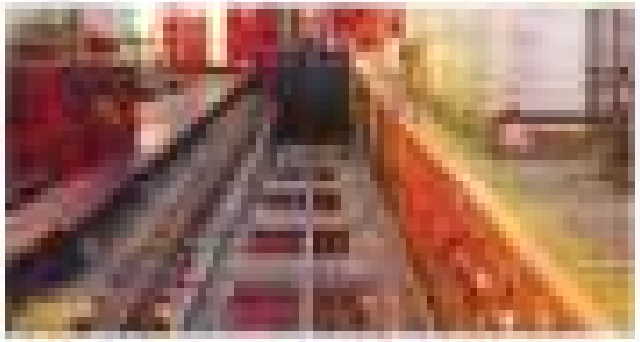


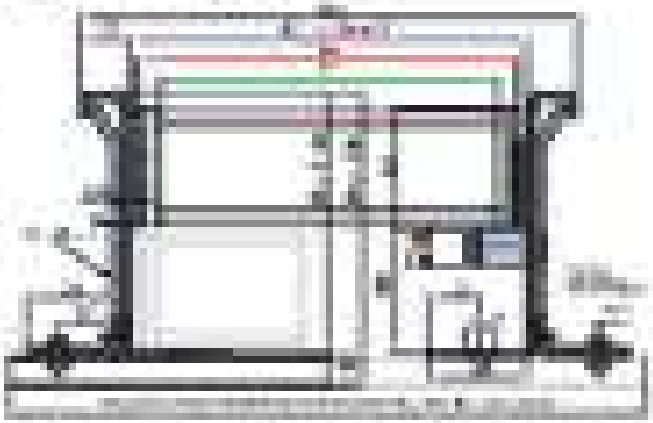


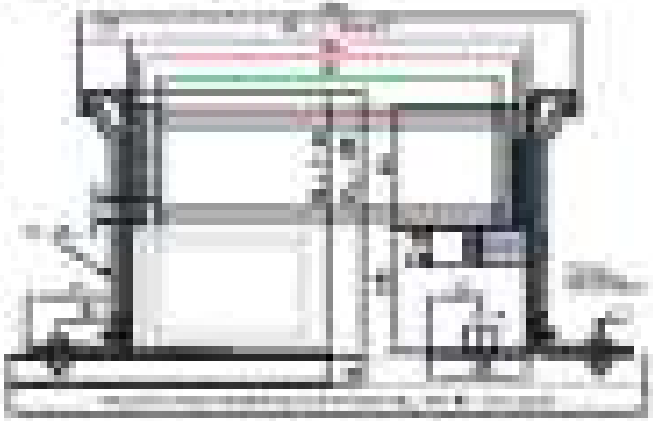


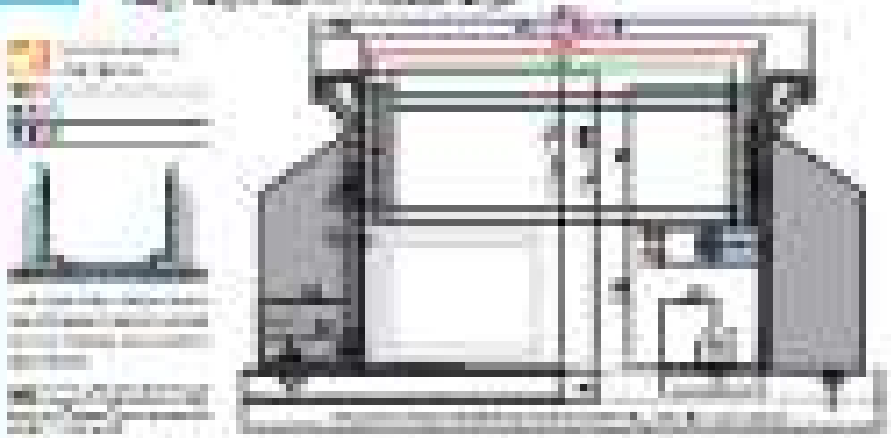


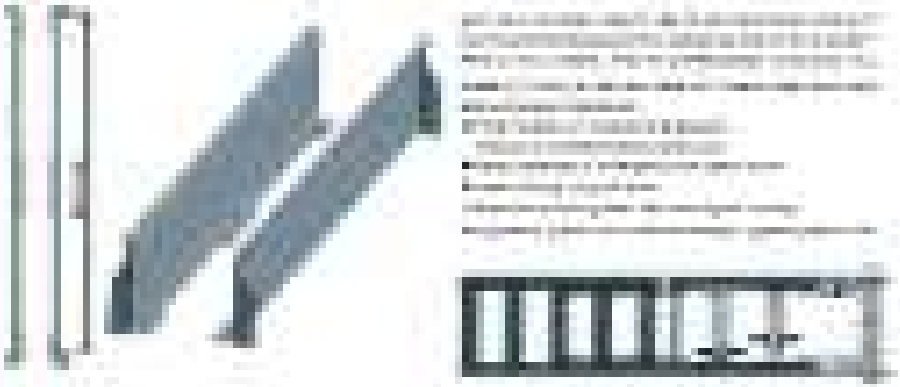


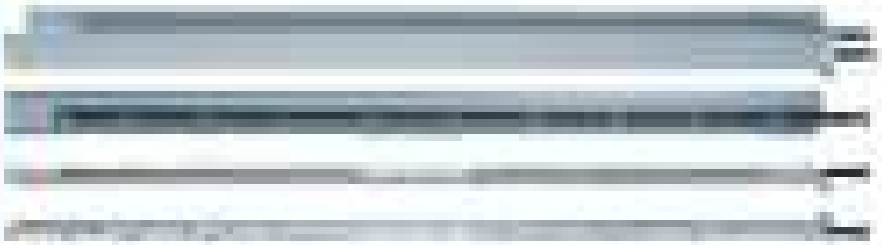


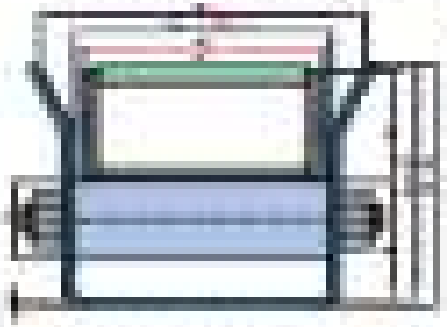


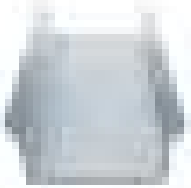






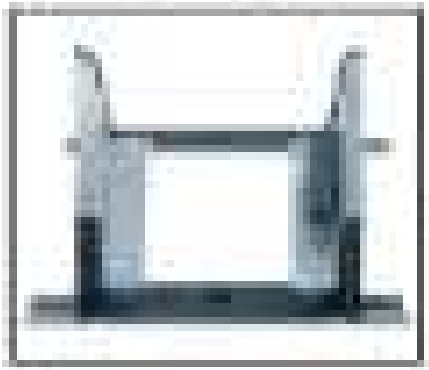


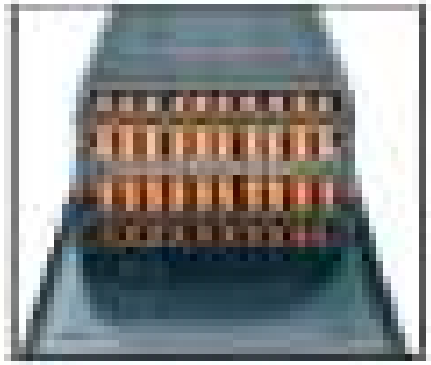




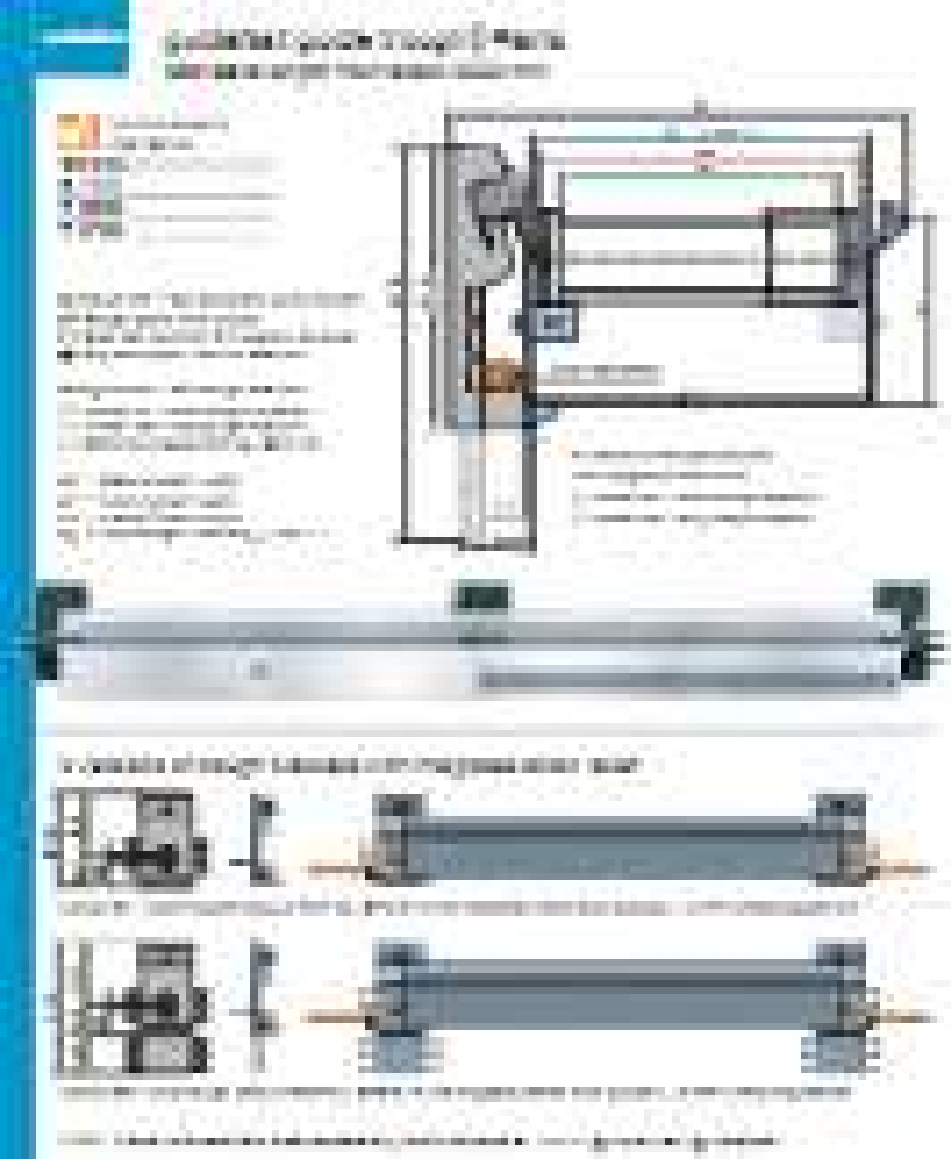
Further Guide Troughs

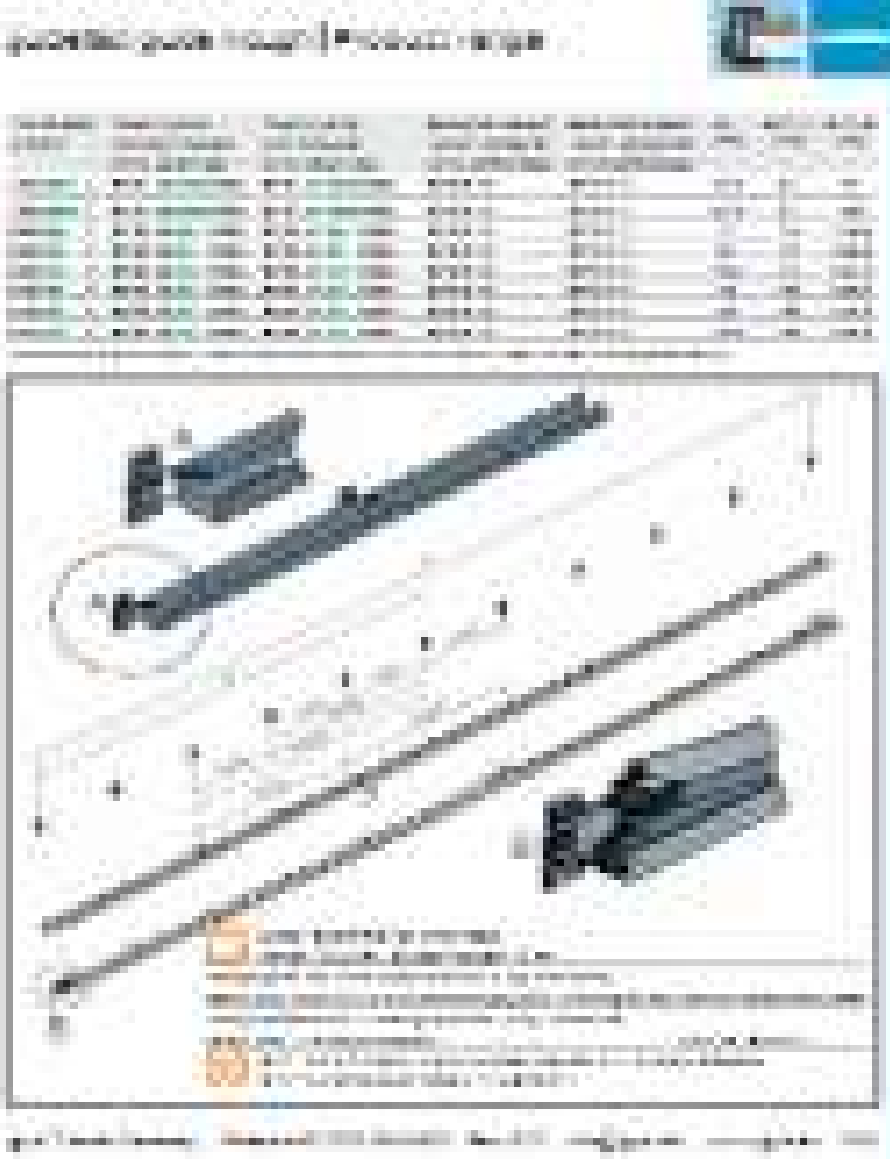
Including tubular trough, snap-off trough and support clip

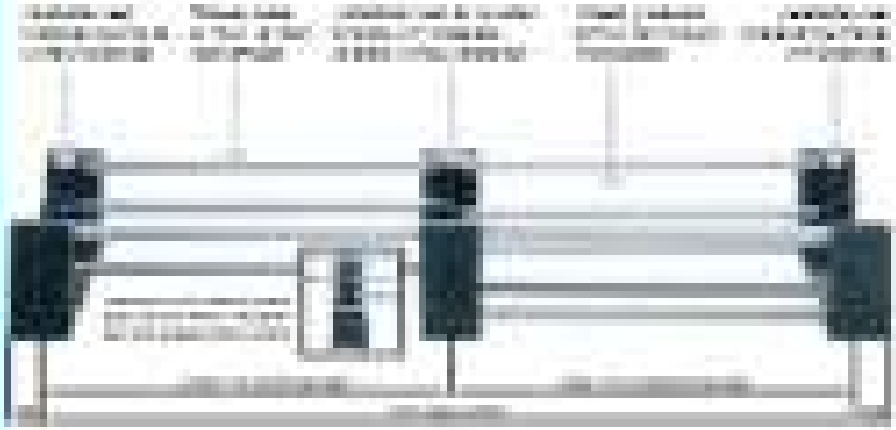




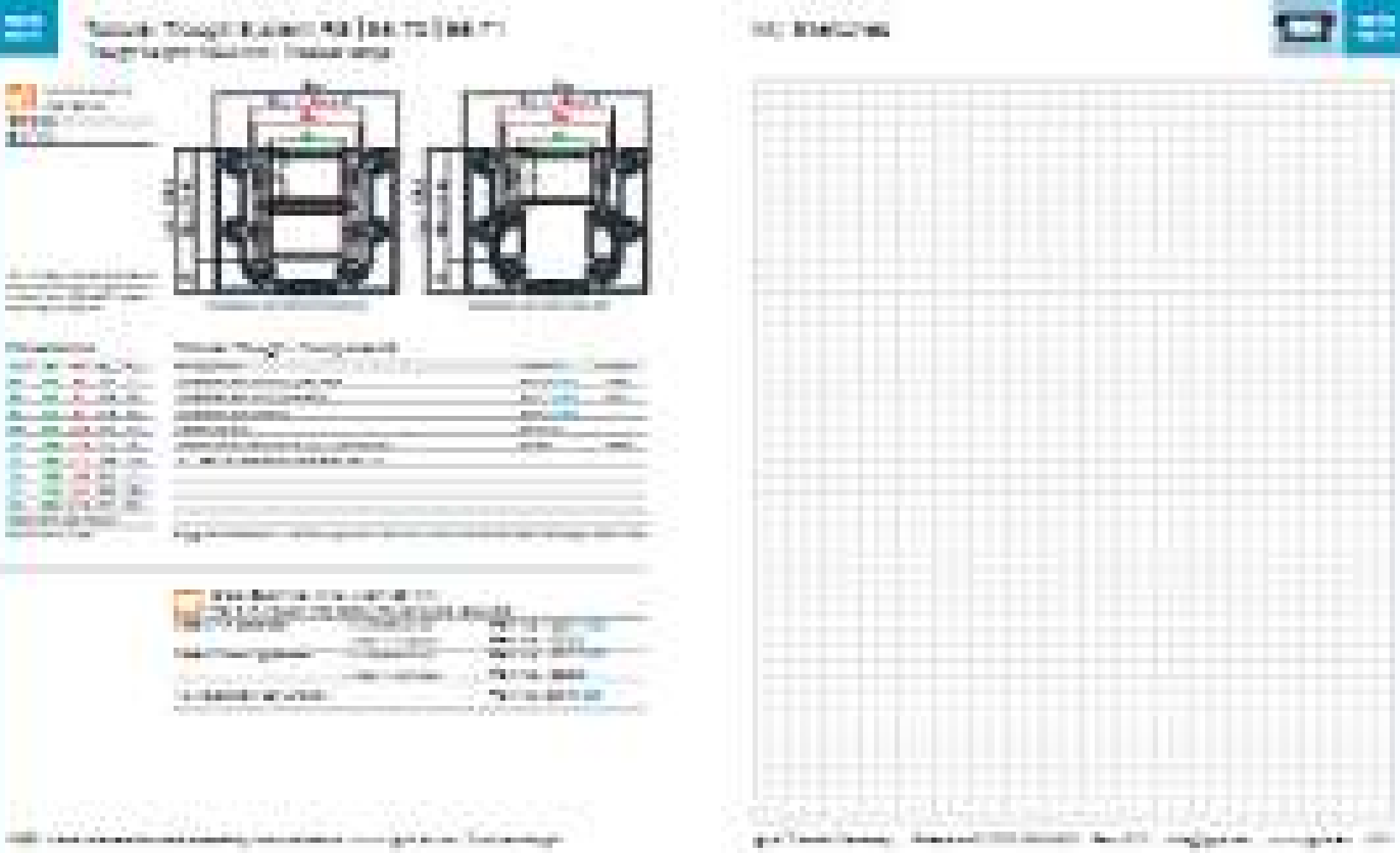
Quickly installed as a modular kit solution, for crane girders and indoor cranes - guidefast

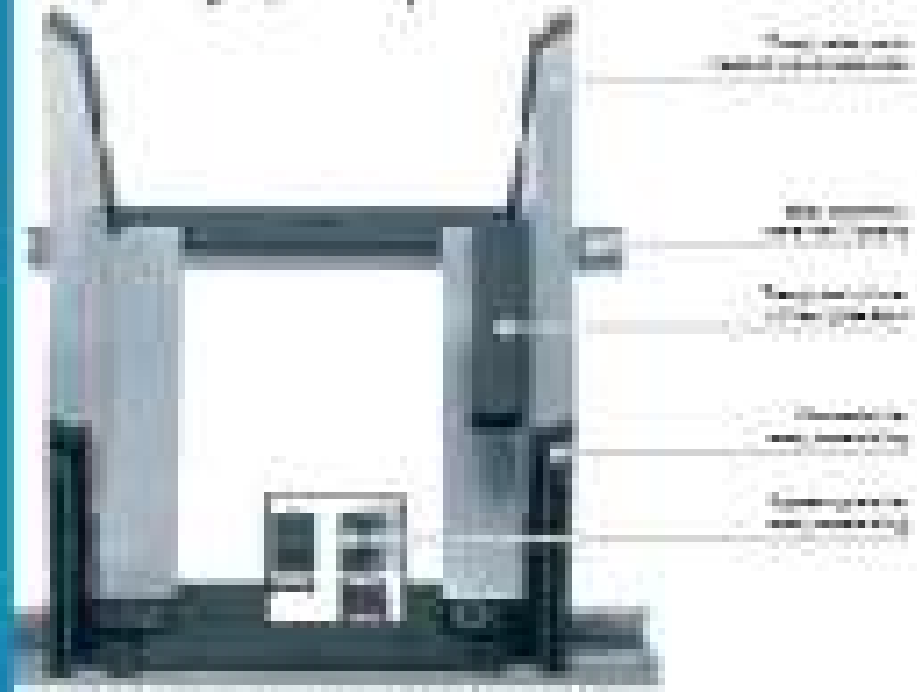




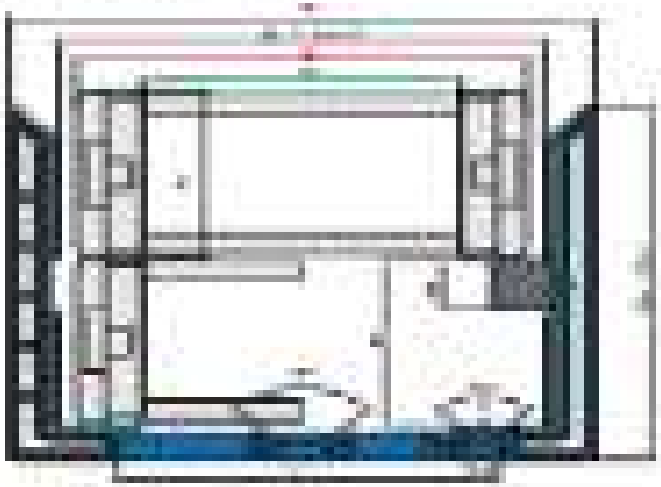


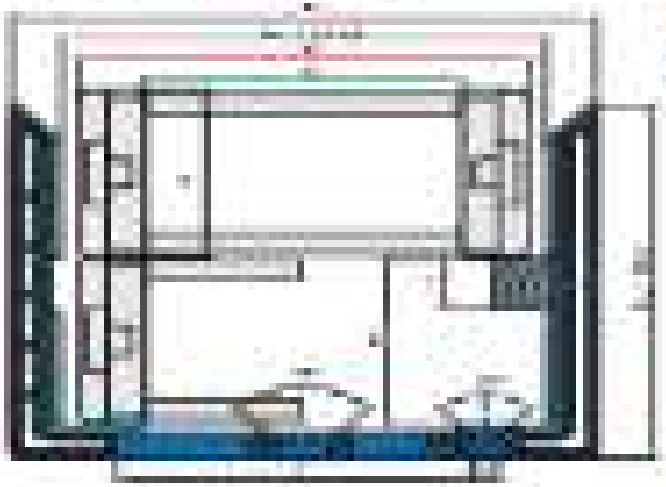
Lets light and dirt through – Tubular trough system RS

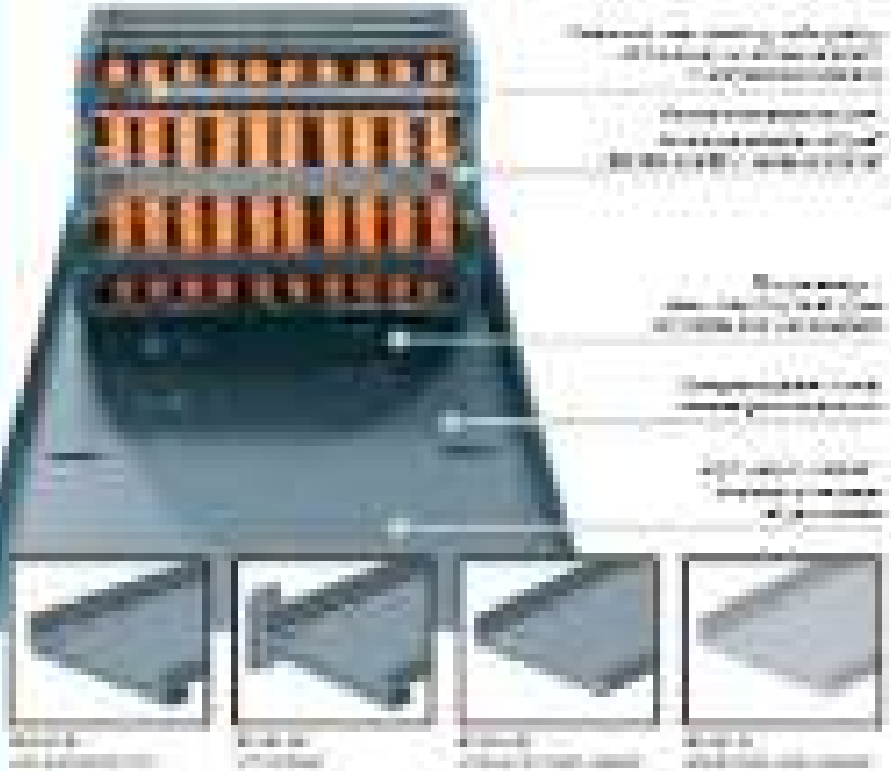




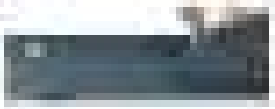
Simple and cost effective – Snap-in trough System SP

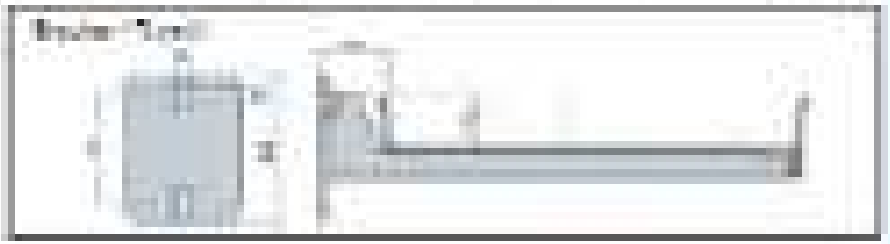


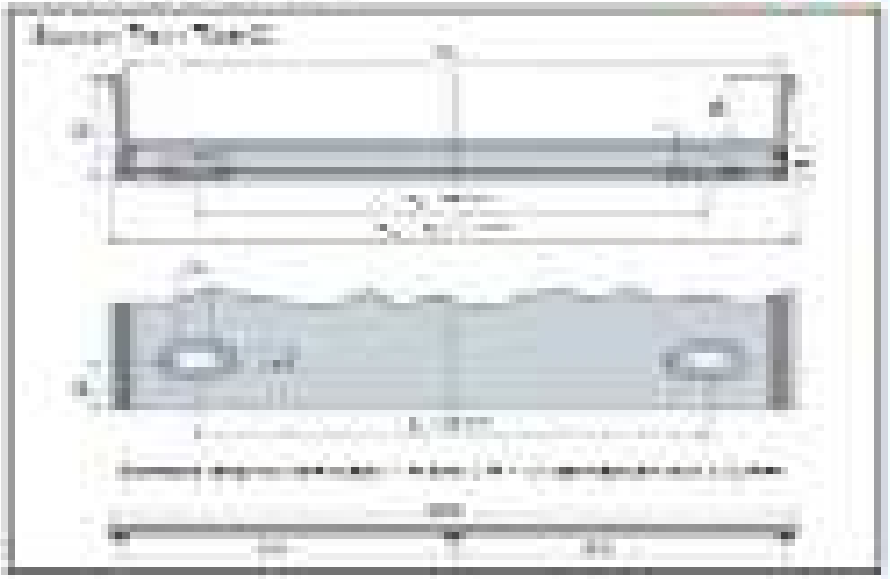


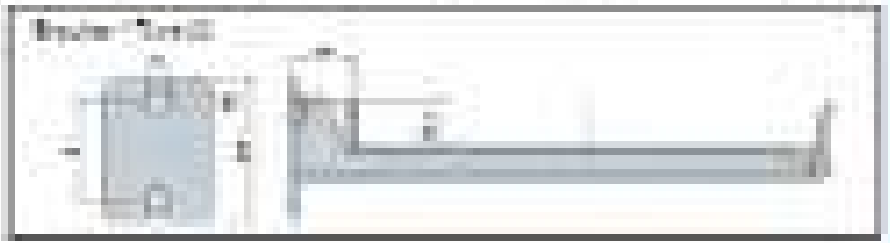


For support of the lower run – Support tray tool kit

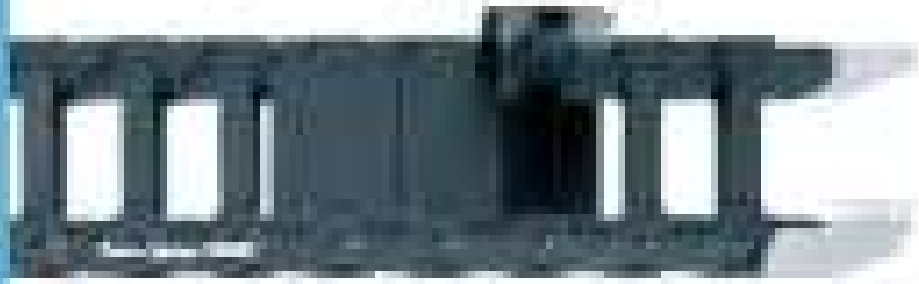


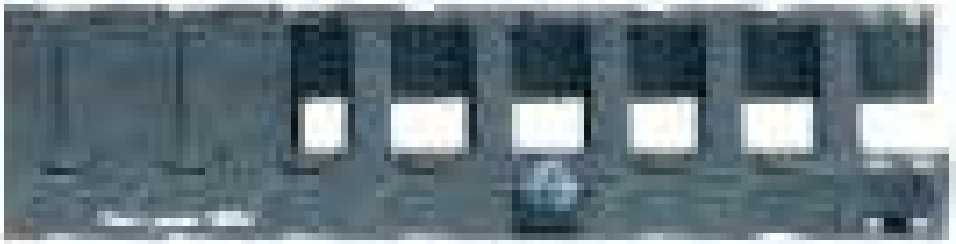


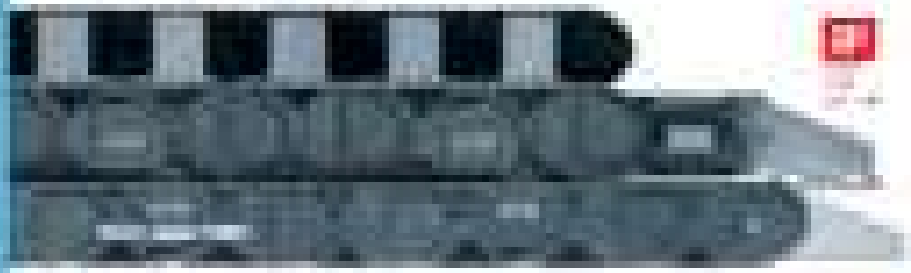




e-chains® for long travels







For exceptionally high additional fill weights on long trailers – E4-NC

Summary

[illegible]	[illegible]
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[illegible]	[illegible]

Governance under the

- [illegible]
- [illegible]

[illegible]	[illegible]
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1.2 Results [illegible]

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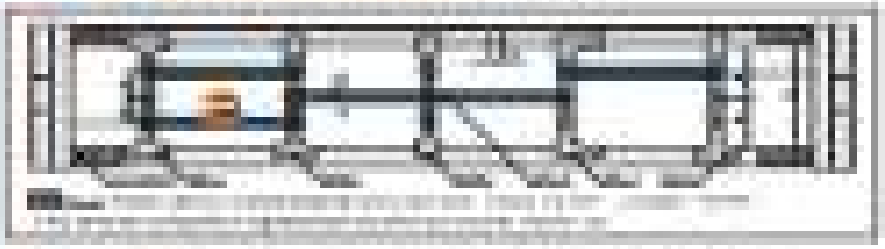
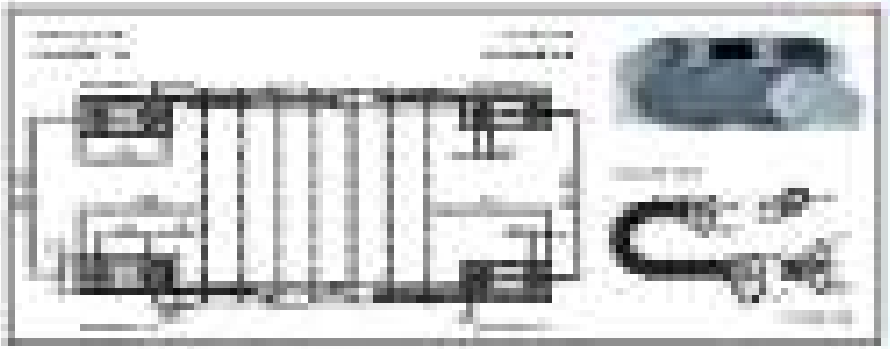
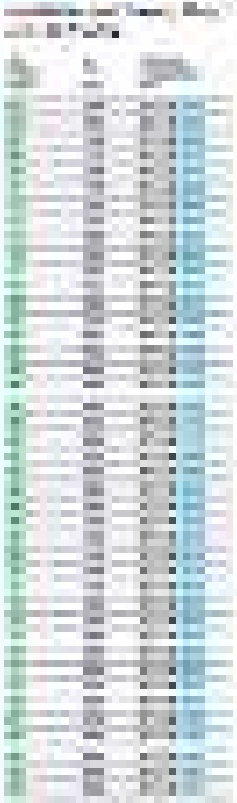
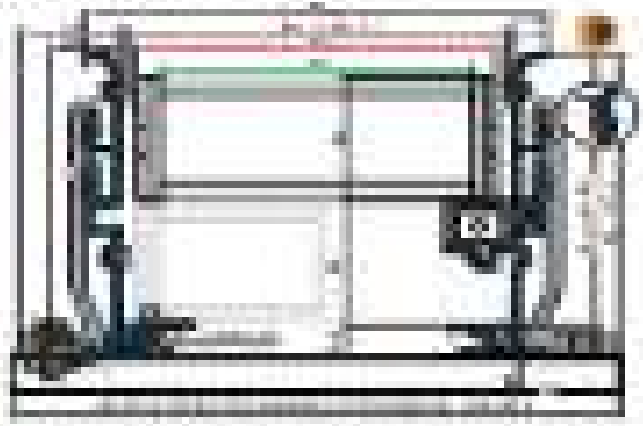
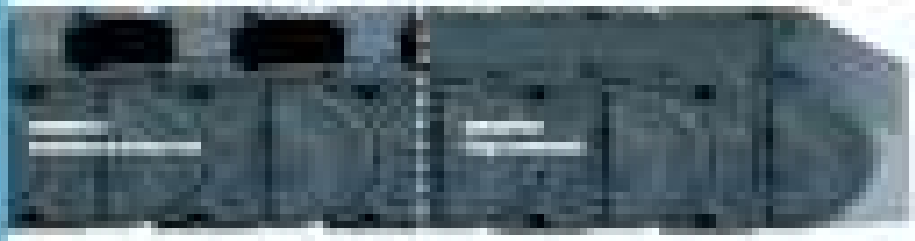
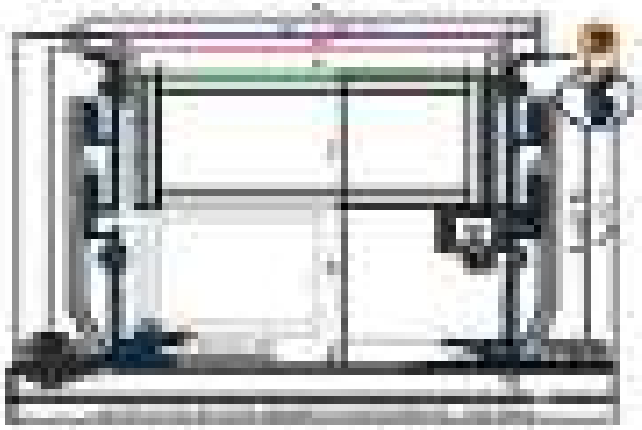




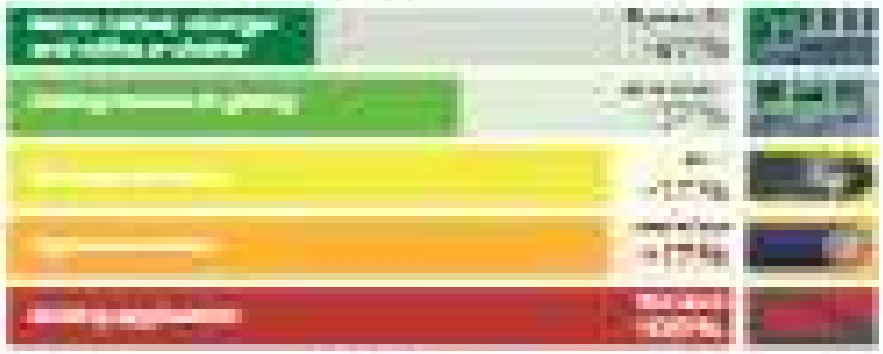


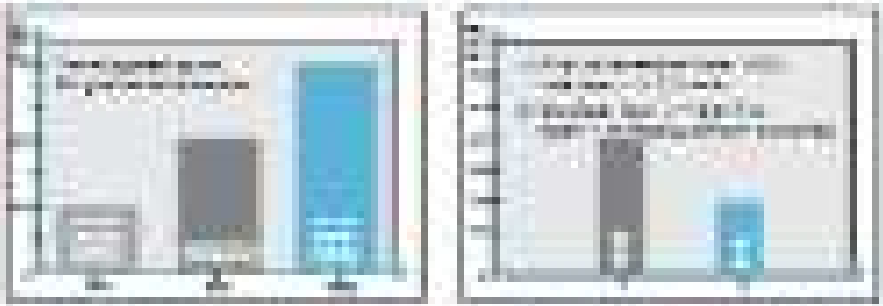


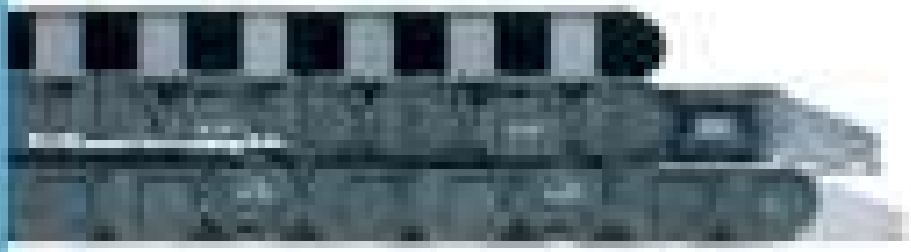


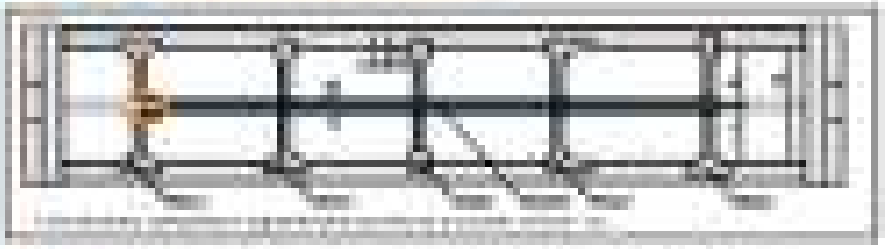


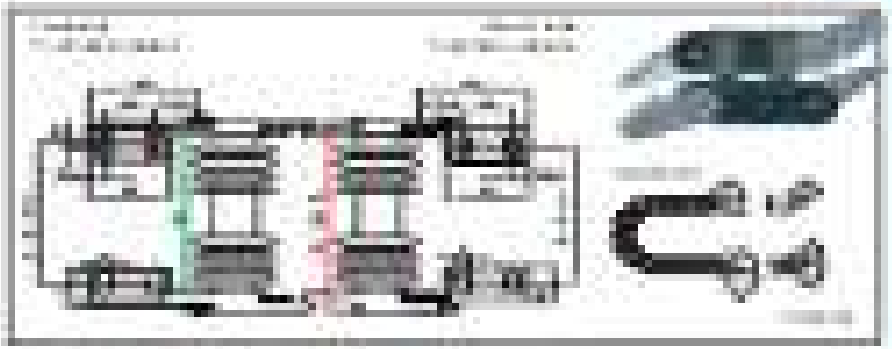
57% less energy consumption - System P4 profile roll-former*

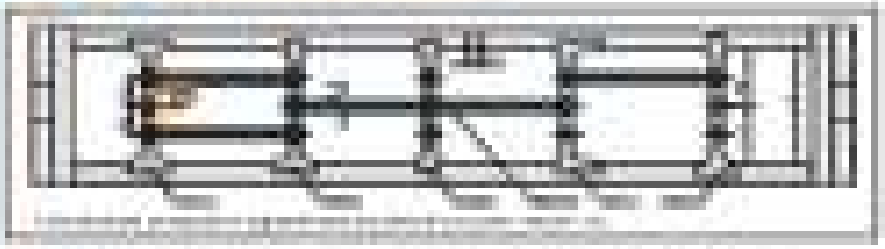


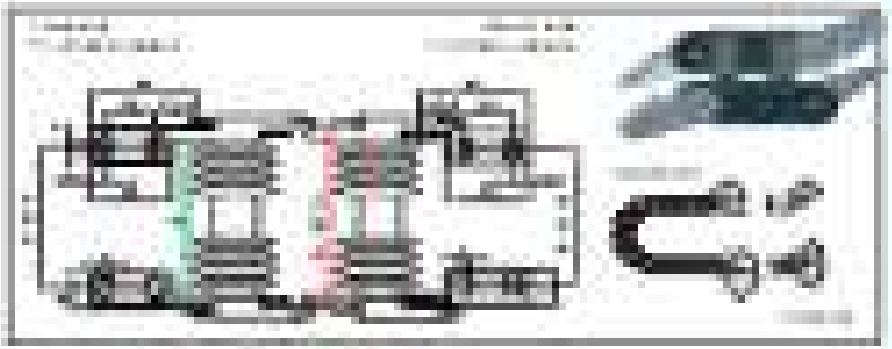


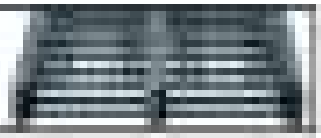


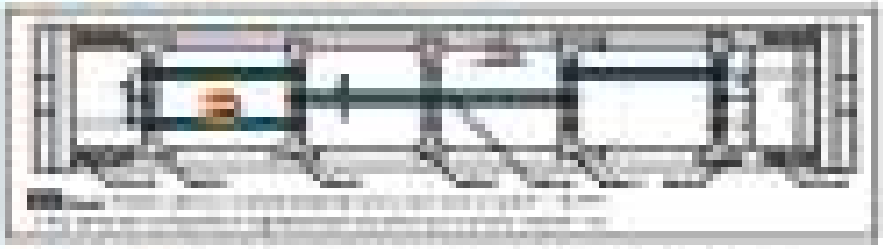


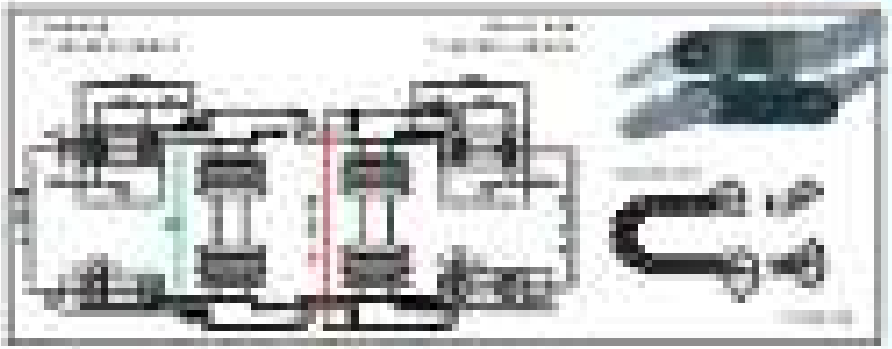


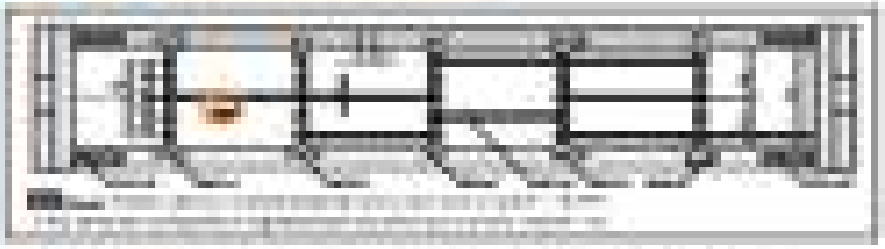


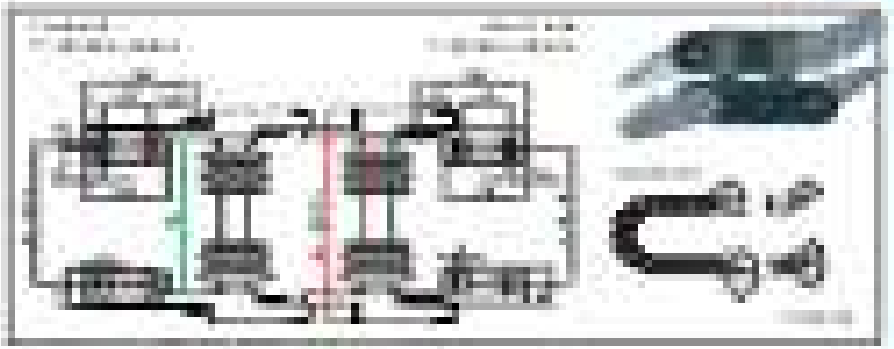


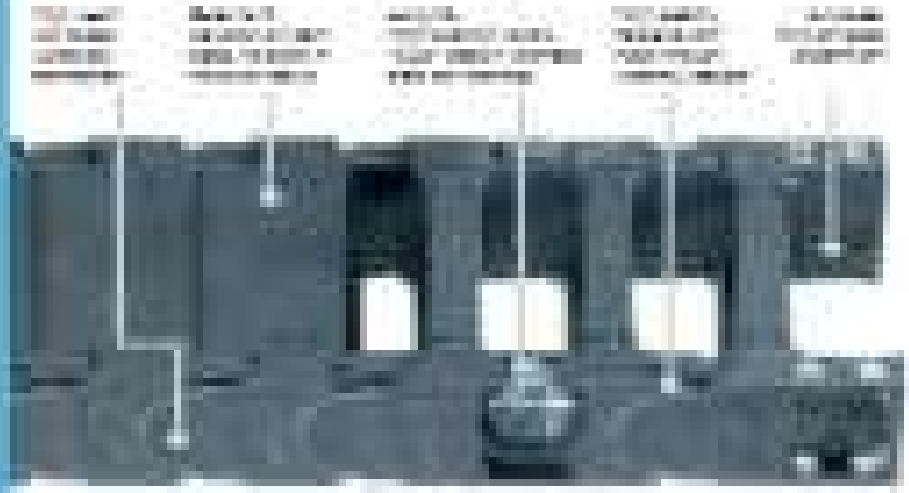




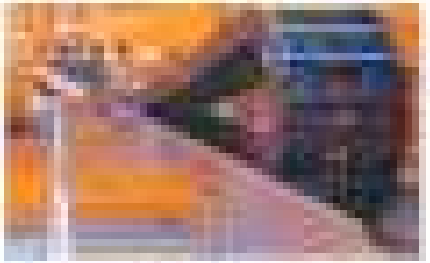


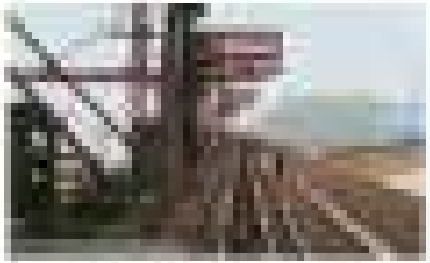


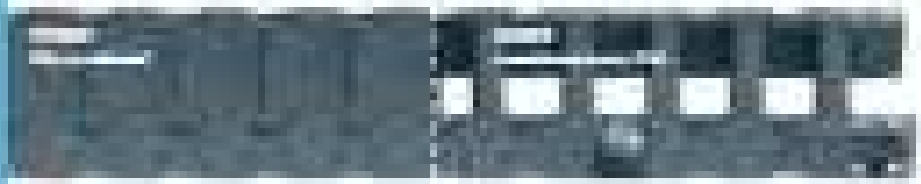


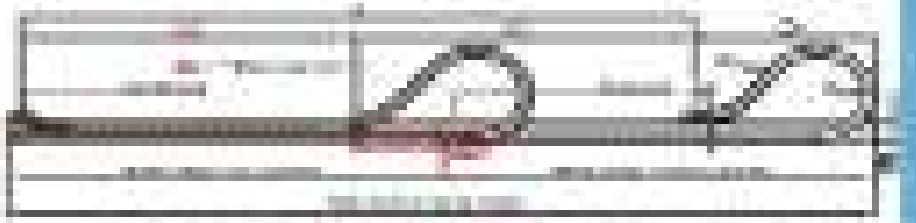


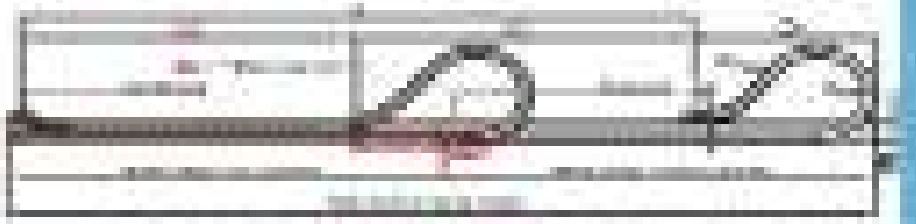
Long travels up to 300 m, rolling instead of gliding – rail-w-chain®

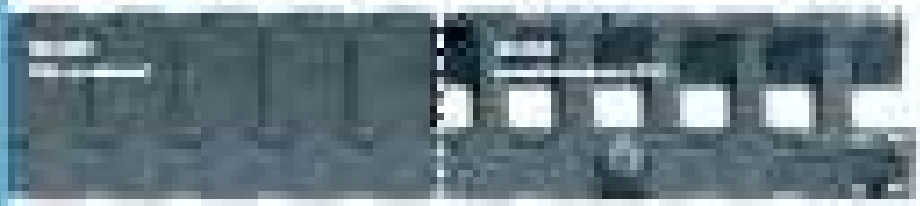


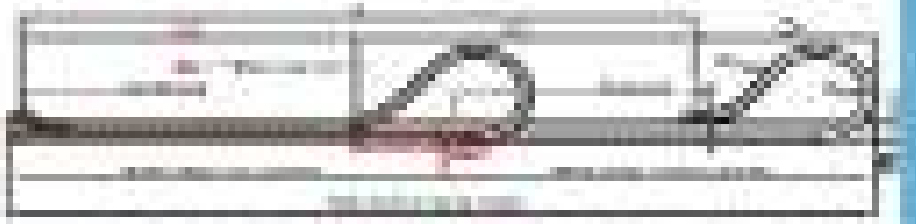


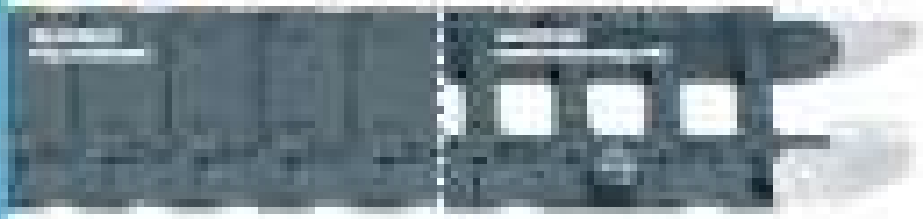


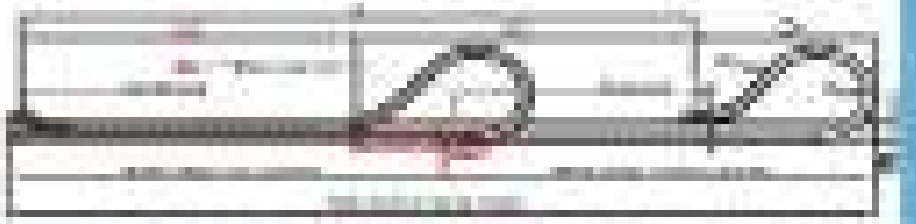


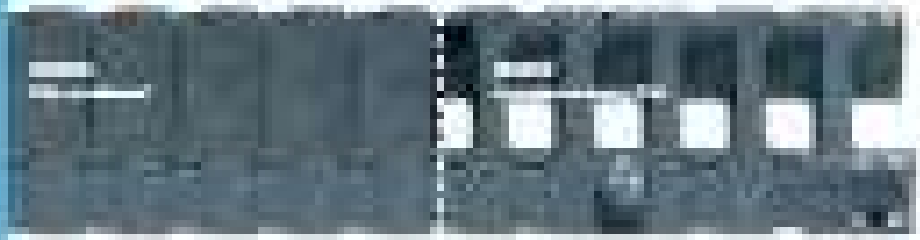


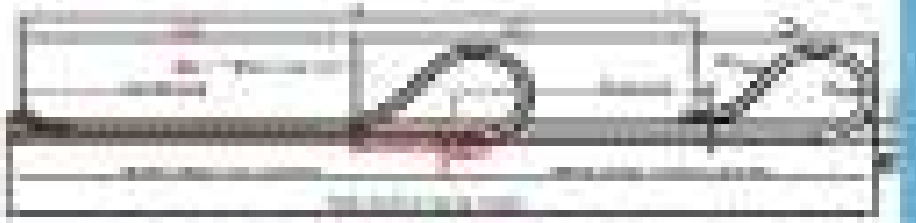


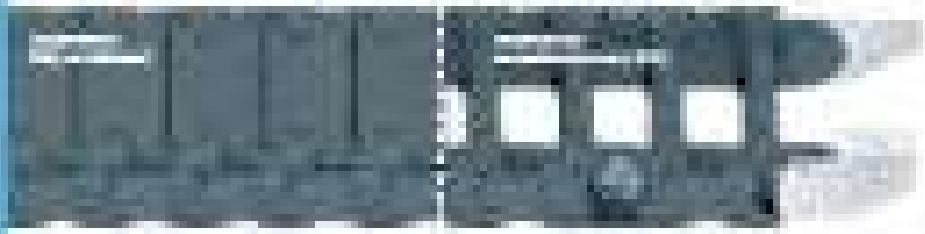


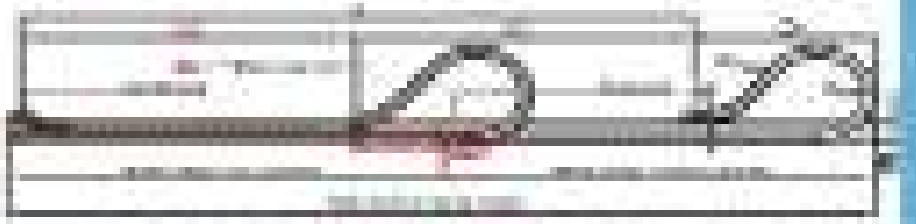


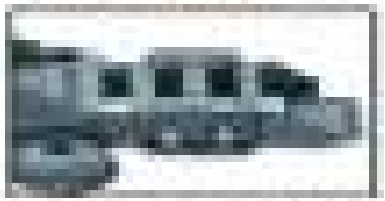






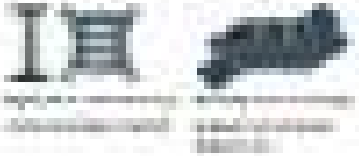




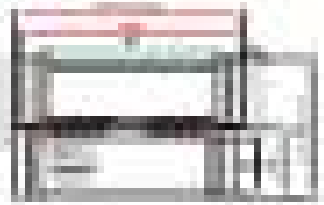


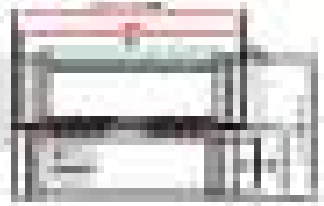
Guide on long travels, self-guiding e-chains® - igus®

Self-guiding w-chisels® for System E41 – autoglide Version 01

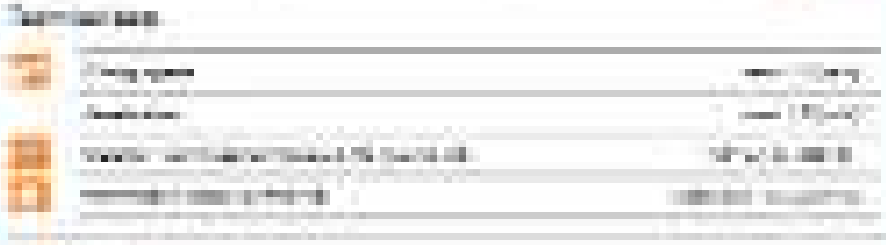


Self-guiding e-chains® for System E2/300 - autoglide Version D2

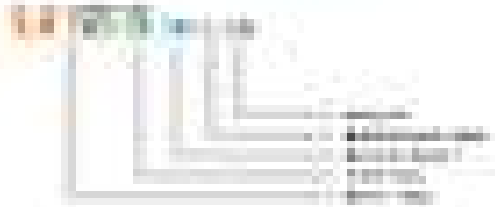


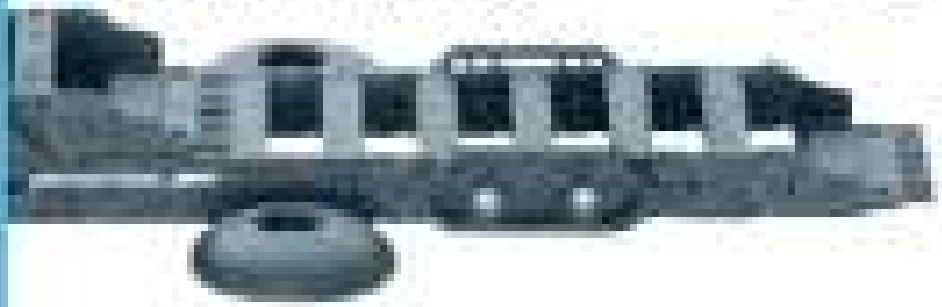


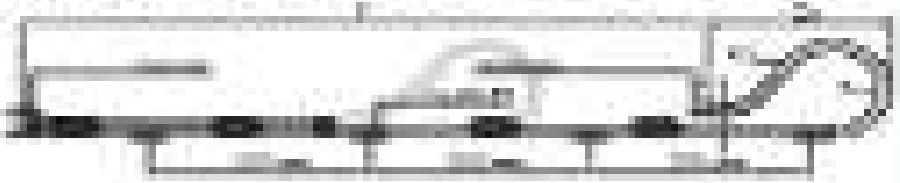
wavy chain® design in outer radius. injection moulded autoglide sprockets in the inner radius - autoglide Version D3



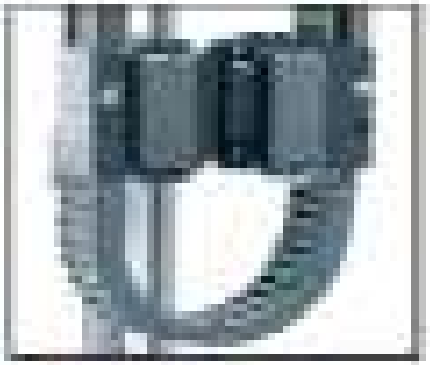
Special glide shoes provide a safe guiding for the E2/000 - Autoglide Version 04



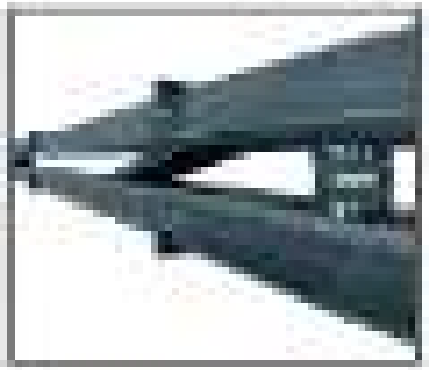




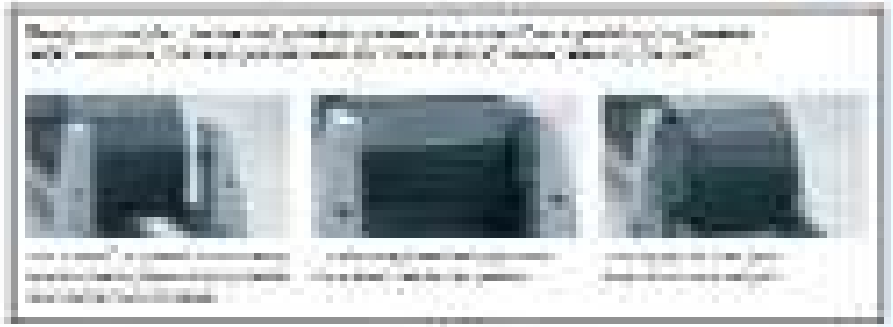
Special solutions for long travels

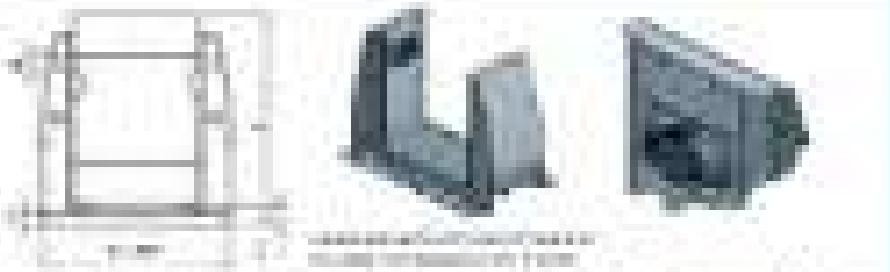


Special solutions | Parking meters

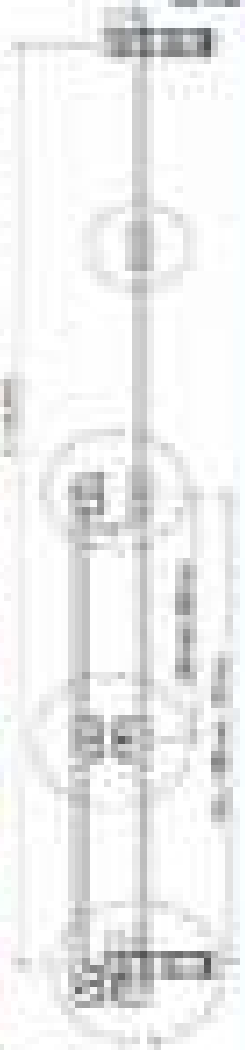


Upper run guide for long travels, self-supporting in ship areas - guidelock horizontal

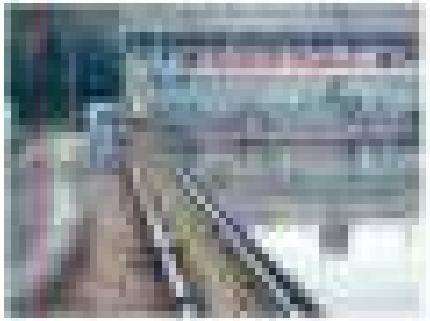


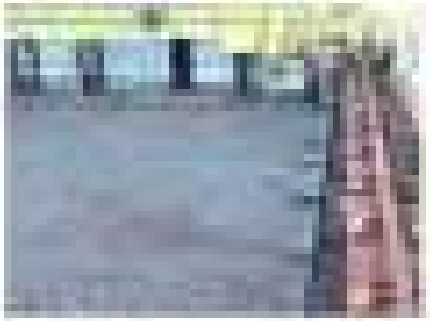


Safe vertical guardrail - guardrail slimline-F

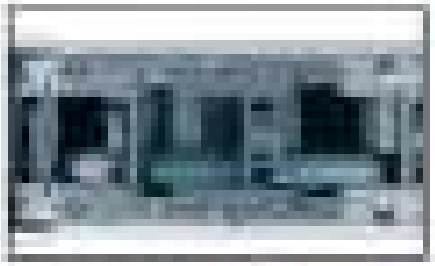


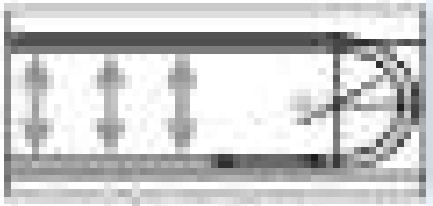
Reliability, function, maintenance-free with substantial cost advantages - Ist flex®

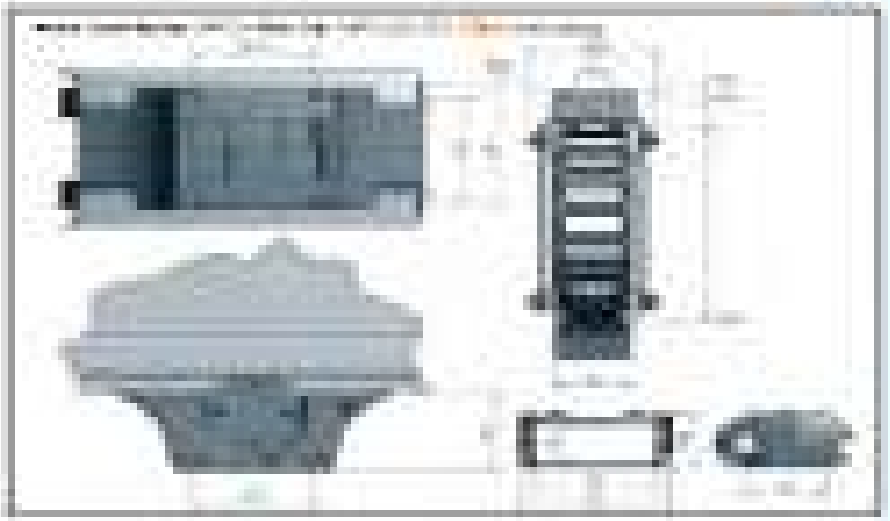


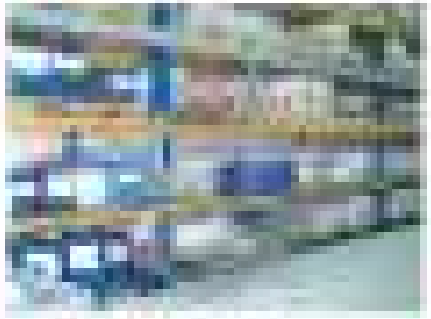


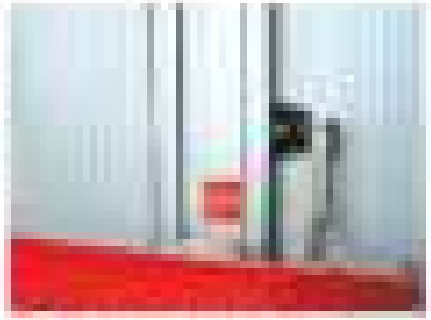
Master long travels with the smallest e-chain® - micro flex®





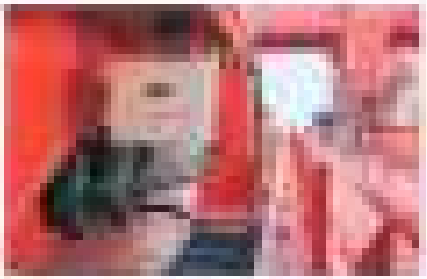


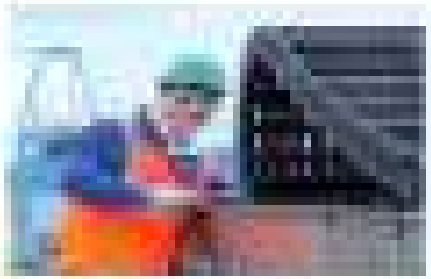


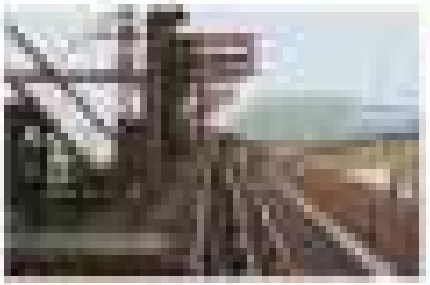


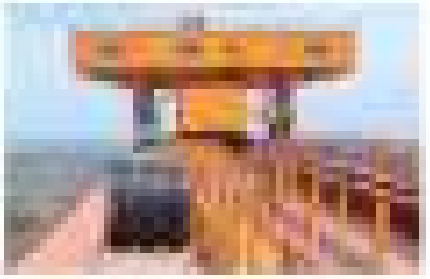
Roof | Applications | Roofing tests

For extremely heavy-duty applications and "special solutions from stock"







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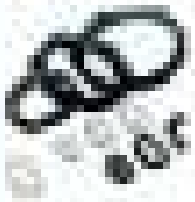

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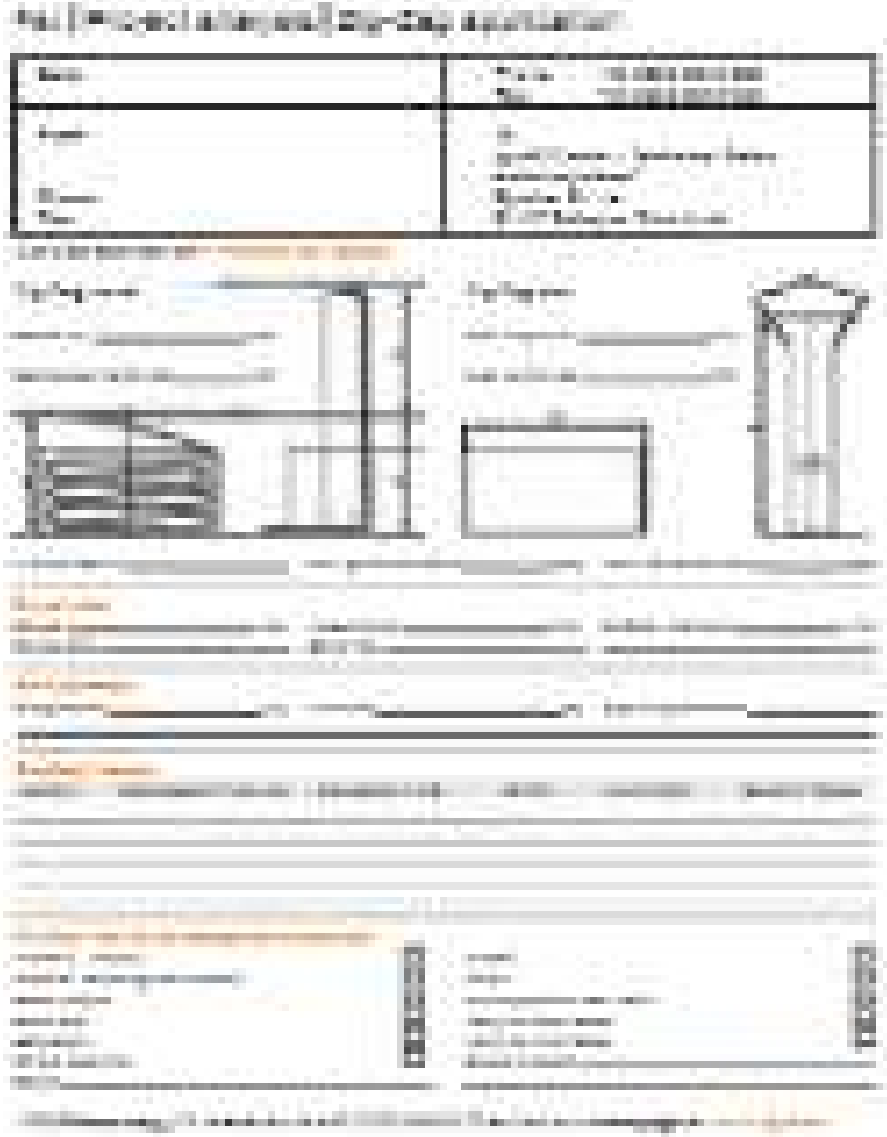

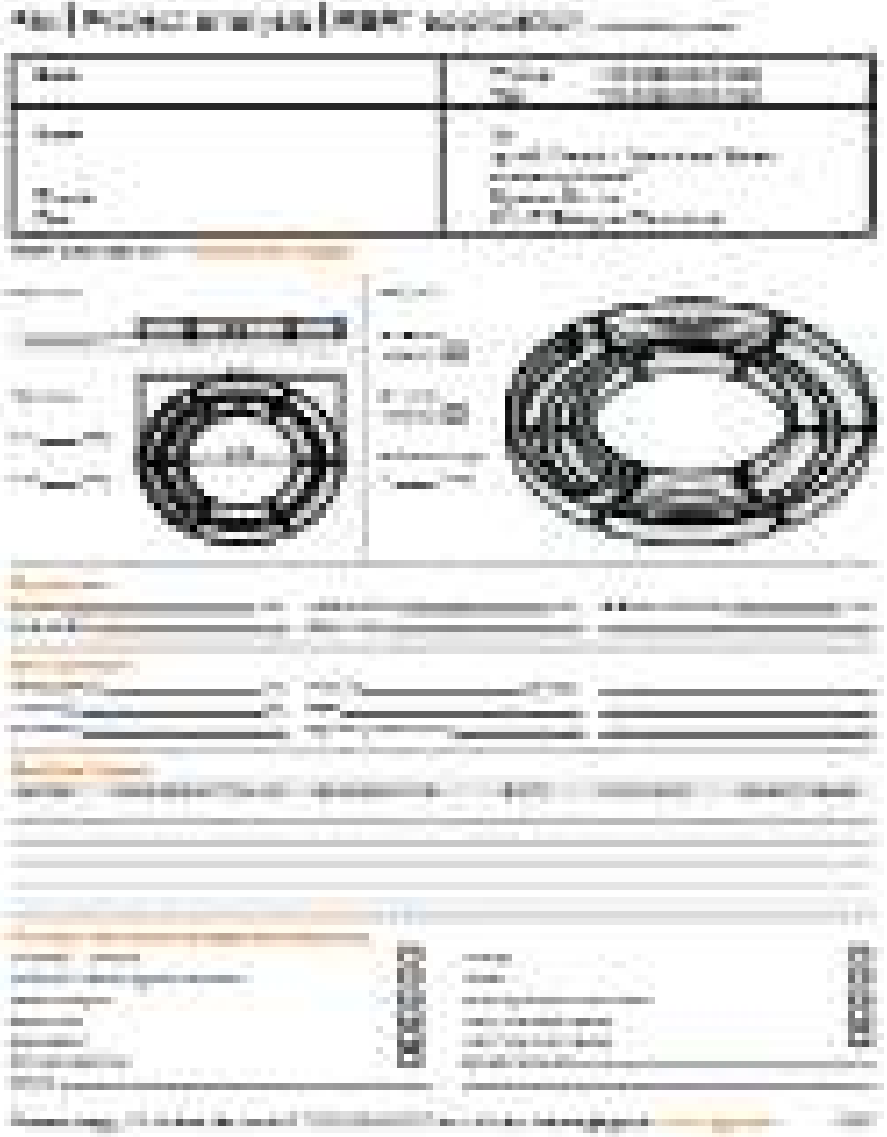

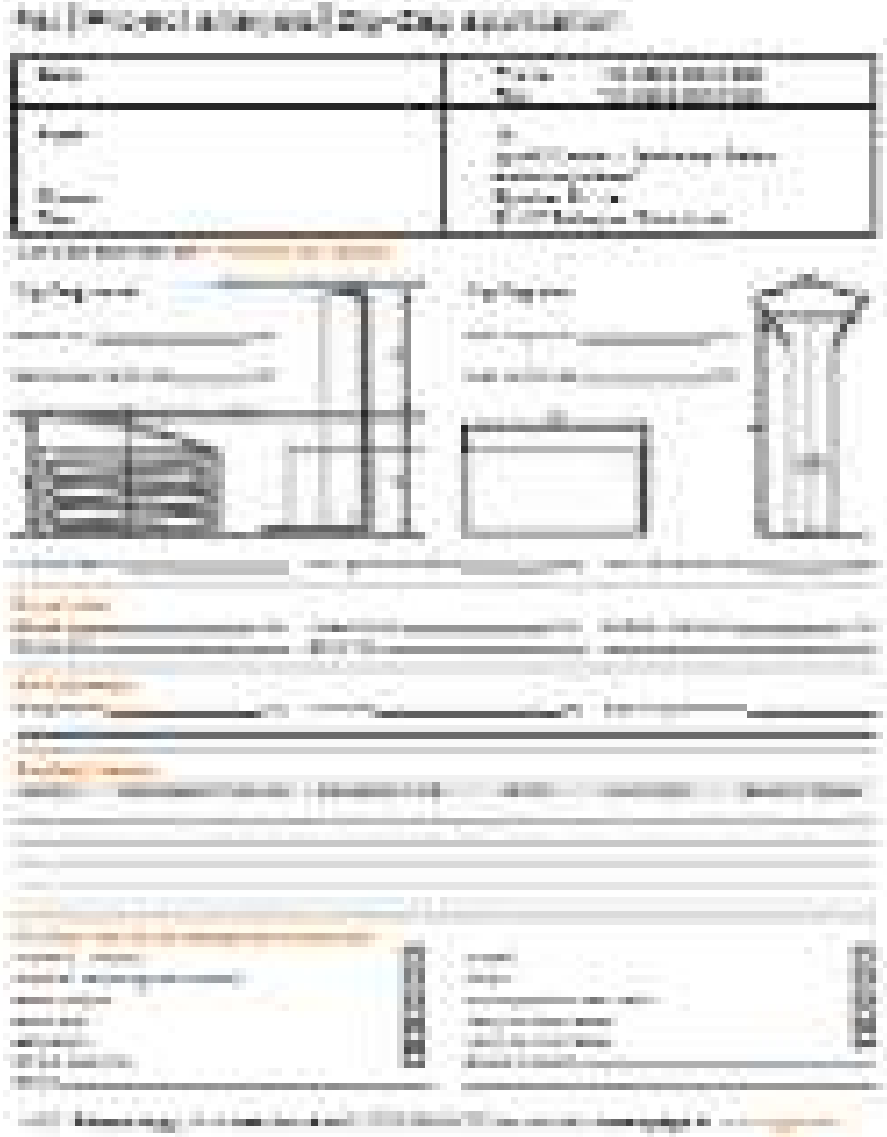

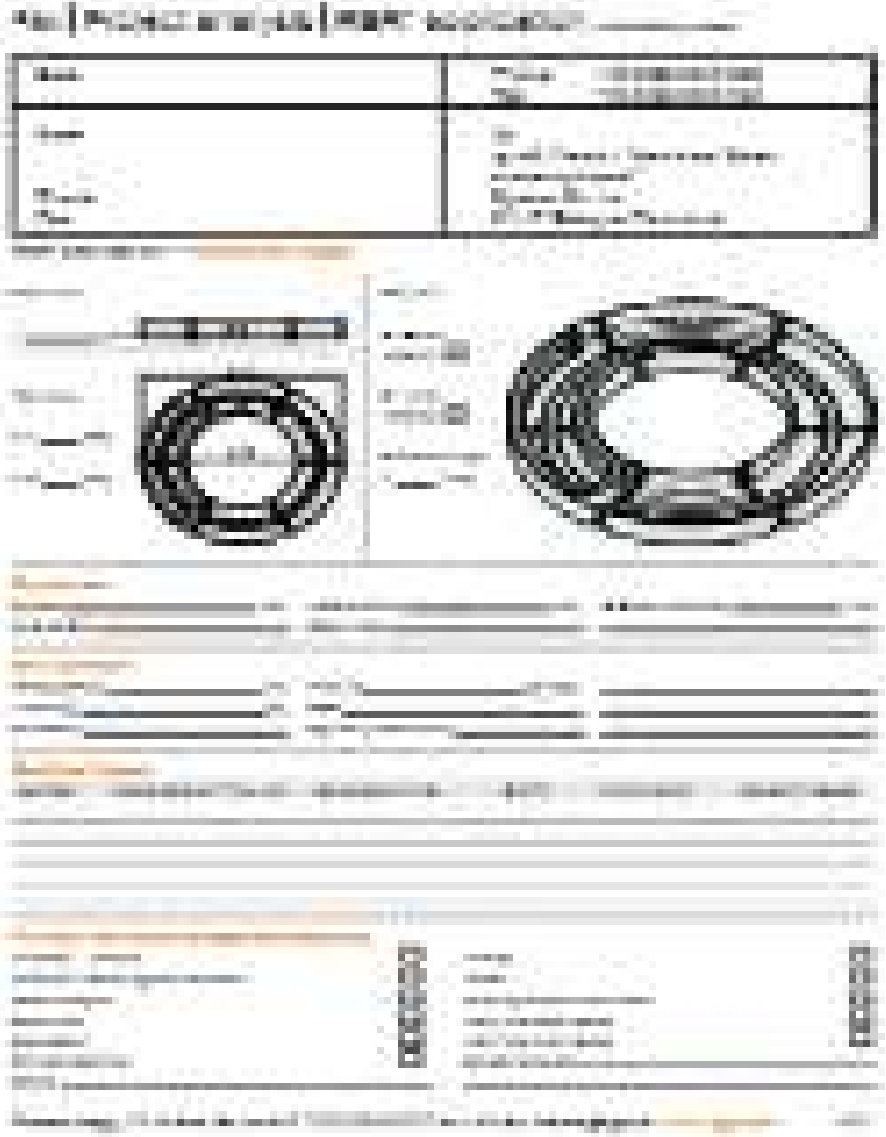

part 1 the terminology trade