

igus® motion plastics®

Guidance of energy, data, fluids and air



Secure energy supply system

igus® e-chainsystems®

- Corrosion: Seawater, oil, and weather resistance
- Travel distance up to 800 m and acceleration up to 600 m/min
- Additional load up to 600 kg/m
- Lighter and less expensive than steel

www.igus.de/e-chains

Cables for motion

igus® chainflex®

- 36 month guarantee or 10 million double strokes*
- 1040 cables available from stock
- Developed for use in e-chains®
- Flexible at low temperatures, UV and oil resistant
- Numerous certificates, including Germanischer Lloyd



www.igus.de/chainflex

Tested at the large igus® laboratory ...

Largest test-lab in our industry with more than 1,750 m² floor area ...

- 4,100 tests for energy supply systems per year
- 7,512 findings added to the electronic database
- More than 650 cable tests per year
- 2 billion test cycles per year

www.igus.de/test

plastics for longer life® ...

Solutions from the world market leader for energy chains® and plain bearings made of high-performance polymers.

- More than 100,000 motion plastics® products
- 36 subsidiaries and 52 distributors worldwide
- More than 200,000 customers worldwide

www.igus.de



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* Up to 5 million double strokes for the very reasonable chainflex® M cables. The amount of the double strokes depend on installation and cable quality. You will find information about this in our current catalogue, in the data sheets and in the service life calculator at www.igus.de/chainflexlife.

igus® the-chain ... Moving energy made easy

igus.eu
plastics for longer life®

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Shore power solutions ...

for container terminals



plastics for longer life® ... igus
flexible
... www.igus.eu/maritime ...

The moving shore power for full flexibility

igus® quayside connections: Different technologies.



igus® re-drum technology

► For maximum flexibility without substructure



igus® rol e-chain® guided in the duct

► For optimum accessibility of the terminal

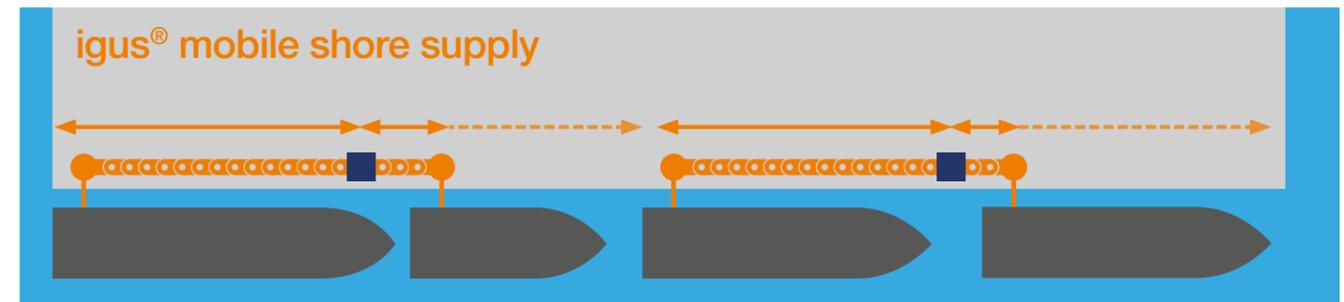
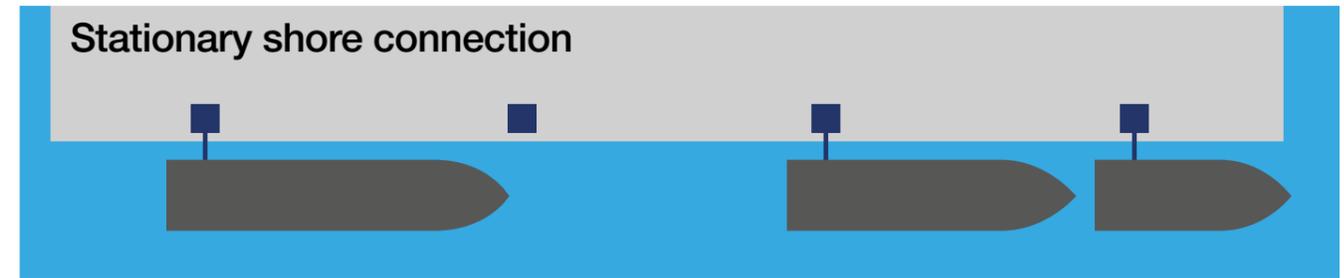


igus® rol e-chain® on stilts construction

► For confined spaces

of your container terminal

Always the perfect match for your application.



- No limitation through stationary shore supply, connect different ship sizes flexibly
- Process-optimised unloading for efficient utilisation
- Proven technology, maximum safety from failure, optimum handling

Advantages of motion plastics® products

- Omission of slip ring
- Lubrication and maintenance free
- Lightweight and robust
- Seawater, oil, corrosion and weather resistance
- Certified and with guarantee

Advantages of igus® systems

- Standard cables instead of expensive special versions
- Combined with other media in one e-chainsystem®
- Specifically and carefully guided with igus® trough system
- Optimised for installation and service
- Perfect fit and ready to connect, complete from a single source



Reliable in use ... igus® projects worldwide

- More than 4,650** RTGs / RMGs cranes
- More than 720** STS cranes
- More than 15,500** spreader applications
- More than 26,000** indoor, gantry, bulk handling-, container, shipyard & special cranes
- More information online: www.igus.eu/cranes

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