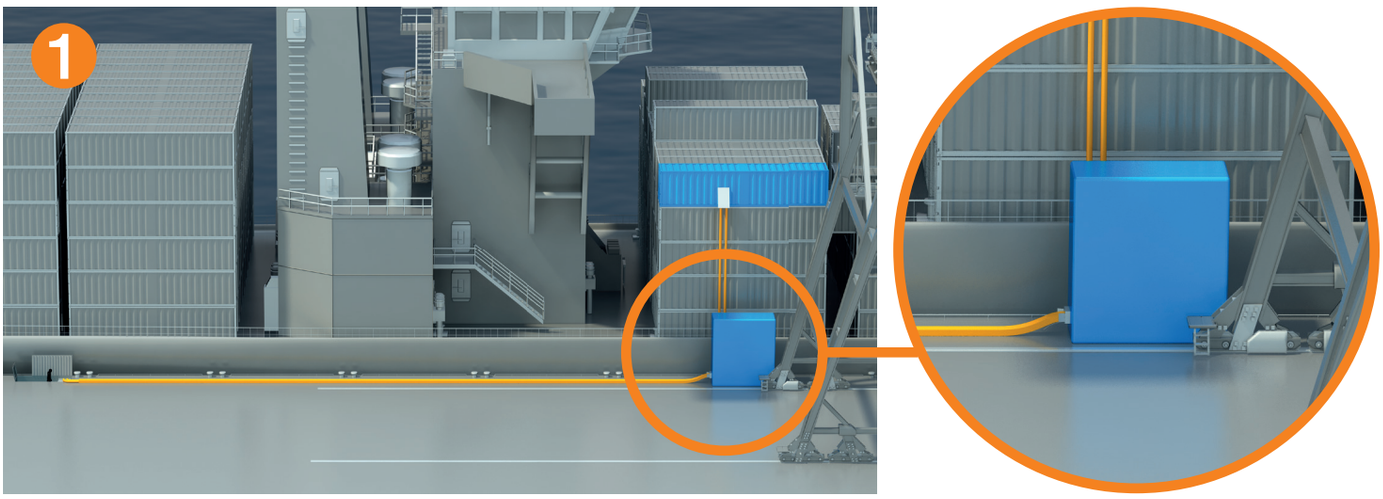
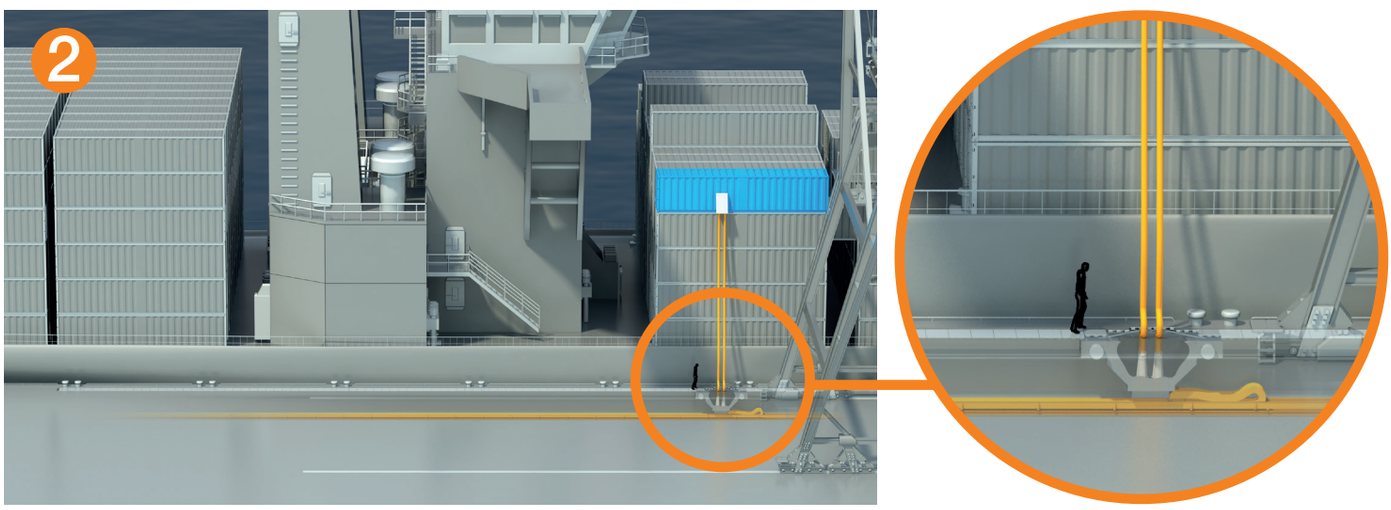
Shore power solutions ...
for container terminals
plastics for longer life®
... flexible ...
... www.igus.eu/maritime ...

The moving shore power for full flexibility

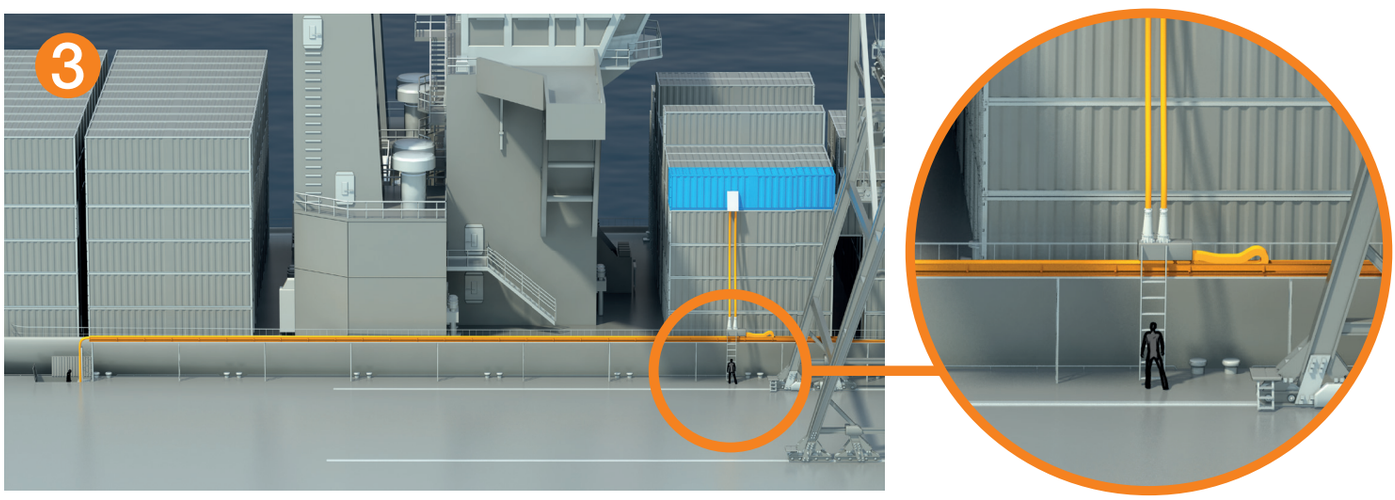
igus® quayside connections: different technologies. Al



igus® re-drum technology
▶ For maximum flexibility without substructure



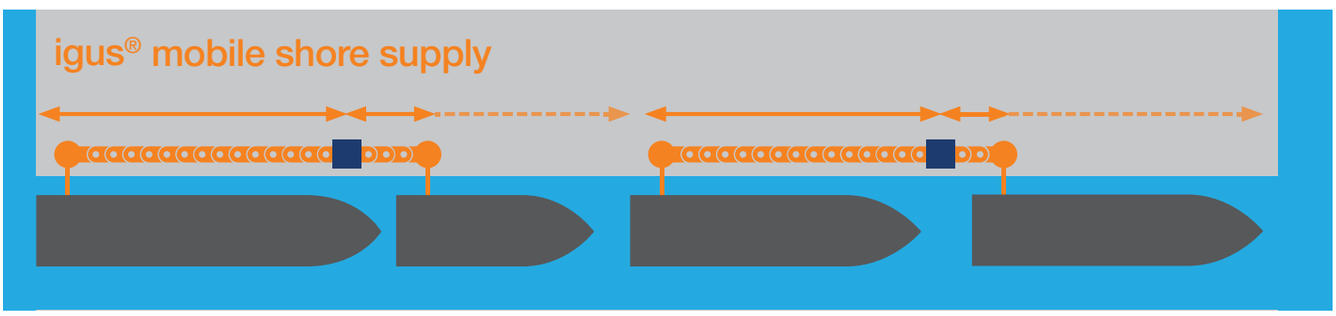
igus® rollers e-chain® guided in the shaft
▶ For optimum accessibility of the terminal



igus® rollers e-chain® on stilts construction
▶For confined spaces

ty 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-chain®
- Specifically and carefully guided in 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 at: www.igus.eu/cranes

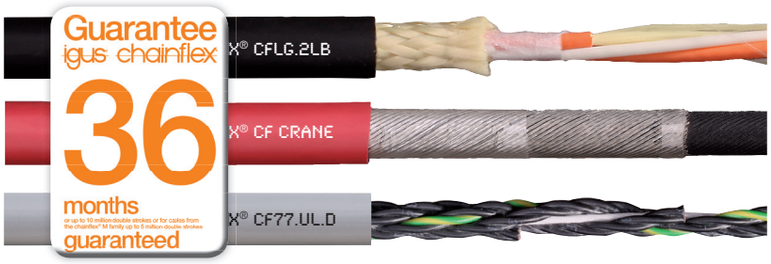
** Issue January 2015

igus® motion plastics®

Guidance of energy, data, fluids and air

Secure energy supply system
igus® e-chainsystem®

- 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
- More information at www.igus.eu/e-chain



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 DNV-GL:
- More information at www.igus.eu/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
- More information at www.igus.eu/testlab

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
- More information at www.igus.eu

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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.eu/chainflexlife.

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

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