



CRANES APPLICATIONS



CABLE CHAIN SYSTEM



DISTRIBUIDOR OFICIAL BREVETTI STENDALTO NO BRASIL





Who we are

In 1968, one idea changed the world of cable chains forever. Brevetti Stendalto was the first company ever to produce a cable chain made of nylon. That product became the...

Why Brevetti Stendalto

BECAUSE OF PRODUCT RANGE AND PERFORMANCE Every year, Brevetti Stendalto invests a big part of the revenues in research, development, and process innovation. New solutions improve product characteristics and

Quality and Certifications

QUALITY SYSTEM Quality is a core principle for Brevetti Stendalto. It implies continuous control and improvement of processes, achieved through specific key performance indicators that enable the company to maximise...

Production process

Several years ago, Brevetti Stendalto chose to differentiate between standard catalogue products, customised products, and engineered project-specific solutions. Hence, the company has been able to maximise the effectiveness of its offer...

Design

In line with Italy's typical manufacturing style, Brevetti Stendalto not only looks for the best performing products, but also cares for beauty in the design. Brevetti Stendalto's original "Yellow Pin" is...



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319ZE/329SU/60PU/80PU

Nylon cable chain with opening cross frames

The Brevetti Stendalto cable chains in nylon are developed with a special polyamide reinforced with glass fibre, BRYLON 6. The high resistance to tension, the low coefficient of friction together with the general characteristics of the most evolved compound thermoplastics, allow the cable chains to be used in all environments and temperatures. The main characteristics of BRYLON 6 are:

UV Rays

Brylon 6 is resistant to UV rays and it's therefore suitable for external applications.

Chemical Resistance

Brylon 6 is generally resistant to oils, grease, petrol, ammonia and water. (sea water)

Self-Extinguishing

Brylon 6 has the certificate UL94HB

Working Temperature

Made of polymers can be used in application with a temperature range between -30° +125 °C

Ex-Proof

Cable chains complying with ATEX Directive 94/9/CE.

Clean room-proof

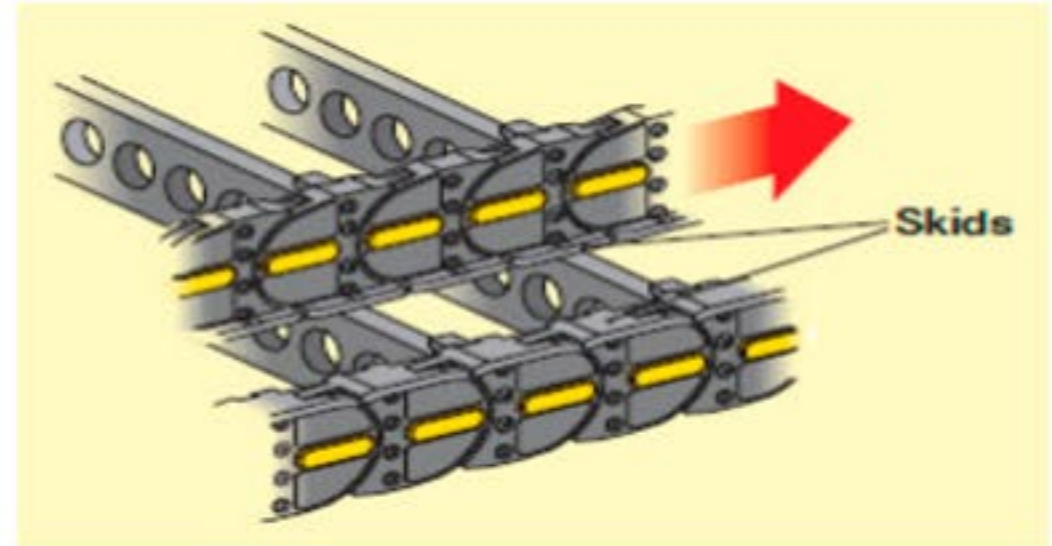
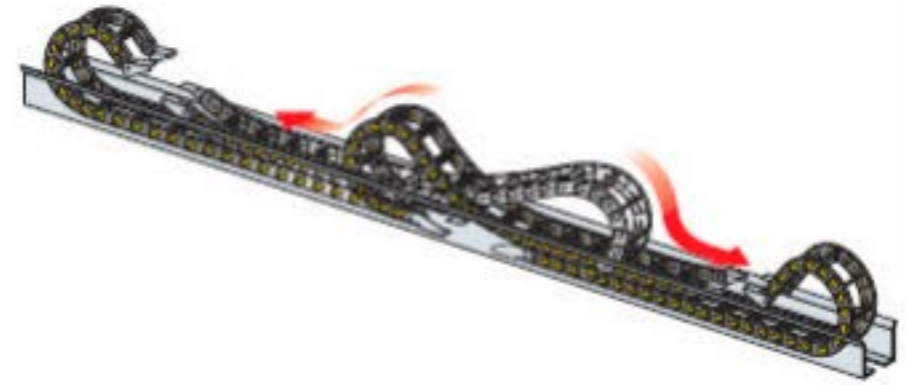
The standard version of the cable chain 305A009 has been tested and proved to be Class 1.



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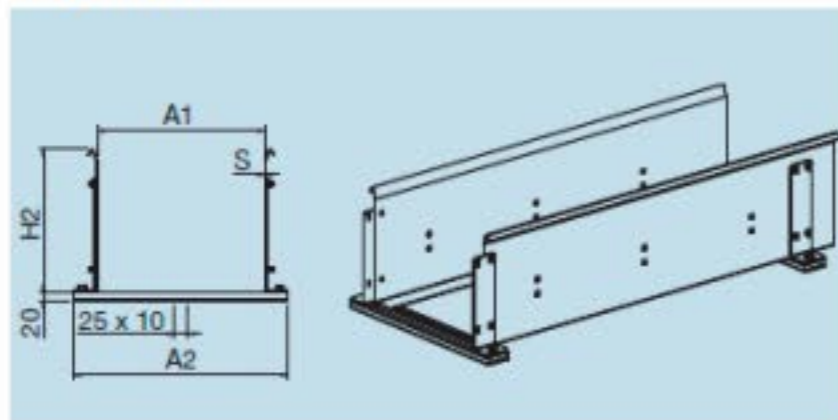
Long Horizontal Travel Distance



Guide Channel

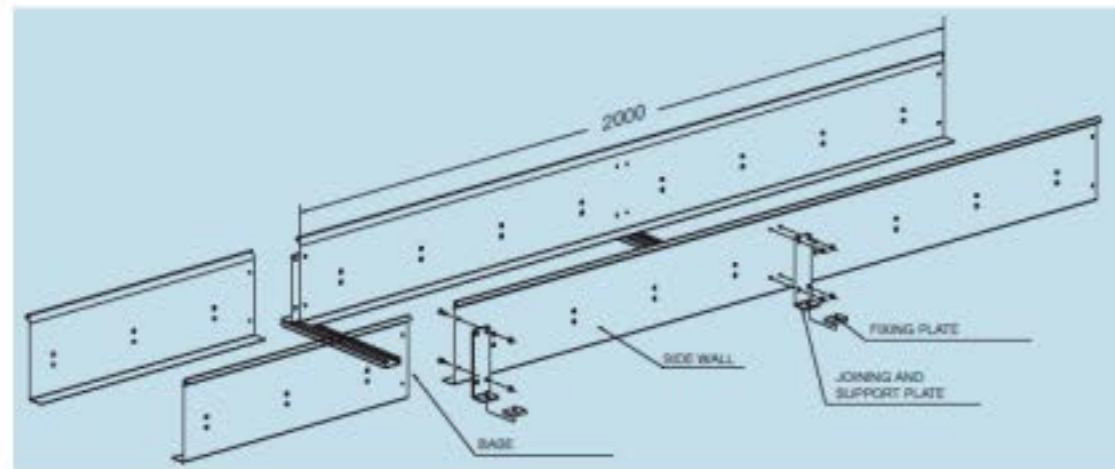
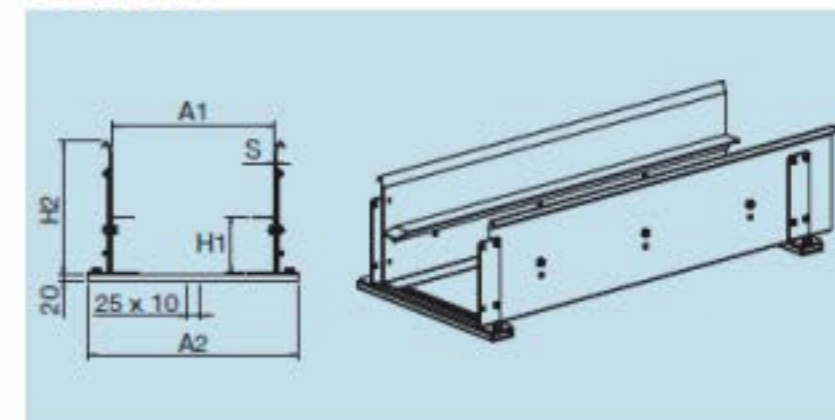
Empty Guide Section

Section A-A

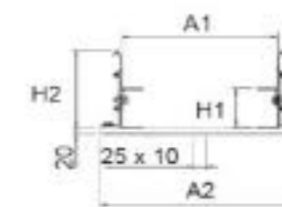


Guide with Steel Sliding Plate

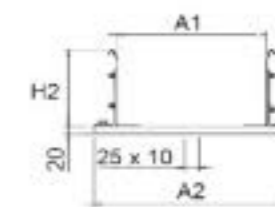
Section B-B



Sezione B-B



Sezione A-A

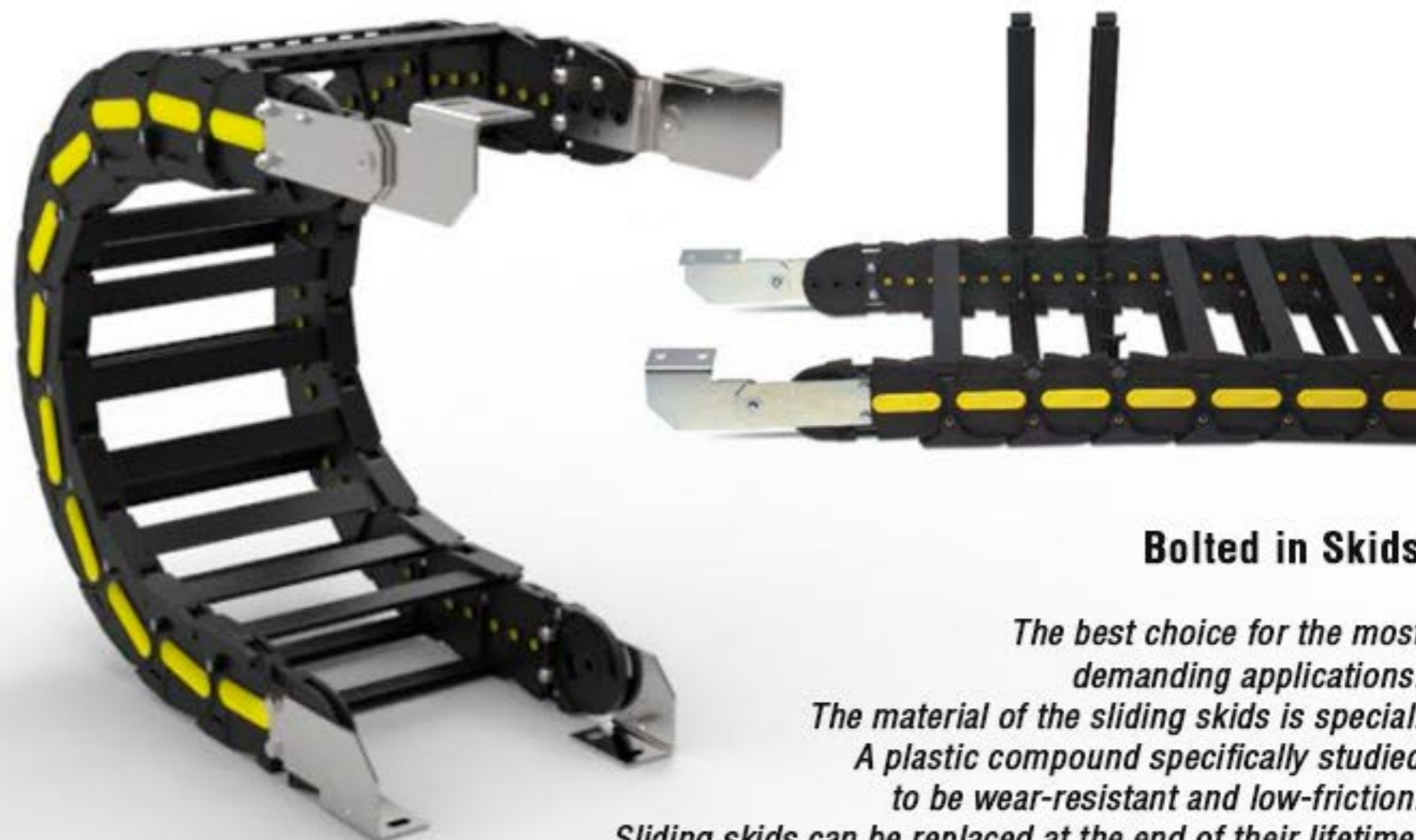
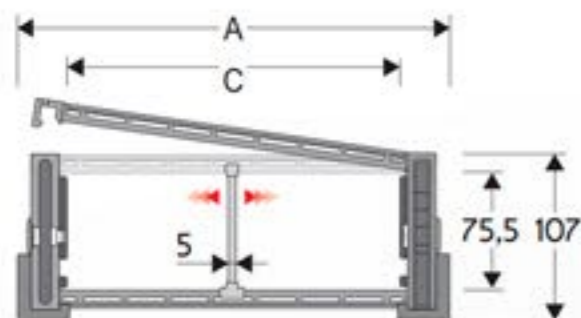


319ZE

Nylon Sliding Cable Chain with opening frames

Inner height (D) 75,5 mm

Strong double share Sideband & Frame construction with large anti-friction triple pin. The chain features screwed-on interchangeable sliding skids to offer durability even with high speed and loads. Frames open from outer radius.



Bolted in Skids

The best choice for the most demanding applications.

The material of the sliding skids is special. A plastic compound specifically studied to be wear-resistant and low-friction.

Sliding skids can be replaced at the end of their lifetime without changing the whole chain. Stainless steel bolts.

Technical characteristics

Speed	6m/s
Acceleration	20m/s ²



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3295U

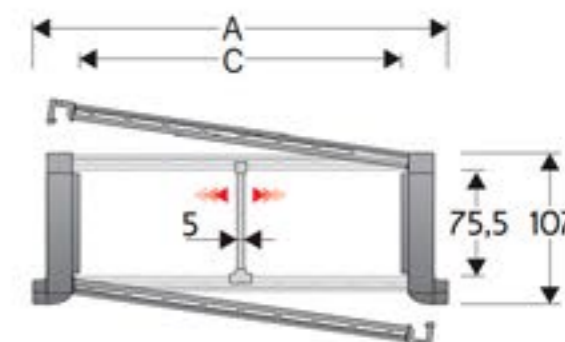
Nylon Sliding Cable Chain with opening frames

Inner height (D) 75,5 mm

Strong double share Sideband & Frame construction with large anti-friction triple-pin. The chain incorporates large sliding-skid surfaces to offer durability, even with high speed/loads. Frames are opening from inner radius or outer radius. Vertical separators are available.

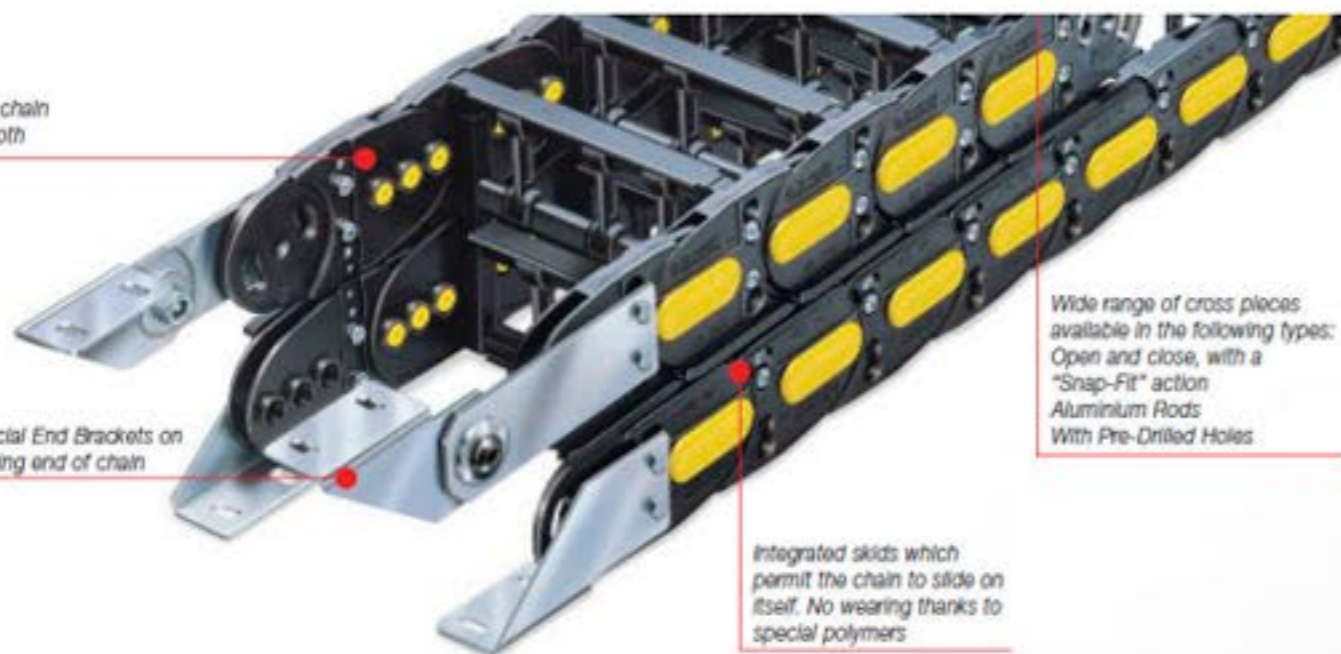
Technical characteristics

Speed 3m/s
Acceleration 13m/s²



Inner surface of chain completely smooth

Special End Brackets on moving end of chain



Wide range of cross pieces available in the following types:
Open and close, with a "Snap-Fit" action
Aluminium Rods
With Pre-Drilled Holes

Integrated skids which permit the chain to slide on itself. No wearing thanks to special polymers



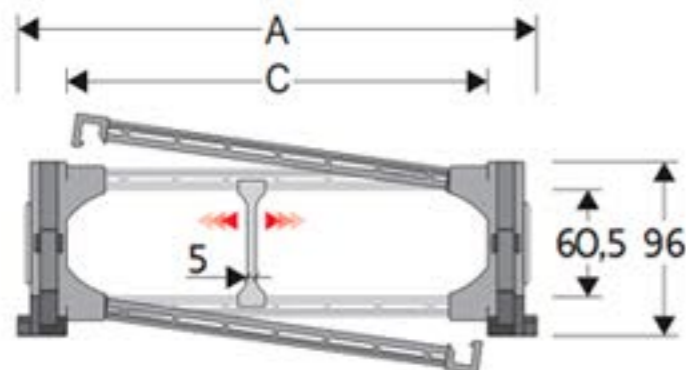
60PU - Nylon Sliding Cable Chain with opening frames

Chain designed for heavy-duty applications such as STS and AMG Cranes, Stackers, Reclaimers.

Inner height (D) 60,5 mm

Sideband & Frame construction with large anti-friction single-pin.

Frames opening from inner and outer radius. As standard the chain comes with frames every second link, on request with frames every link. Vertical separators are available.



Dimensions

(C) Inner width from 115 mm to 539 mm
(Radius) 200 - 250 - 300 - 400 mm

Screwed-on pins

The inner and outer pins are bolted to provide the strongest and most reliable connection for links, and easy maintenance at the same time. Stainless steel bolts.



Benefits

Screwed-on double-guided sliding skids for heavy-duty applications. Low-friction sliding skids designed for a long-lasting performance. Solid link design and male-female interconnection for reduced torsional stress. Screwed-on bolts. Frames opening at inner and outer-radius sides. Cable-friendly edge-free design of nylon frames. Steel end brackets easy and quick to install.

Technical characteristics

Speed	7m/s
Acceleration	20m/s ²



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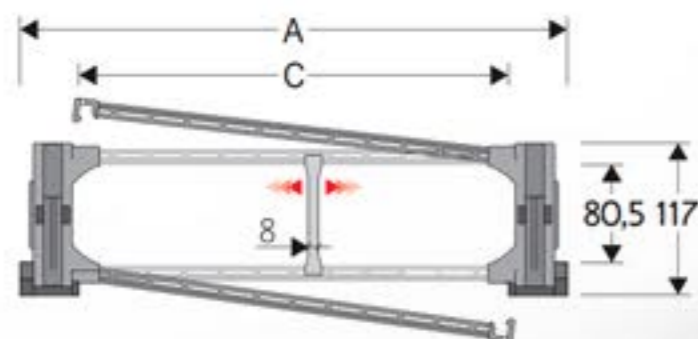
80PU - Nylon Sliding Cable Chain with opening frames

Chain designed for *heavy-duty* applications such as *ATG* and *ASC* Cranes

Technical characteristics	
Speed	7m/s
Acceleration	20m/s ²

Inner height (D) 80,5 mm

Strong double share Sideband & Frame construction with large anti-friction single pin. The chain features screwed-on interchangeable sliding skids to offer durability even with high speed and loads. Frames opening from inner and outer radius. Separation systems are available



Dimensions

(C) Inner width from 115 mm to 539 mm
(Radius) 200 to 700 mm



Screwed-on double-guided sliding skids for heavy-duty applications. Low-friction sliding skids designed for a long-lasting performance. Solid link design and male-female interconnection for reduced torsional stress. Screwed-on bolts. Frames opening at inner and outer-radius sides. Cable-friendly edge-free design of nylon frames. Steel end brackets easy and quick to install.



Screwed-on sliding skids

The best choice for very heavy-duty applications. The material of the sliding skids is special. A plastic compound specifically studied to be wear-resistant and low-friction. Sliding skids can be replaced at the end of their lifetime without changing the whole chain. Stainless steel bolts.



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Konecranes RTG



fully enclosed chain system



Customer: Konecranes – KCI

Application: Rubber-Tyred Gantry Crane

Travel distance: 26m

Chain: SR319 with special drilled frame TOTALCHAIN®

No. of applications: more than 400 all over the world

Crane Applications / Ports

Brevetti Stendalto SpA

Customer: MAN Takraf / ABB
Location: Port of Odense - Denmark
Application: goliath crane



Travel distance: 205 m
Chain: SR329 with trolley system
and special 6-axes towing arm TOTALCHAIN®



Odense Shipyard Goliath Crane

No. of applications: 6

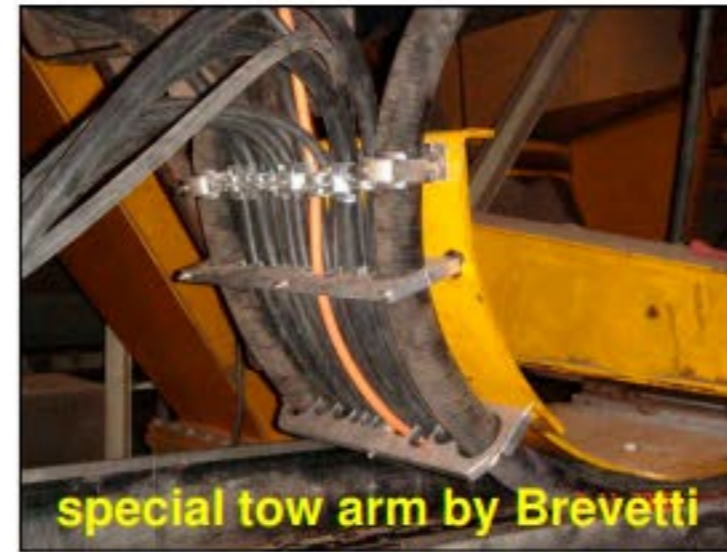


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Crane Applications / Ports

Brevetti Stendalto SpA



SCT Edmonton Compost Plant

Customer: Sorain Cecchini Tecno
Application: biomass mixing crane 1200 t/day
Travel distance: 180 m longitudinal / 35 m transversal
Chain: SR329BX/TMO TOTALCHAIN®
No. of applications: 4
Environment: dusty and corrosive

Crane Applications / Ports

Brevetti Stendalto SpA

Konecranes ASC



Customer: Konecranes – KCI

Location: Virginia (USA)

Barcelona (ES)

Application: Automatic Stacking Cranes

Chain: M80 TOTALCHAIN®

Travel distance: 25m

No. of applications: 66



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Crane Applications / Ports

Brevetti Stendalto SpA

Fantuzzi Reggiane STS



Customer: Reggiane Cranes & Plants

Location: Port of Naples – Italy

Application: ship-to-shore crane

Travel distance: 101 m

Chain: M80 TOTALCHAIN®



Speed: 3 m/s

Acceleration: 5 m/s²

No. of applications: 4



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Crane Applications / Ports

Brevetti Stendalto SpA

Brindisi unloader



Customer: Techint SpA / Enelpower
Application: unloader 1800 t/h
Travel distance: 400 m
Chain: M80 with cover guide channel
No. of applications: 2



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Complete Solution

Brevetti Stendalto SpA



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