

PACKAGING INDUSTRY





A global partner with a specific know-how that translates into productivity and reliability.

The **Megadyne Group**, founded almost 60 years ago, is a global organization specialised in the development and production of a variety of systems: from power transmission belt to conveyor belting, from linear positioning to material handling systems.

Megadyne has a worldwide presence, with production and distribution centers in Europe, The Americas, Africa, Asia and Middle East. We can offer local recommendations, tailored to your individual requirements. This ensures bespoke solutions, delivered in a timely manner.

With many years' experience in the Packaging Industry, supported by constant research & development, Megadyne offers a wide range and depth of products. These all combine

to allow the widest, flexible approach to providing clients with a customised solution.

Three new covering materials have just been added to the range. Bluegrip, TNX and Redgrip are produced using "One Shot" technology, which allows the belt and cover to be manufactured in a single process.

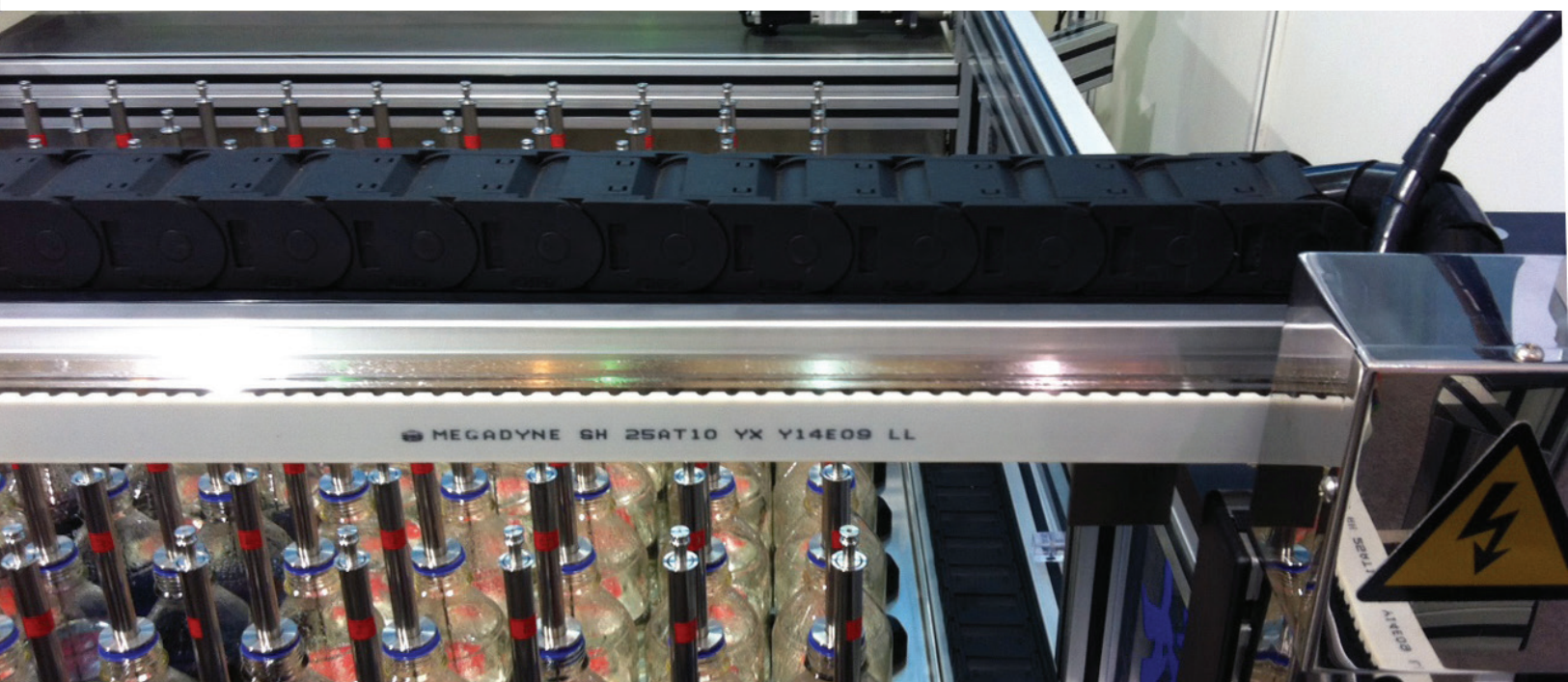
These special coatings are available in different hardness grades, that guarantee the correct amount of grip required. Due to the production process, performance and adhesion of the cover to the belt is second to none.

High humidity conditions, such as those found in capping machines, can cause a decrease in the coefficient of friction of the cover. Bluegrip overcomes these issues, offering a consistent grip rate that allows

enhanced production rates.

Versions are also available, that allow a vacuum to pass from a support manifold, through perforations in the belt. This causes the product to be firmly gripped by the belt during the production process, which brings benefits in higher processing speeds and increased overall productivity.

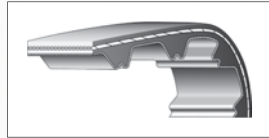
All Megadyne products are certified and conform to all the relevant international standards.



Packaging industry



The **DRYBACK V-BELTS** has been created for drives with small pulley diameters and high temperature peaks, combined with a high grade of moisture and humidity. It withstands the harshest environmental conditions, such as oil and grease contaminated drives.



ISORAN RUBBER SYNCHRONOUS BELTS

Megadyne Isoran RPP belts are high power and high precision class of belts.

This kind of belt uses a parabolic profile with the purpose to transmit more power and reduce tooth jump and noise.



The **ISORAN RPP SILVER** offers performances up to 300% higher than other deep or parabolic profile systems while maintaining effective interchangeability.



The **ISORAN RPP GOLD** system can be used in a virtually limitless range of applications where a high torque synchronous drive is required, offering power ratings up to 100% higher than RPP SILVER.



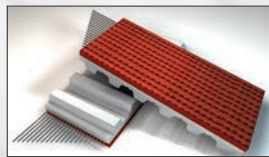
MEGALINEAR open length timing belts are manufactured in thermoplastic polyurethane, that gives superior wear and abrasion resistance. Various grades of steel cords offer good running characteristics, even with high tractive loads. Manufactured to tight tolerances, Megalinear delivers reliability and excellent dimensional stability. The addition of a Nylon coating on the tooth and/or on the back of the belt during production, enhances the running properties for specific applications. An extra thickness of polyurethane is also possible on the back of the belt, offering extra protection against aggressive or heavy materials.



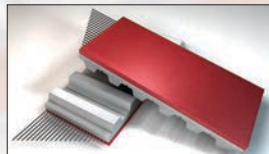
MEGAFLEX TIMING BELTS are manufactured in thermoplastic polyurethane, with continuous spiral steel cords.

They are especially suited for power transmission and conveying with high loads and high speeds (up to 70 m/s). The addition of a nylon coating on the teeth during production enhances the running properties for specific applications, reduces the noise and the friction coefficient.

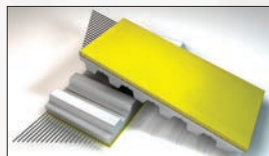
Megaflex belts are truly endless, enabling them to deliver exceptional performance.



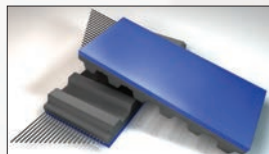
SPECIAL COVERS Megadyne offers a variety of coverings in polyurethane, elastomer, foam, PVC and other unique solutions, designed for special requirements.



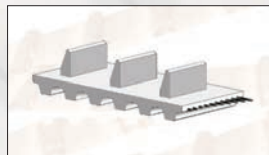
TENAX Coating used for conveying abrasive materials, with high friction coefficient and high cutting resistance, good resistance to wear and water.



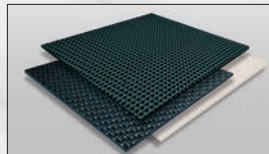
FOAMED POLYURETHANE Coating used for vacuum conveying systems, with good resistance to friction, good resistance to oil and to abrasion.



BLUEGRIP Cover is based on a natural rubber mixture which enables to have high abrasion resistance and a good

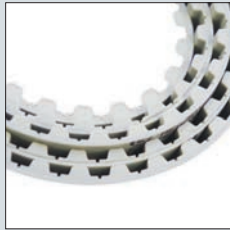
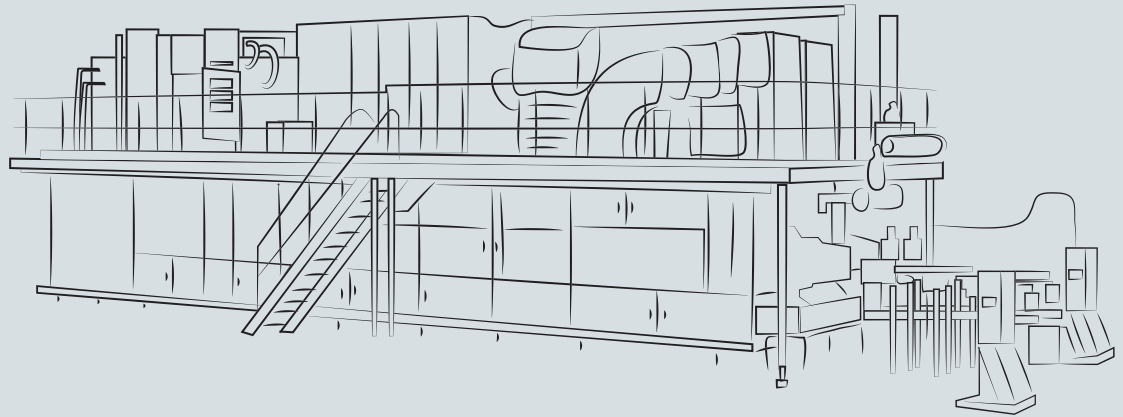


CLEATS Megadyne timing belts can be customized by welding profiles on their back. All the cleats are made using thermoplastic polyurethane. The cleats are attached using high frequency vibration welding.



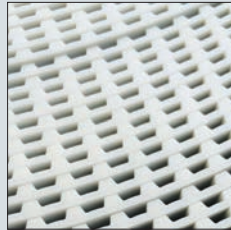
CONVEYOR BELTS can be manufactured with tensioned fabric inside and with various coating materials on top and interlayer. In addition to the general conveying types, the belts which have bare fabric surfaces are used in the packaging machines where accumulation is the main issue. Besides, "Basket Weave" and "Super Grip" patterns provide good grip to keep the conveyed products correctly positioned on the belt and are also a good solution for incline - decline applications.

Filling machine



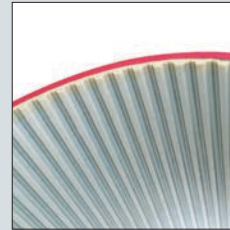
MEGAFLEX BELT

Truly endless belt with thermoplastic polyurethane. Continuous spiral steel cords.



OPEN END TIMING BELT

Open length timing belts manufactured in thermoplastic polyurethane. Various grades of steel cord. High positioning precision suitable for linear movement and lifting systems.



COATED MEGAPOWER BELT

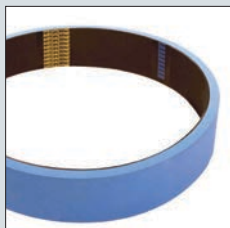
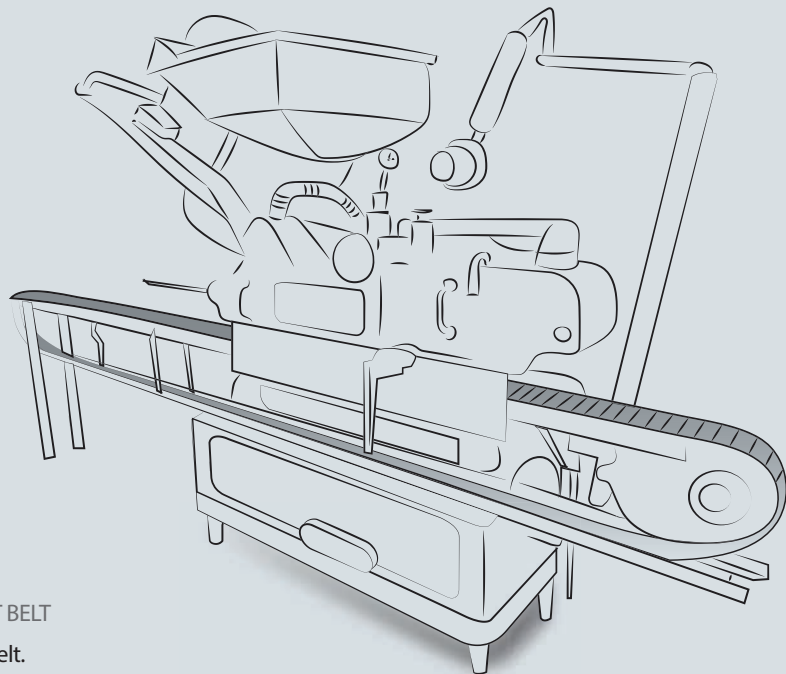
Molded thermoset polyurethane belt. Customizable back cover.

Cap sealing station



DRY BACK V-BELT

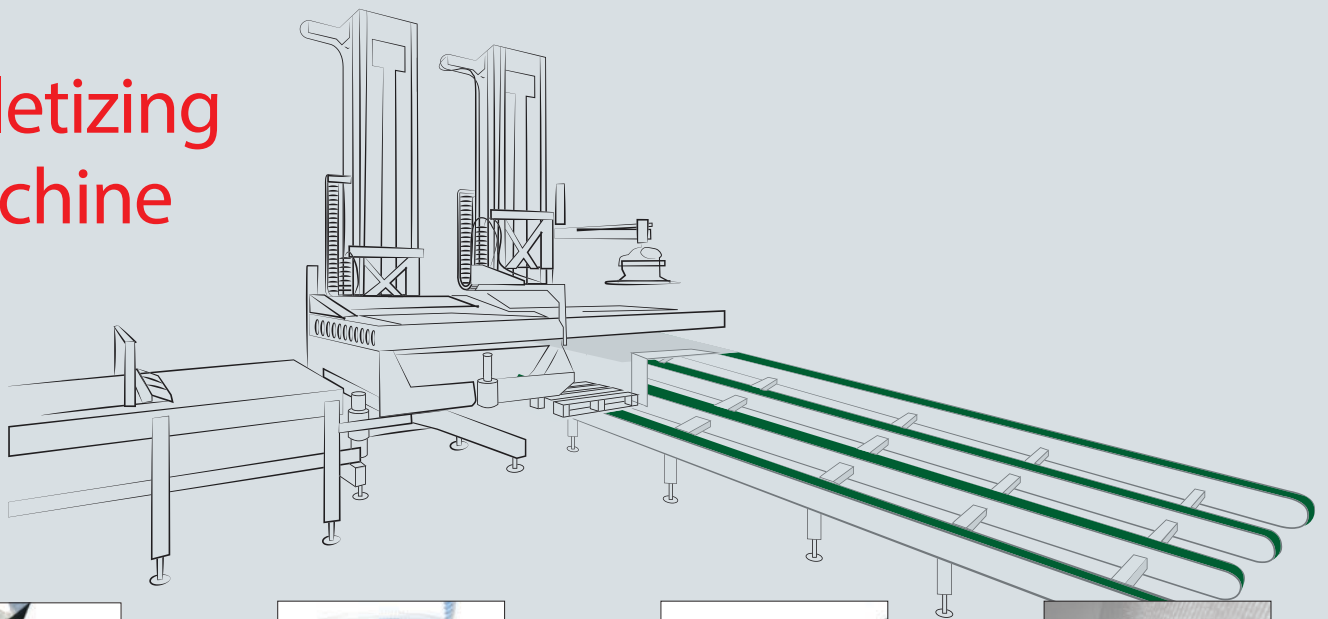
Rubber belt with no marking wrapped fabric. High resistance to oil and steam.



SPECIAL RUBBER FLAT BELT

Endless molded flat belt. Low friction fabric. No marking with high friction cover.

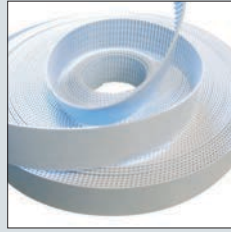
Palletizing machine



RUBBER TIMING BELTS

Molded rubber belts available in different lengths.

Suitable for high power transmission drives.

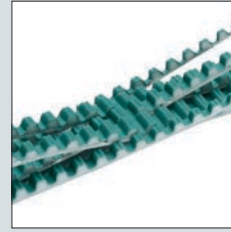


OPEN-END TIMING BELTS

Open length timing belts manufactured in thermoplastic polyurethane.

Various grades of steel cord.

High positioning precision suitable for linear movement and lifting systems.

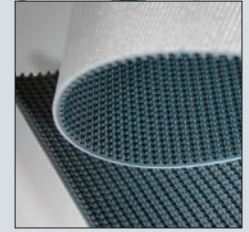


JOINTED BELTS

Endless belt that can be produced in any length.

Suitable for conveying.

High resistance to fatigue.



CONVEYORS

PVCCON belt types with basket weave and supergrip patterns on top for keeping the conveyed products in line.

Vertical fill form sealing machine

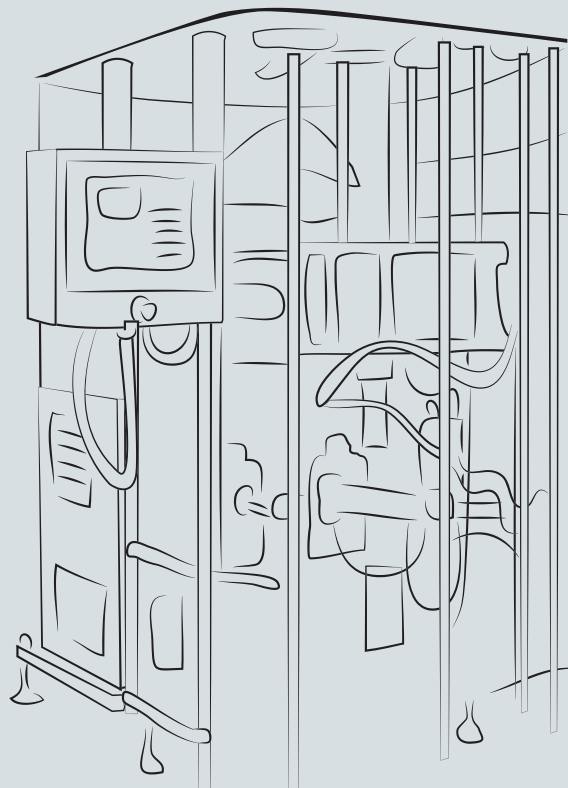
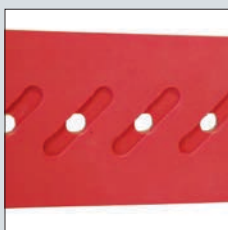


MEGAPOWER VACUUM (GRINDING+HOLES)

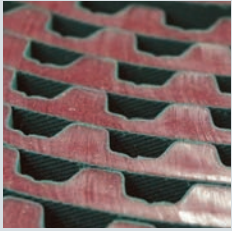
Special molded endless belt.

Back cover with high friction.

Special holes and grinding for VACUUM applications.



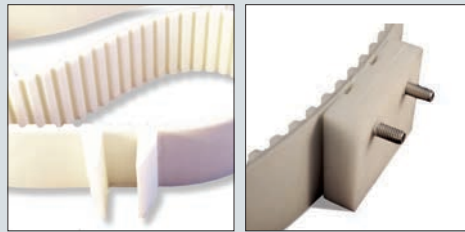
Carton machine



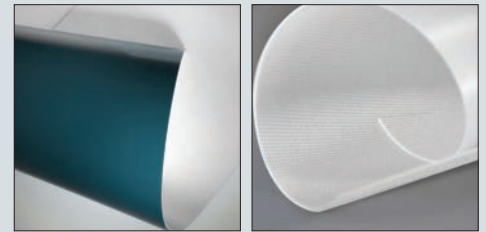
JOINED BELTS
 Endless belt that can be produced in any length.
 Suitable for conveying.
 High resistance to fatigue.



COATED BELT
 Thermoplastic polyurethane belt available in different pitches and with different types of cord.
 No marking and high friction covers available for material conveying.

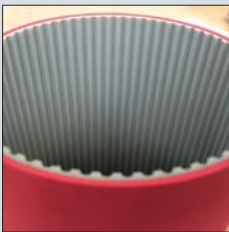
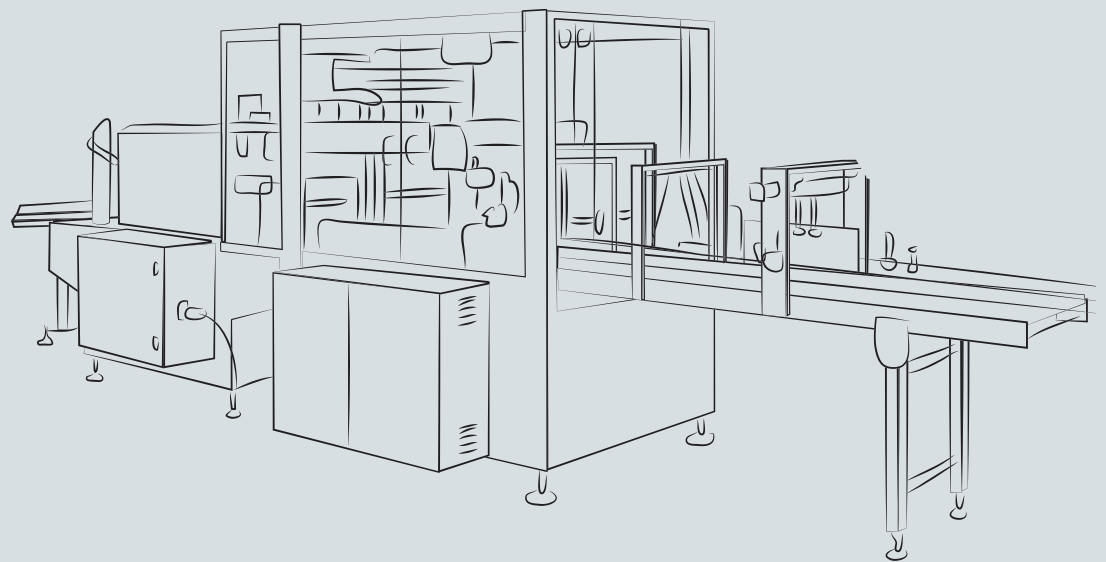


POLYURETHANE BELTS WITH CLEATS
 Joined belt with welded cleats.
 High frequency welding for maximum precision and adhesion.
 Customizable cleats profile.

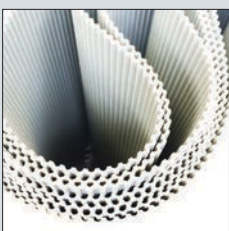


CONVEYORS
 FABCON Belt types with bare top surface and PVCCON belt types for general conveying.

Wrapping and shrinking machine



COATED MEGAPOWER BELT
 Molded thermoset polyurethane belt.
 No marking and high friction covers available for material conveying.



DOUBLE SIDED MEGAFLEX
 Thermoplastic polyurethane truly endless belt.
 Continuous spiral steel cord.
 Backside teeth for synchronization of counter-rotation pulleys.



CONVEYORS
 FABCON Belt types with bare top surface and PUCON belt types with matte surface structure.

CASE STUDIES

Application:

Ceramic packaging machine

Previous drive:

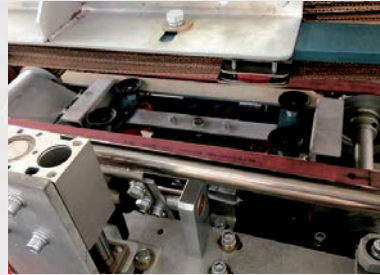
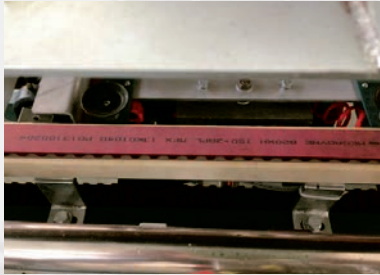
Chain Drive

Previous drive problems:

Slippage of the ceramic on the chains in presence of moisture or water.
Occasional marks on the tile due to the chain.

Solution:

JOINED PU BELT with APL: cover on the back; the softer material eliminates the problem of the mark on the tile.
The APL cover offers a very good grip even in humid environments.



Application:

Food packaging

Previous drive:

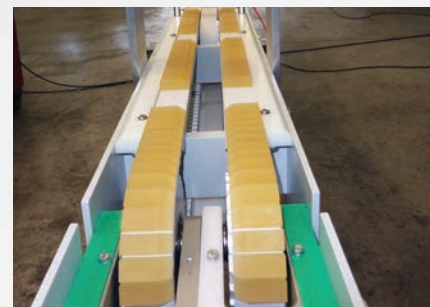
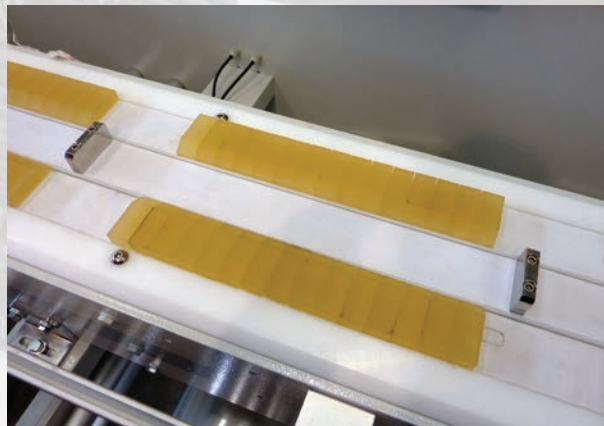
Flat conveyor belt

Previous drive problems:

Belt slippage, synchronization, expensive replacement and cost of spare parts.

Solution:

MEGALINEAR TIMING BELT with FDA CLEAT: jointed with PPJ joint system for a total length of 30m. Easy replacement of just one portion of the belt, if braking occurs, and perfect belts synchronization.



BELARUS

Minsk
Kuzme Chornogo 31 -901
220100 Minsk
Phone +375 17 2802486
Info.ee@megadynegroup.com

BRASIL

Sorocaba
Avenida Dr. Armando Pannunzio
610 CEP 18050-000
Sorocaba, São Paulo
Phone +55 15 2101 7700
inquiries@jasonindustrial.com

CANADA

Edmonton
10020 42nd Avenue Edmonton
Alberta T6E 5B4
Phone: +1 780 461 4400
inquiries@jasonindustrial.com

Montreal

9135 Cote De Liesse
Dorval, Quebec H9P 2N9
Phone: +1 514 31 2341
inquiries@jasonindustrial.com

Toronto

927 Matheson Boulevard East
Mississauga, Ontario L4W 2R7
Phone: +1 905 602 4400
inquiries@jasonindustrial.com

CHINA

Beijing
NO.37-344 Fudongyuan.Ciqu Street
Taihu town, Tongzhou
Beijing 101111
Phone +86 10 8150 7478
info.cn@megadynegroup.com

Foshan

n.5 Hedang Industrial Area
East Side Wu Gang Road
Changcheng district, Foshan
Guangdong 528031
Phone +86 757 83815530
info.cn@megadynegroup.com

Fujian

No.720 Marketing Comprehensive
Building, South Lingshui Street
Wuli Industrial Park,
Jinjiang City, Fujian, 362261
Phone +86 595 8816 0309
info.cn@megadynegroup.com

Ningbo

Industrial Chemical Area,
Fengxiang Road 777, Xiepu Town
Zhenghai District,
Ningbo City, Zhejiang Province,
315203
Phone +86 574 8650 2886
info.cn@megadynegroup.com

Qingdao

Longshan town office,
Nange backstreet Jimo city –
Qingdao – Shandong, 266100
Phone +86 532 8765 2117
info.cn@megadynegroup.com

Shanghai

Business Office A area,
6th Floor, 11th Building,
No.1588, Li an Road
Shanghai, 201105
Phone +86 21 5447 1473
info.cn@megadynegroup.com

Shenyang

Room303, Flat 3, No.131-9
Baogong South St.
Tiexi District
Shenyang,110074
Phone +86 24 2572 3238
Fax +86 24 2572 3238
info.cn@megadynegroup.com

COLOMBIA

Cartagena
Diag 22-56-112
Bario el Bosque
Cartagena, Colombia
NIT 900-648-909-6
Phone: 011 57 313 501 5397
inquiries@jasonindustrial.com

CZECH REPUBLIC

Praha
Karlovarska Business Park
Na Hurce 1077/4 (Budova C),
161 00 –
Praha 6 – Ruzyně
Phone +420 2 8481 7181
office.cz@megadynegroup.com

FRANCE

Paris
Logistic Center Zi Les Bordes - 15
Rue Gustave Madiot
91923 Bondoufle Cedex
Phone +33 1 6079 8200
info.fr@megadynegroup.com

St. Jean De Maurienne

le près de la Garde -Av. Italie-
73300 S. Jean de Maurienne
Phone +33 4 7964 0613
info.fr@megadynegroup.com

GERMANY

Borchen
Nikolaus Otto Straße 24
33178 Borchen
Phone +49 5251 8735 0
info.de@megadynegroup.com

Elchingen

Daimlerstraße 13
89275 Elchingen
Phone +49 7308 9665 0
produktion@megadynegroup.com

HUNGARY

Budapest
West Gate Business Park
Topark u. 9
2045 Torokbalint
Phone +36 23 428 628
info.hu@megadynegroup.com

MEXICO

Mexico C.P.
AV. Ceylan 959 Int. 9 Y 10
Industrial Vallejo Azcapotzalco,
Mexico C.P. 02300
Phone +52 55 5587 3680
inquiries@jasonindustrial.com

POLAND

Bydgoszcz
Ołowiana 10, 85-461 Bydgoszcz
POLAND
Phone +48 52 348 77 12
info.pl@megadynegroup.com

SOUTH AFRICA

Johannesburg
Unit 4 - 6, 24 Park Avenue South
- Highway Business Park -
Rooihuiskraal, Centurion
Phone +27 (0)12 661 1652
Fax +27 (0)12 661 1634
info.sa@megadynegroup.com

SPAIN

Barcelona
Ctra de l'Arboc, Km 1,7
08800 Vilanova I La Geltru
Barcelona
Phone +34 93 811 5450
info.sp@megadynegroup.com

SWEDEN

Kristianstad
Estrids Väg 15
291 65 Kristianstad
Phone +46 10 1309600
info.se@megadynegroup.com

THAILAND

Bangkok
S.S.P. Tower – 16th Floor –
Office 10 Soi Sukhumvit 63
(Ekamai) Klong Tan Nuea,
Vadhana Bangkok 10110
Phone: +66 (0) 27115477
info.apac@megadynegroup.com

TURKEY

Izmir
Mustafa Kemal Atatürk Mahallesi
Izmir Ankara Asfalti Caddesi
No:19, 35170 Ulucak Kemalpaşa
Phone +90 232 877 07 00
info@rultrans.com.tr

U.K.

Birmingham
Unit 1, The Washington Centre,
Halesowen Road, Netherton,
Dudley, West Midlands, DY2 9RE
Phone: +44 1384 215 021
sales@megadynegroup.com

U.S.A

California
5660-5680 Rickenbacker Road Bell
Los Angeles, CA 90201
Phone +1 323 265 8061
inquiries@jasonindustrial.com

Florida

5120-B East Adamo Drive Tampa,
FL 33619
Phone +1 813 241 4111
inquiries@jasonindustrial.com

Georgia

Belt Corporation of America
253 Castleberry Industrial Dr.
Cumming, GA 30040
Phone +770 887-9725
inquiries@jasonindustrial.com

Illinois

221 South Westgate Drive
Carol Stream, IL 60188
Phone: +1630 752 0600
inquiries@jasonindustrial.com

New Jersey Americas HQ

340 Kaplan Drive Fairfield
NJ 07004
Phone +1 973 227 4904
inquiries@jasonindustrial.com

North Carolina

11016 Granite Street, Charlotte,
NC 28273
Phone +1 704 583 5388
inquiries@jasonindustrial.com

Oregon

One SE Alder St., Portland,
OR 97214
Phone +1 888 231 7224
inquiries@jasonindustrial.com

South Carolina

101 Pelham Davis Cir, Greenville,
SC 29615-5752
Phone +1 864 288 9916
inquiries@jasonindustrial.com

Texas

8510 Ambassador Row, Dallas
TX 75247
Phone +1 972 438 6992
inquiries@jasonindustrial.com

HEADQUARTERS**ITALY Torino**

Via S. Lucia, 114
10075 Mathi (Torino)
Phone +39 011 926 8052
info@megadynegroup.com

www.megadynegroup.com
www.jasonindustrial.com

