

PLATINUM





PREMIUM RATED SYNCHRONOUS BELTS

PLATINUM is an Ultra-High Performance, rubber-based synchronous power transmission belt possessing "Dual Core" Hybrid Tensile Cord Technology combined with a nitrile-based HNBR compound body resulting in a product capable of handling the most demanding high-power, high-torque drives.

PLATINUM was designed to replace drives using Roller Chain and Gears. The PLATINUM design achieves a high-power capacity drive with excellent dimensional stability and a fully-functional interchange with all of the most common existing deep pulley tooth profile systems.

Our labs and technicians originally gave birth to the popular RPP, an industry standard. With PLATINUM, Megadyne has created the new "RPC" belt tooth profile which is fully interchangeable with RPP, HTD and Poly Chain pulley tooth profiles.



PLATINUM RANGE

PLATINUM is offered in 8 mm and 14 mm pitches, with a wider range of lengths than any other ultra-high performance belt in the market.

STRUCTURE

① BODY COMPOUND

An innovative design and blend of HNBR elastomers uniquely cross-linked to increase teeth rigidity and shear resistance.

Despite the high levels of rigidity and hardness, this compound guarantees an exceptional resistance to flex fatigue, preventing the appearance of cracks when working with very small pulleys.

Tests have shown a dramatic improvement in the flex fatigue resistance.

② TENSILE CORD

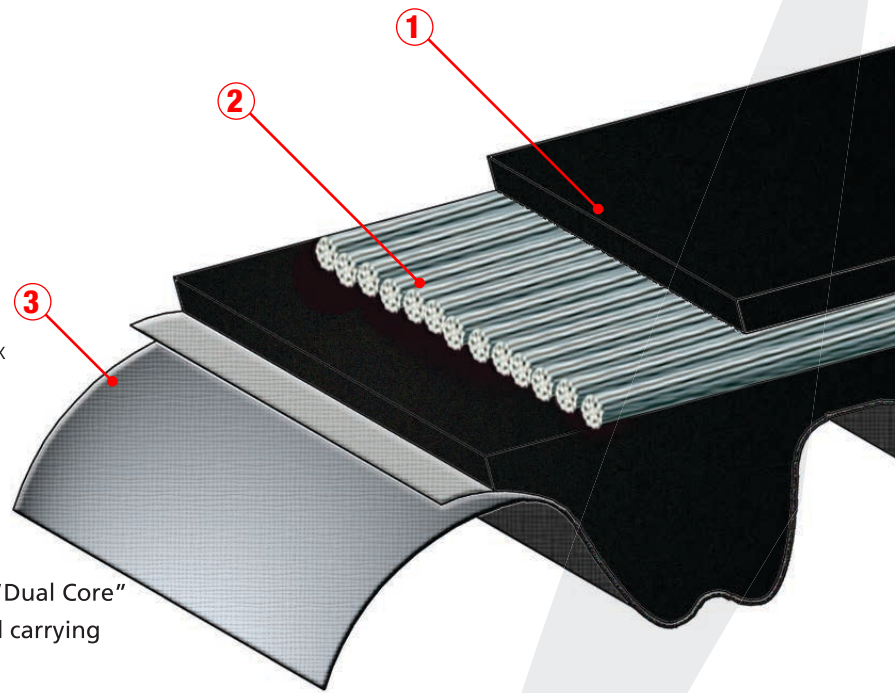
The tensile member is made with our innovative "Dual Core" hybrid cord technology and it constitutes the load carrying element inside the New PLATINUM belt.

The "Dual Core" technology gives PLATINUM extreme dimensional stability under static and dynamic tension, in addition to superior flex fatigue resistance.

These characteristics eliminate the need for retensioning, providing true maintenance-free operation and guaranteeing perfect tooth mesh for long lasting service with reduction of abrasion, vibration and noise. The higher elastic modulus (low elongation) of PLATINUM, and its superior flexibility, allow consequently more compact drives and durability.

③ TOOTH FACING FABRIC

A hard-wearing polyamide fabric is bonded to the tooth surface, improving torque carrying capacity and tooth shear resistance. Its special surface impregnation confers self-lubricating properties, a lower co-efficient of friction and increased drive efficiency.



MAIN FEATURES

- For New Designs and Extreme Drives, PLATINUM performs where competitive ultra-high performance belts have restrictions, such as high temperature, oily environment, use of backside idlers and special widths. PLATINUM performs at 98% efficiency and can have an expected average efficiency as much as 5% over V-belts.
- PLATINUM offers greater drive flexibility with the RPC belt tooth profile being compatible on multiple pulley types. Older tooth profile technology (RPP®, PCGT®, PowerGrip® GT® 2, HTD®) can be significantly upgraded with PLATINUM by allowing the use of existing pulleys.
- PLATINUM belts are stocked as sleeves. This means we can cut the belt to any desired width, giving the flexibility to design any drive width required. Jason is equipped to cut the desired belt width and promptly ship.
- The range of available PLATINUM lengths is wider than competitive ultra-high performance belts.
- HNBR Rubber-Based Technology is quieter than comparable Polyurethane belts
- PLATINUM can operate without problems in environments from -35°C up to 115°C compared to a much more restricted range for PU belts.

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

