FITNESS

The fitness industry is a fast-growing sector, especially within the field of health and wellness. We are constantly following this rapid growth, providing innovative solutions to design new and better-performing gym equipment. With our products, you may achieve grease-free surface, long service life, smooth starting and running, silent drive, maximum efficiency, and reduced dimensions. Every machine has its specific requirements like peak load, power load capacity, a wide range of driven speed. We do our best to meet all these needs.

Megadyne has been catering to your needs since 1957, designing and manufacturing power transmission belts, matched components, and complete belt systems for all types of equipment. We are a reliable partner for original equipment manufacturers and aftermarket distributors, with:

- 9 manufacturing plants in Europe, North America, and Asia,
- more than 170 Customer Solution Centres and 3 main distribution hubs around the world, able to deliver products efficiently, from large industrial sites to remote locations.

BELT PROPERTIES

<table>
<thead>
<tr>
<th>MEGADYNE PV RIBBED BELTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPPLIED AS</td>
</tr>
<tr>
<td>LENGTH</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>WIDTH</td>
</tr>
<tr>
<td>PITCH</td>
</tr>
<tr>
<td>TENSION MEMBER</td>
</tr>
<tr>
<td>FEATURES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MEGADYNE ELASTIC PV RIBBED BELTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPPLIED AS</td>
</tr>
<tr>
<td>LENGTH</td>
</tr>
<tr>
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</tr>
<tr>
<td>PITCH</td>
</tr>
<tr>
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</tr>
<tr>
<td>FEATURES</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>MEGADYNE MEGAFLEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPPLIED AS</td>
</tr>
<tr>
<td>LENGTH</td>
</tr>
<tr>
<td>WIDTH</td>
</tr>
<tr>
<td>TENSION MEMBER</td>
</tr>
<tr>
<td>FEATURES</td>
</tr>
</tbody>
</table>
Use an extensive range of pulleys and accessories like timing bars, flanges, clamping plates, couplings to design a complete drive transmission system.

### MEGADYNE MEGASYNC™ (RPP, SILVER2, GOLD)

<table>
<thead>
<tr>
<th>SUPPLIED AS</th>
<th>Endless</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>248 - 4 966 mm</td>
</tr>
<tr>
<td>WIDTH</td>
<td>12 - 170 mm*</td>
</tr>
<tr>
<td>PITCH</td>
<td>RPP8, RPP14, SLV2 8, SLV2 14, GLD8, GLD14</td>
</tr>
<tr>
<td>TENSION MEMBER</td>
<td>Fiberglass</td>
</tr>
<tr>
<td>FEATURES</td>
<td>High stability and power transmission</td>
</tr>
</tbody>
</table>

*Standard Width Range - Megadyne will cut to desired width upon request.

### MEGADYNE MEGASYNC™ TITANIUM

<table>
<thead>
<tr>
<th>SUPPLIED AS</th>
<th>Endless</th>
</tr>
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<tr>
<td>LENGTH</td>
<td>248 - 4 966 mm</td>
</tr>
<tr>
<td>WIDTH</td>
<td>12-170 mm</td>
</tr>
<tr>
<td>PITCH</td>
<td>TTM8, TTM14</td>
</tr>
<tr>
<td>TENSION MEMBER</td>
<td>Special Carbon cord</td>
</tr>
<tr>
<td>FEATURES</td>
<td>Compact drive package, High stability and resistance</td>
</tr>
</tbody>
</table>

*Standard Width Range - Megadyne will cut to desired width upon request.

### MEGADYNE MEGALINEAR FLAT BELT

<table>
<thead>
<tr>
<th>SUPPLIED AS</th>
<th>Open-ended roll</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>100 m</td>
</tr>
<tr>
<td>WIDTH</td>
<td>16 - 30 mm</td>
</tr>
<tr>
<td>PITCH</td>
<td>P2, P3</td>
</tr>
<tr>
<td>TENSION MEMBER</td>
<td>Standard steel - HP steel - Kevlar®</td>
</tr>
<tr>
<td>FEATURES</td>
<td>Smooth running, high stability</td>
</tr>
</tbody>
</table>

### MEGADYNE MEGALINEAR

<table>
<thead>
<tr>
<th>SUPPLIED AS</th>
<th>Open-ended roll - Joined - PPJ</th>
</tr>
</thead>
<tbody>
<tr>
<td>LENGTH</td>
<td>Consult Megadyne</td>
</tr>
<tr>
<td>WIDTH</td>
<td>Up to 508 mm</td>
</tr>
<tr>
<td>TENSION MEMBER</td>
<td>High strength S and Z parallel zinc coated steel</td>
</tr>
<tr>
<td>FEATURES</td>
<td>Smooth running, high stability</td>
</tr>
</tbody>
</table>

### METAL DRIVE COMPONENTS

MEGADYNE MEGASYNC™

MEGADYNE MEGASYNCTM (RPP, SILVER2, GOLD)

MEGADYNE MEGASYNC™ TITANIUM

MEGADYNE MEGALINEAR FLAT BELT

MEGADYNE MEGALINEAR

MEGADYNE MEGALINEAR
PV RUBBER RIBBED BELTS
Endless belts with longitudinal V-shaped grooves which combine the benefits of flat belts and V-belts.
- Low noise
- Improved power performance by increasing the number of ribs
- Compact smooth running drive system with low vibration

ELASTIC PV RUBBER RIBBED BELTS
Endless belts with longitudinal V-shaped grooves in elastic version (TEM).
- No need for tension devices
- Low noise level
- Reduced transmission cost and maintenance
SLAT TREADMILL

MEGAFLex
Truly endless timing or flat belts with thermoplastic polyurethane and high-strength helically wound zinc coated steel tension members.
• Low elongation and high stability
• Low friction and power absorption
• Suitable for heavy loads
• High resistance to fatigue

MegaDyne MegaSync™
Rubber endless timing belts with spiral fiberglass cords and RPP profile (Gold, Silver, Silver2).
• High speed capacity
• Low noise
• High precision drives
• Antistatic
MEGADYNE MEGASYNC™
Rubber endless timing belts with spiral fiberglass cords and RPP profile (Gold, Silver, Silver2).
- Low noise
- High precision drives
- Antistatic

MEGALINEAR
Thermoplastic 92 ShA flat PU belts (MEGALINEAR P), supplied as open length rolls or as endless joined belts.
- Low elongation, high loads capacity
- High wear resistance
- Smooth running
PV RUBBER RIBBED BELTS
Endless belts with longitudinal V-shaped grooves which combine the benefits of flat belts and V-belts.
• Low noise
• Improved power performance by increasing the number of ribs
• Compact smooth running drive system with low vibration

MEGADYNE MEGASYNC™
Rubber endless timing belts with spiral fiberglass cords and RPP profile (Gold, Silver, Silver2).
• Low noise
• High precision drives
• Antistatic
SMART TRAINER

PV RUBBER RIBBED BELTS
Endless belts with longitudinal V-shaped grooves which combine the benefits of flat belts and V-belts.
• High flexibility
• Improved power performance by increasing the number of ribs
• Compact smooth running drive system
• Low vibration, smooth ride feeling

ELASTIC PV RUBBER RIBBED BELTS
Endless belts with longitudinal V-shaped grooves in elastic version (TEM).
• No need for tension devices
• Low noise level
• Reduced transmission cost and maintenance
EXERCISE BIKE

MEGADYNE MEGASYNC™
High performance rubber endless timing belts made of high-quality rubber compounds and spiral fiberglass tension members (Gold) or carbon tension member (Titanium).
- Low pre-tension
- Good transmittable torques
- Low noise
- Low vibration

ELASTIC POLY-V RIBBED BELTS
Endless belts with longitudinal V-shaped grooves in elastic version (TEM).
- No need for tension devices
- Low noise level
- Reduced transmission cost and maintenance

PV RUBBER RIBBED BELTS
Endless belts with longitudinal V-shaped grooves which combine the benefits of flat belts and V-belts.
- High flexibility
- Improved power performance by increasing the number of ribs
- Compact smooth running drive system
- Low vibration, smooth ride feeling
MEGASYNC™ TITANIUM
High-performance rubber timing belts with special carbon cord (TTM8, TTM14).
- Compact drive package
- High stability and resistance under high torque
- Long life cycles, cost-efficiency
- Maintenance free

PV RUBBER RIBBED BELTS
Endless belts with longitudinal V-shaped grooves which combine the benefits of flat belts and V-belts.
- Low noise
- Improved power performance by increasing the number of ribs
- Compact smooth running drive system with low vibration

MEGADYNE MEGASYNC™
Rubber endless timing belts with spiral fiberglass cords and RPP profile (Gold, Silver, Silver2).
- High speed capacity
- Low noise
- High precision drives
- Antistatic
MEGA LINEAR
Thermoplastic 92 ShA flat PU belts (MEGALINEAR P), supplied as open length rolls or as endless joined belts.
- Low elongation, high loads capacity
- High wear resistance
- Smooth running

CASE STUDY
APPLICATION: Spin Bike
PREVIOUS SOLUTION: Competitor Belt
CHALLENGE WITH THIS SYSTEM: Noise and Vibration

MEGADYNE SOLUTION: PV BELT PJ ELASTIC
- Improved reduction in noise level
- Smooth running of the transmission
- Accurate product movement
Discover Your Local Contacts

The local partner of choice for sustainable power transmission belting solutions around the globe.

General contact information:
Megadyne
Via Trieste, 16
Via S. Lucia 114 - 10075 Mathi (Torino)
Italy
megadynegroup.com