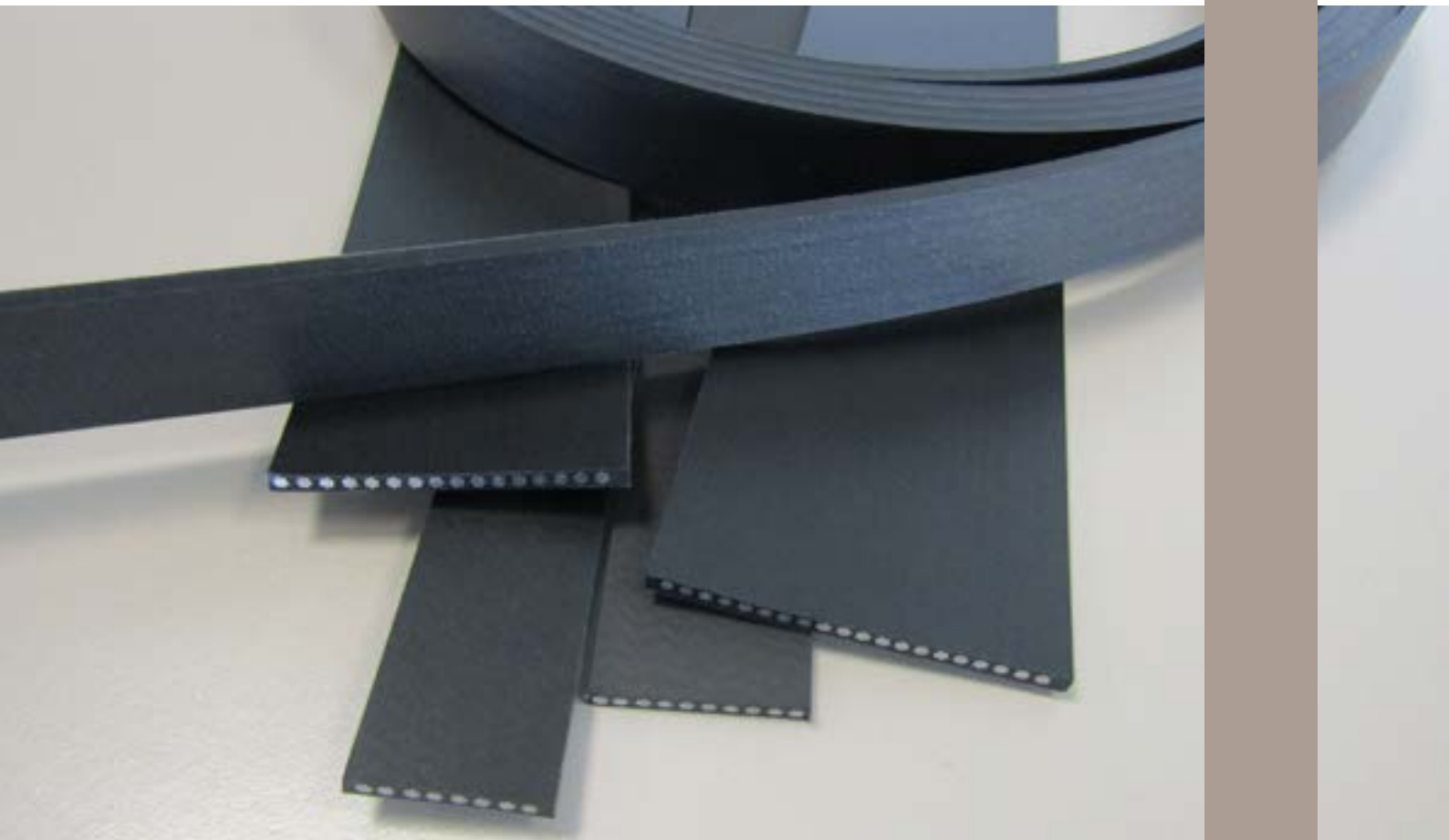




MEGADYNE

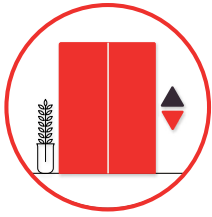


MEGALINEAR P3.3

PRODUCT
BROCHURE

EN

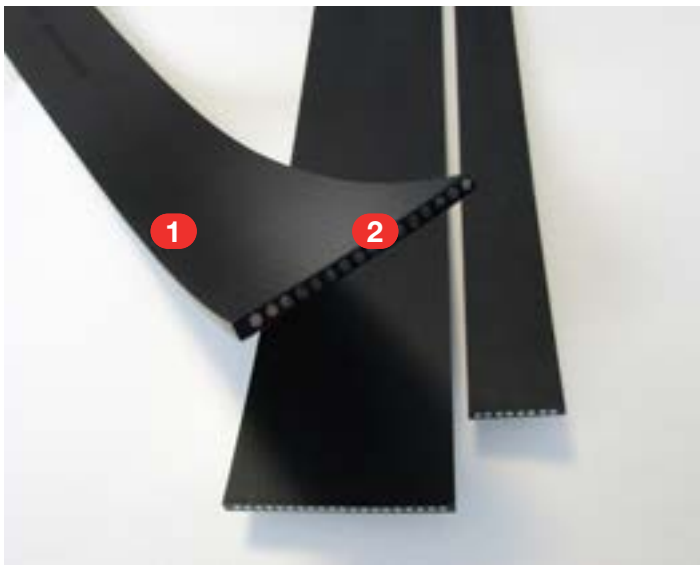
Raise the bar with MEGALINEAR P3.3!



MEGALINEAR P3.3 takes the development of lift belts to the next level, addressing many of the challenges that came with previous belting solutions and providing a quiet, smooth and safe ride. Megadyne's vast experience in power transmission belting has made it possible to produce a highly reliable design that reduces motor size and maximises energy savings for the customers. An extensive lifetime of up to 15 years means ease of maintenance and peace of mind. The belt can be used in a wide variety of environments, in both cold and hot climates with the same high level of performance. This kind of flexibility maximises the practical application of MEGALINEAR P3.3 and provides the end users with a belt that is highly cost-efficient.

A vital product for the Elevator Industry, the MEGALINEAR P3.3 has also been adopted for applications in the Automotive, Construction and Material Handling sectors.

STRUCTURE & RANGE



1 BELT BODY

Black thermoplastic polyurethane
No gap, fully sealed
Roll length on request
Standard widths (mm) : 25 - 30 - 36 - 40 - 50 - 60

The choice of widths is designed to meet various load requirements for a broad range of lifting applications.

2 TENSILE CORDS

S and Z torsion high-performance zinked steel cords, completely encased in a wear-resistant polyurethane body, ensure excellent operational performance and smooth movement.

CERTIFICATIONS



All of the MEGALINEAR P3.3 range is in compliance with EN 81-20:2020, EN 81-50:2020 and Lift Directive 2014/33/EU, as certified by Liftinstituut B.V. Scan the QR Code to see the **Liftinstituut Certificate**.

FEATURES & BENEFITS

“ Safety-certified ● Efficient ● Smooth ride, no noise
● Operating in a wide variety of environments ● Space-saving ”

...The features listed above are those most frequently requested when a manufacturer is designing a lift system, and the belt to be used is a fundamental component in the system. MEGALINEAR P3.3 is designed to meet various load requirements for a broad range of lift applications, and has been put through countless hours of testing, pushing the P3.3 to the limit to ensure reliability and safety.



High Efficiency and Reliability

Safe, stable
Reduced elongation under load
Resistant to cold and moisture
Resistant to salt, chemicals and UV rays
Smooth and quiet running



Cost saving

Long lifetime - as per certification requirements (15 years)
Ease of repair
Highly resistant to wear



Energy saving

Smaller pulley diameters
Reduced motor size
Smaller footprint

CASE STUDY

APPLICATION: Elevator Traction System

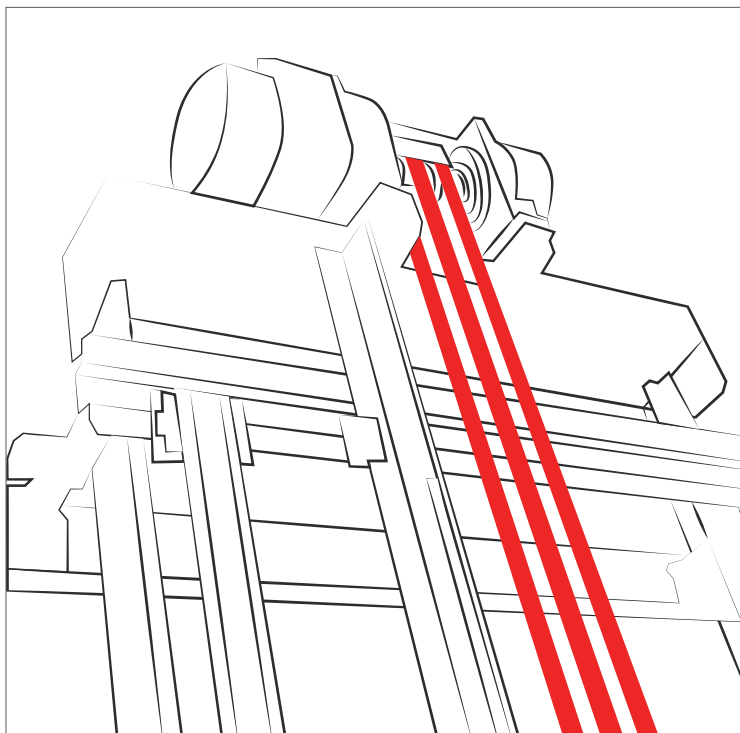
PREVIOUS SOLUTION: Rope Traction System

CHALLENGES WITH THAT SYSTEM:

- Cabin vibration and oscillation
- Oxidation (rust) of exposed steel
- Higher energy consumption
- Greater wear on the traction sheave
- Larger traction sheaves require extra head room (machine room)
- Large cabin rollers
- Short lifetime for the traction rope

MEGADYNE SOLUTION: *MEGALINEAR P3.3*

- No rust
- No vibration and less oscillation
- Reduced energy consumption
- Negligible traction sheave wear
- Smaller motor and sheave = Machine Room-Less
- Compact cabin peripherals
- Longer lifetime



Contact us for more information: info@megadynegroup.com

Discover Your Local Contacts

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

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Scan the QR code
and find your local
contact

