



**MEGADYNE**



# ***MEGALINEAR P3.3 RANGE***

PRODUCT  
BROCHURE

EN



# MEGALINEAR P3.3 RANGE

SAFETY-CERTIFIED, EFFICIENT,  
SMOOTH RIDE, NO NOISE, SPACE-SAVING

Those are the most frequent features requested when a manufacturer is designing a lift system, and the belt is a fundamental component of this system.

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.

*MEGALINEAR P3.3 is now available in multiple versions to meet the diverse needs of the market: standard, light, and a flame-retardant version (on request).*

## BELT STRUCTURE

### Features:

- Black thermoplastic polyurethane
- No gap, fully sealed
- Flame retardant compound available on demand
- Roll length on request

### Characteristics:

P3.3 Standard widths (mm): 25 - 30 - 36 - 40 - 50 - 60

P3.3 Light Standard widths (mm): 30

Note: *the choice of widths is designed to meet various load requirements for a broad range of lifting applications.*

### Tensile cords

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

## CERTIFICATIONS

All P3.3 belts are compliant with EN 81-20 / EN 81-50 certifications.

In addition, both standard and FR versions obtained ASME 17.1 certification for USA market and ASME 17.1 FT1 rating for whole FR range.

BELT	Min. breaking Strength	WIDTH	THICKNESS	N° OF CORD
	[kN]	[mm]	[mm]	N°
25 P3.3	41.6	25	3.3	8
30 P3.3 Light	41.6	30	3.3	8
30 P3.3	52	30	3.3	10
36 P3.3	62.4	36	3.3	12
40 P3.3	67.6	40	3.3	13
50 P3.3	83.2	50	3.3	16
60 P3.3	104	60	3.3	20

## INDUSTRIES SERVED



AUTOMOTIVE



ELEVATORS & LIFTS



MATERIAL HANDLING

P3.3

megadynegroup.com



# MEGALINEAR P3.3 RANGE

## NOT JUST A BELT, REAP THE BENEFITS

### Reducing the total cost of ownership (TCO)

Megadyne's vast experience in power transmission belting has made it possible to produce a highly reliable design that reduces motor size and maximizes energy savings for customers. In fact, MEGALINEAR P3.3 can manage idler pulleys down to 80 mm. An extensive lifetime of up to 15 years means ease of maintenance and peace of mind. Countless hours of testing reveal that bending lifetime and breaking strength are higher in comparison to similar belting solutions provided by competitors.

### Safe and strong in hard working condition

The belt can be used in a wide variety of environments, in both cold and hot climates with the same high level of performance. What's more, on demand, the MEGALINEAR P3.3 is also available in flame retardant version, to meet specific requirements. 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.

### Silent presence

MEGALINEAR P3.3 reduces noise levels. Thanks to the smooth and quiet running, it creates a safer and quieter working environment.

### Complete belt system

We are able to provide a complete belt system: belt and pulleys, anchors, and monitors. That guarantees a lot of advantages. Compatibility, first: the system is designed to work optimally, avoiding problems with the coupling between belt and pulley. That results in optimized performance and improved efficiency and durability: the wear is reduced as the components are made to work together, avoiding abnormal stress on the belt or pulley.

### 30 P3.3 LIGHT BELT

#### Optimized Performance, Smart Savings

The industry has embraced 30 mm-wide belts as the new standard, making it easier than ever to source compatible belt anchors, pulleys, and motors.

To help our customers maximize both efficiency and cost savings, Megadyne now offers the **30 P3.3 Light**—a smart alternative for applications with lower performance demands.

By leveraging the widespread availability of 30 mm belts while reducing unnecessary costs, the 30 P3.3 Light gives you the **flexibility to choose the right belt for your needs without changing the existing lift system**



Contact  
Megadyne experts



#### HIGH EFFICIENCY AND RELIABILITY

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



#### COST SAVING

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



#### ENERGY SAVING

- Smaller pulley diameters
- Reduced motor size
- Smaller footprint

**Optimize your system with a future-ready solution that balances performance and affordability.**

P3.3

# Discover Your Local Contacts

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



**General contact information:**

**Megadyne**

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Via S. Lucia 114 - 10075 Mathi (Torino)  
Italy



Scan the QR code  
and find your local  
contact

