

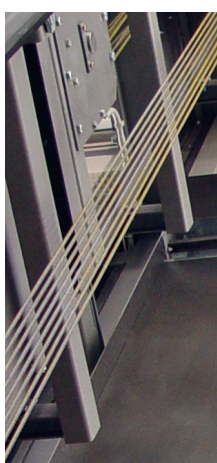
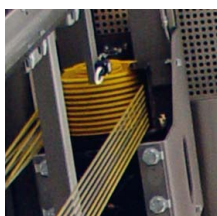


Bild: Wilbert

ELEVATOR CONSTRUCTION

Economical and safe!





Pulleys made of Caprocast E have:

- high safety
- low weight
- reduced momentum
- high corrosion resistance
- low running noise
- high running precision
- economical production
- tested fire performance per EN ISO 11925-2:2010 as construction class „E“ / DIN 4102-4 Class B2.



LICHARZ

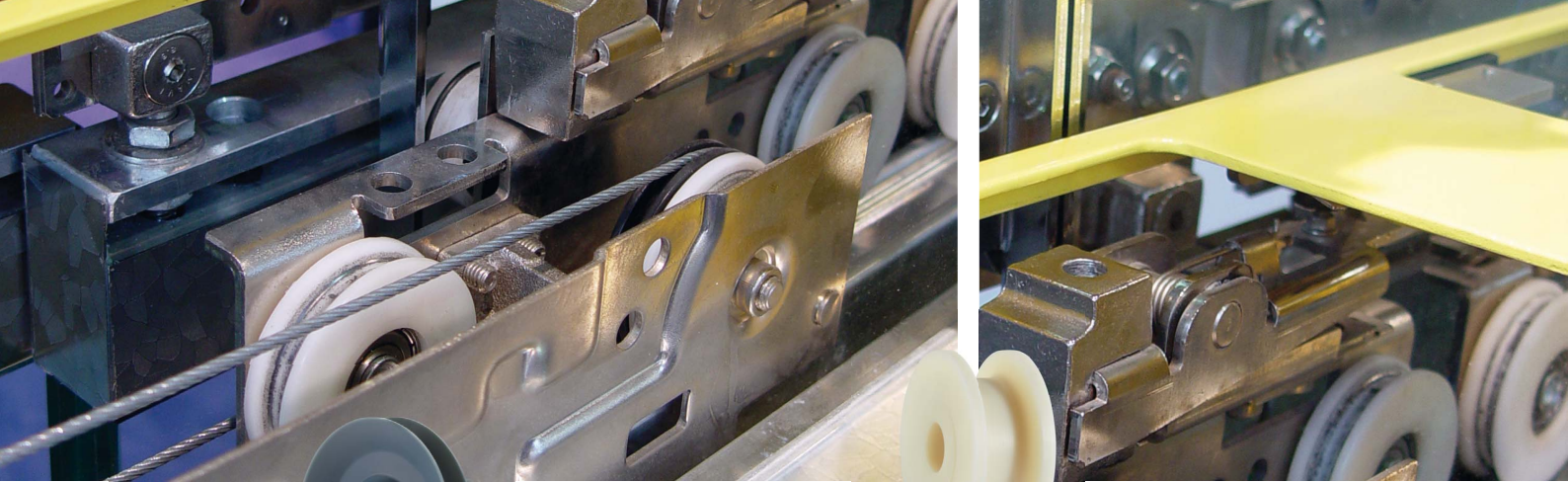
PULLEYS MADE OF CAST POLYAMIDE:

Longer life for elevator ropes!

Application area: Elevators

Pulleys made from specially modified Cast Polyamide Caprocast E offer the highest safety and are optimally suited for use in elevators. Due to their low weight (ca. 1/7th the weight of steel), pulleys made from Caprocast E have a lower momentum than pulleys made from metal materials. This significantly reduces the tendency to keep spinning when the elevator has stopped. In addition, their light weight makes them easier to assemble.

And another plus: The elevator ropes run over the plastic without much friction. As a result, the rope lasts longer. The pulleys not only run very precisely, they are also resistant to corrosion. They have another important benefit: they are yellow in color and therefore do not need time and cost intensive painting.



Wheels made of Cast Polyamide for elevator doors have:

- high load capacity
- low running noise
- continuous high strength
- high running precision
- secure bearing seat
- high corrosion resistance
- excellent flat spot behaviour
- good creep resistance
- very long service life
- economical production

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WHEELS MADE OF CAST POLYAMIDE FOR ELEVATOR DOORS:

Protects the door track!

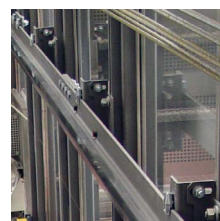


87,000 kg

Application area: Elevator doors

In addition to the standard quality PA 6 G, the application specific modified PA 6 G Calamid® 612 and Calamid® 1200 make up the basis for these wheels. Wheels made from these materials have a very long service life – even under high loads. Because the material has continuous high strength, the wheels do not become brittle and there are no material fatigue cracks. The good creep resistance allows a secure bearing seat.

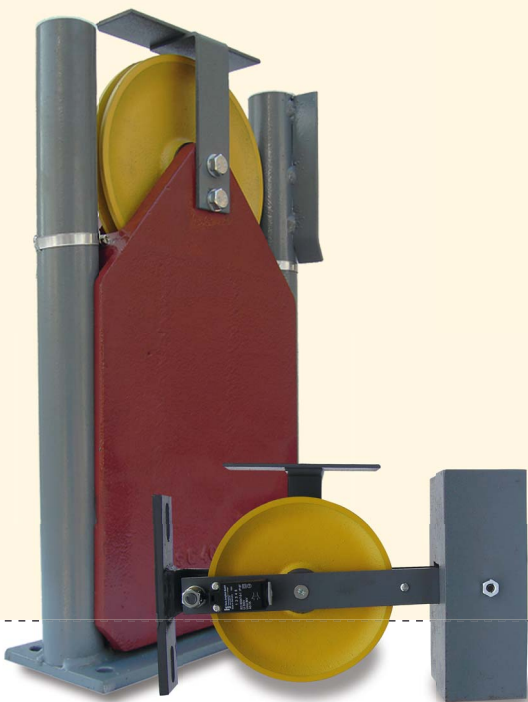
And another plus: Running noise is very low with these wheels because the plastic dampens well and high quality bearings are used. Because they are mechanically machined, the wheels run very precisely. Further positive characteristics are the excellent flat spot behaviour, resistance to corrosion, wear resistance and the protection of the track.





Accessories made of Cast Polyamide such as handwheels, sheaves for speed control and measuring systems or guide wheels have:

- low weight
- high load capacity
- reduced momentum
- customer specific design
- high corrosion resistance
 - self balancing
- economical production



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ACCESSORIES FOR ELEVATORS:

Optimal for high loads!

Application area: Elevator drives, speed control systems

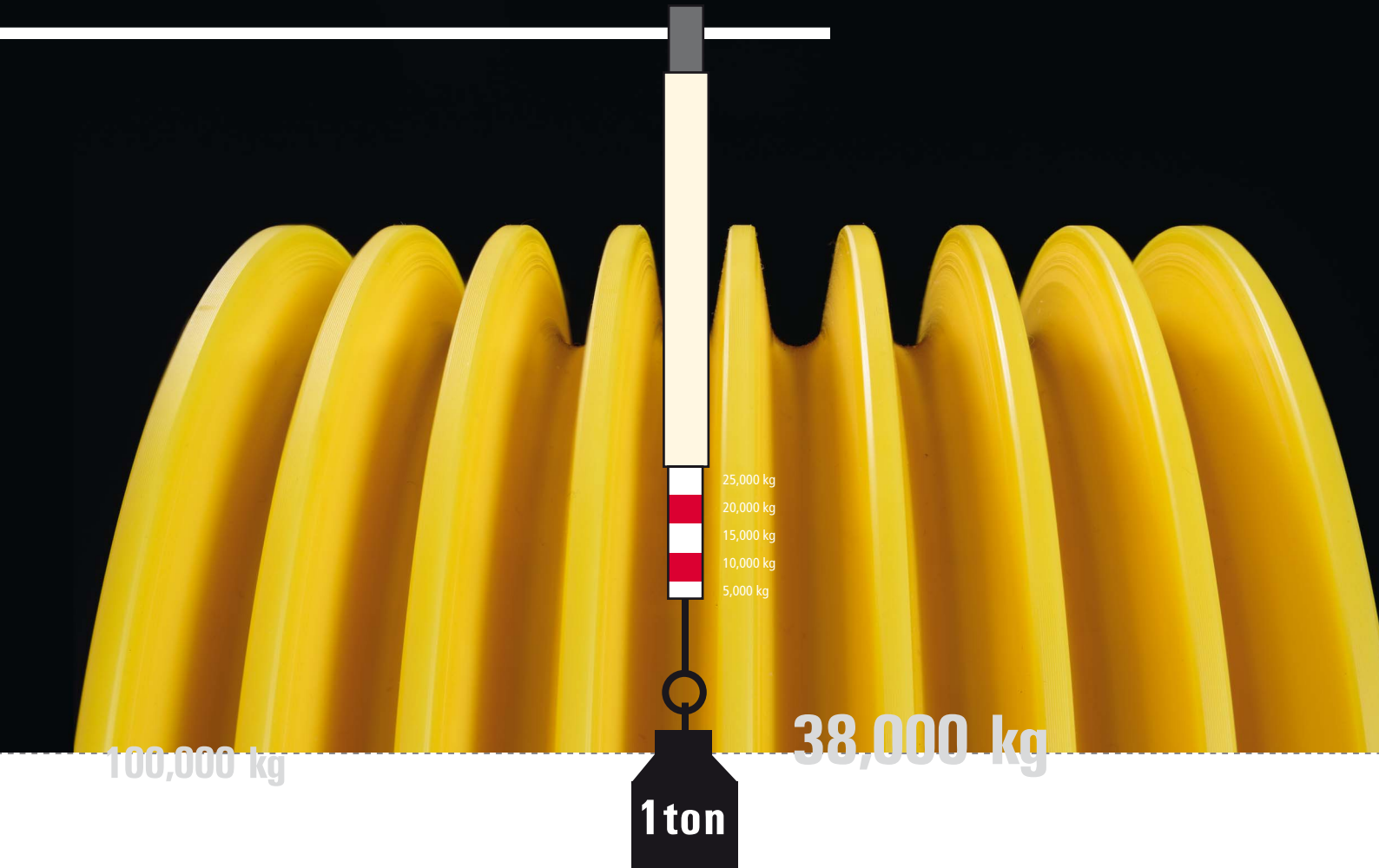
Accessories made of Cast Polyamide such as handwheels, sheaves for speed control and measuring systems or guide wheels are proven to be extremely resilient. The individual parts are lightweight so that a low momentum and a reduced tendency to run after the elevator has stopped is achieved. Balancing of the parts is not necessary.

And another plus: The accessories are corrosion resistant. All parts are available in yellow color so that time and cost intensive painting is not necessary. The accessories are available as standard parts or can be produced to customer specifications.



WEIGHT

With us an enormous amount of weight can be saved. Even the largest parts are stable and durable.



Because **the components used in elevator construction** must meet the highest requirements, we use the materials Caprocast and Cast Polyamide. They are extremely strong, very durable and very lightweight. Additionally, components made from these materials run quietly – an important characteristic for elevators.

Using the best materials from our own plastics production along with a modern machine park, we produce **pulleys, elevator door wheels, handwheels, sheaves for systems with speed limits and speed measurements and guide rolls: precise, fast, economical** – and in consistently good quality. Our manufacturing and machining capabilities belong to the top group of global companies.

- Germany:** Licharz GmbH
Industriepark Nord | D-53567 Buchholz | Germany
Telephone: +49 (0) 2683 - 977 0 | Fax: +49 (0) 2683 - 977 111
Internet: www.licharz.de | E-Mail: info@licharz.de
- France:** Licharz eurl.
Z.I. de Leveau – Entrée G | F-38200 Vienne | France
Téléphone: +33 (0) 4 74 31 87 08 | Fax: +33 (0) 4 74 31 87 07
Internet: www.licharz.fr | E-Mail: info@licharz.fr
- England:** Licharz Ltd.
34 Lanchester Way | Royal Oak Industrial Estate | Daventry, NN11 8PH | Great Britain
Phone: +44 (0) 1327 877 500 | Fax: +44 (0) 1327 877 333
Internet: www.licharz.co.uk | E-Mail: sales@licharz.co.uk
- China:** Licharz Shanghai Office
Room 712, Tower 1, German Centre No. 88 Ke Yuan Road Pudong New Area |
201203 Shanghai | China
Phone: +86 21-28986171 | Fax: +86 21-28986170
Internet: www.licharz-plastics.com.cn | E-Mail: info@licharz-plastics.com.cn

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EXACTLY YOUR SOLUTION:

We think with you from the beginning!

We advise you in the use of plastics and develop your component with you:

- We check application conditions on your machine.
- We check your design drawing.
- We recommend the material and the production method.
- We make your prototypes for you.

You receive your product quickly and economically, exactly as you need it!