



## Mosca GmbH

### Foundation

- 1966

### Employees

- 850

### Branches

- Corrugated Cardboard & Paper Industry
- Mail Order & Logistics
- Construction & Ceramics Industry
- Food & Beverage Industry
- Newspaper & Graphics Industry

### Key products

- Strapping machines
- Strapping materials
- ECO-Strap

# MOSCA®

## EXCELLENCE IN STRAPPING SOLUTIONS

### Company

Mosca GmbH is a system supplier, developer and producer of high-quality strapping machines, strapping materials and safety systems for transporting goods for professional and industrial use. The machine portfolio ranges from universal devices with a wide range of applications, to fully automated high-performance machines that can be integrated into any higher-level automation line. Mosca produces strapping material out of PP and PET in one of the most modern sites in Europe. Mosca's international distribution, service and consulting network enables global service for customers. The family company was founded in 1966 and is based in Waldbrunn between Heidelberg and Heilbronn, Germany. In 16 offices worldwide, Mosca employs around 850 employees. With continuous new developments, the strapping experts have maintained quality and technology leadership in the strapping sector for 50 years. Further information can be found at

[www.mosca.com](http://www.mosca.com)

### Continuous Sustainability

Since 2008, we have produced our high quality plastic strapping material in one of the most modern production plants in Europe, located in Muckental not far away from the company Headquarters. Right from the beginning, sustainability was a key factor in the planning, construction and operation of the plant in Muckental.

In Muckental PET strap is made from 100% recycled material: The so-called "bottle flakes" are a result of recycled plastic bottles coming from of the empties of discounters. After processing, the recyclable raw material becomes a premium new product: depending on the width, the mostly green-coloured PET strap withstands loads between 180 and 600 kg. The waste or scrap material automatically generated during production is again returned for re-use via a shredding system.

According to a statement by the recycling service provider Interseroh, the use of the recycled material saves about 85 % of the CO<sub>2</sub> emissions compared with primary processes – these are about 2.5 t of CO<sub>2</sub> per t of produced material as opposed to the use of virgin material. The savings made over a year are equivalent to the annual amount of CO<sub>2</sub> filtrated from the air by a 500 ha forest.

## Our Eco-Strap – The Bio-Strap

Plastics from renewable resources are coming more and more into the focus of the packaging industry. As the world's first strapping material manufacturer, Mosca took up this challenge. With our Eco-Strap which is produced of the natural material polylactid acid (PLA), we have already made the first step in this direction. Currently the Eco-Strap is available in a strap width of 5 mm, other dimensions in 8 and 12 mm will nearly be launched. Using biobased plastics extensively minimizes the fossil fuel consumption. This is accompanied by a significant reduction of greenhouse gas emissions. A further advantage of this raw material is that it is fully compostable. After 12 weeks, our Eco-Strap is completely degraded under the conditions of an industrial composting facility. A new milestone in the strapping industry has been set with the launch of our biological Eco-Strap. In fact, a complete conversion to packaging material made of bioplastics will still last some more years – but for Mosca the future has already begun!



Width: 5mm  
Size: 0,40mm  
Core: 200/190mm  
Standard colour: beige  
Min. tensile strength: 17 kg  
Coil length: 7.000m



### Mosca GmbH

#### Contact

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