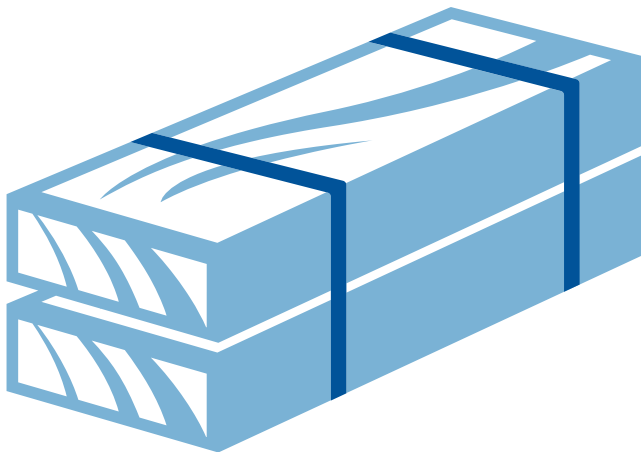


Timber industry



Timber Industry



Industry characteristics

Construction materials, such as timber, are usually heavy, often bulky and sharp-edged. Stable strapping solutions that can withstand heavy loads in the long term are needed to guarantee reliable securing of goods for transport. In combination with our PP strapping for small bundle products and PET for particularly robust products, our machines are perfectly suited for use in the timber industry: stable strapping with maximum availability. To ensure that your timber products arrive at your customers in the best condition, we offer a package of options for our machines that are specially tailored to the timber industry.

On the following pages there is an overview of our range of machines for the timber industry. We offer a consultative approach to help you find the perfect solution for your application as a complete package, including suitable strapping materials and a flexible maintenance offering.

Mosca – your system supplier for strapping applications

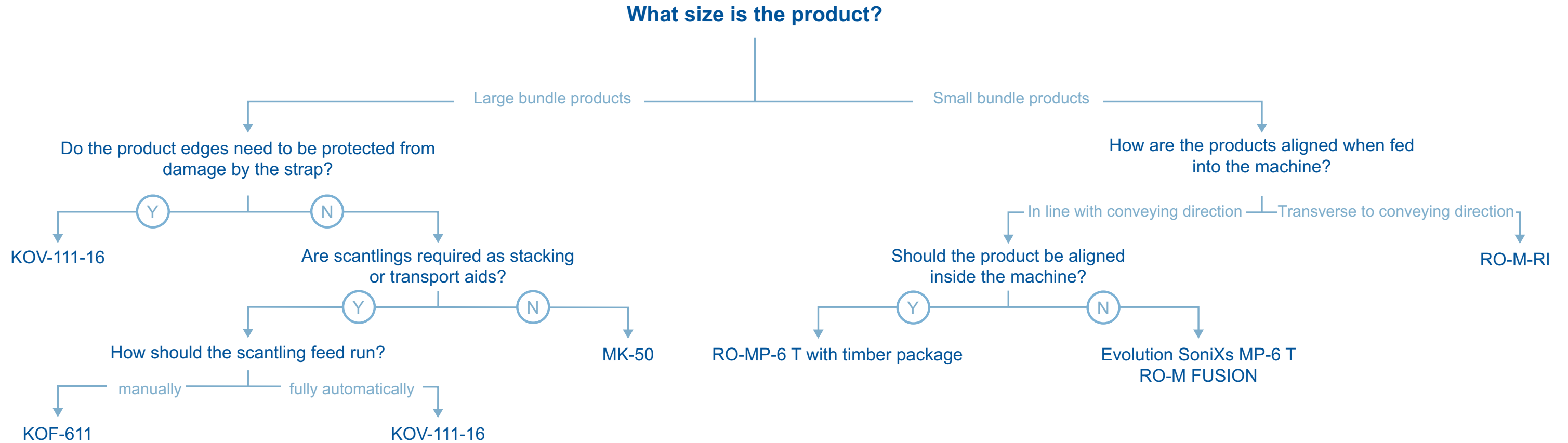
At Mosca we rely on the philosophy that the one-stop shop principle brings about a lot of advantages for our customers. We ensure the longevity of our machines through regular maintenance.

As part of our ONE Service concept we offer you a global service network that is unique in the industry. More than 100 Mosca service technicians and over 30 additional specialists employed by partners all over the world ensure that our strapping machines run perfectly at every location. A central system across countries incorporates information on machines and maintenance intervals. This means we can work closely with you to significantly extend the service life of your machines. It also enables preventive maintenance to avoid breakdowns by using data evaluation.

But ONE Service goes far beyond maintenance and repair. It includes installations, relocations, technical training, and technical expert meetings focusing on the potential to optimize strapping machines. Our focus is always on your wishes and individual requirements. We work together with you to develop the best possible strapping solution.

In addition to strapping machines and their maintenance, we attach high priority to the plastic strapping material made from Polypropylene (PP) and Polyester (PET). Since 2008 we have produced strap in one of the most modern fully automatic plants in Europe.

Product Finder



Machine Overview



RO-M Fusion

- Automatic strapping machine
- Fully rotating operator panel allows operation from every side
- Sturdy foot pedal for cycle release
- E-package: Automatic cycle release via light sensor
- Strap end detection with ejection of remaining strap



Automatic



Heat-weld
Standard 3
sealing unit



600 x 500 mm
800 x 600 mm
1250 x 600 mm



Up to 55 cycles
per minute



Evolution SoniXs MP-6 T

- Automatic strapping machine
- Integration into fully automatic timber production lines possible
- Fully rotating operator panel allows operation from every side
- Easy accessibility and tool-free disassembly of strap way components
- Strapping release via foot pedal or operator panel
- Optional: Narrow sealing unit with electronic temperature control for strapping of narrow products (from 65 mm)



Fully
automatic



Automatic



SoniXs
Standard 6
sealing unit



Up to 1650 mm
width



Up to 58 cycles
per minute



RO-MP-6 T with timber package

- Automatic strapping machine
- Integration into fully automatic timber production lines possible
- Strapping release via foot pedal or operator panel
- Narrow sealing unit with electronic temperature control for strapping of narrow products (from 65 mm)
- Equipped with hold-down device and side pusher



Fully
automatic



Automatic



Heat-weld
Standard 6 narrow
sealing unit



500 x 400 mm
600 x 600 mm



Up to 35 cycles
per minute



RO-M-RI

- Strapping machine with ring-shaped strap feed arch
- Integration into fully automatic timber production lines possible
- Strapping release via foot pedal or operator panel
- Automatic strap loop ejection and quick strap coil change
- Narrow sealing unit with electronic temperature control for strapping of narrow products (from 65 mm)
- Product alignment transverse to conveying direction



Fully
automatic



Automatic



Heat-weld
Standard 3 narrow
sealing unit

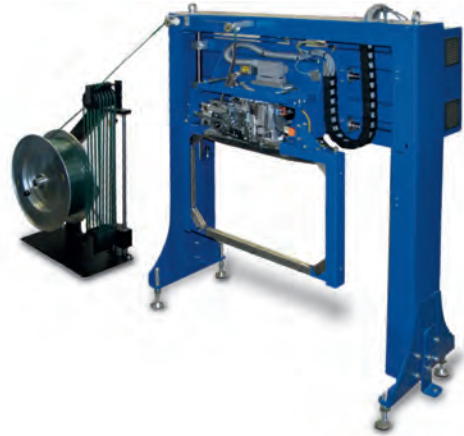


550 mm width



Up to 18 cycles
per minute

Machine Overview



MK-50

- Fully automatic strapping machine for the timber industry for strapping of non-palletized products
- Less susceptible to wear and malfunction due to encapsulated bearings and the use of electromechanical components
- Strap tension up to 2500 N, strap width up to 12 mm



Fully automatic



SoniXs sealing unit



Up to 500 mm width



Up to 6 cycles per minute



KOF-611

- Automatic strapping machine
- Integration into fully automatic timber production lines possible
- Bottom mounted sealing unit, either in the centre or at the side
- Programmable Siemens SPS control with operation button
- Complete electric control for automatic and semi-automatic operation in the operator panel
- Strap tension up to 2500 N, strap width up to 15,5 mm



Fully automatic



Automatic



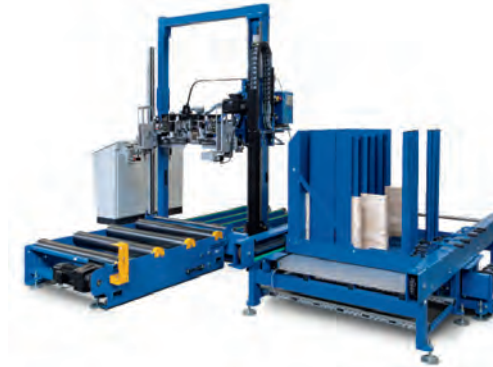
KSR-2 sealing unit



1200 x 800 mm
1200 x 1300 mm
1700 x 1300 mm



Up to 5 cycles per minute



KOV-111-16

- Fully automatic pallet strapping machine
- Can be integrated in any processing line
- Single column design with robust steel construction
- Weight-neutral strap take-off and strap accumulator
- Top-mounted SoniXs sealing unit
- Automatic height detection of the package height
- Edge protector feeder to protect the products
- Scantling device for product protection and transport handling
- Strap tension up to 7000 N, strap width up to 19 mm



Fully automatic



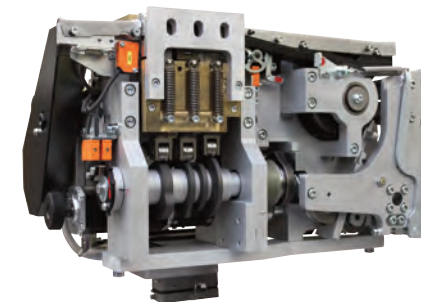
HL-sealing unit



1600 mm width



Up to 5 cycles per minute



HL-Sealing Unit

- High performance friction welding unit for high strap tension
- Strap tension infinitely adjustable from 200 – 5000 N
- For PET and PP strap from 12 – 19 mm
- Quiet and maintenance-free friction sealing
- Sealing guarantee by strap control switch
- Applicable in vertical and horizontal position
- High safety due to minimum strap overlap at the sealing joint
- Minimized abrasion due to casings of bearings and guides

Icon Key

Icon Key



Mosca strapping machines for the timber industry are equipped with different types of sealing units: the state-of-the-art Standard 6 sealer is available both with Mosca's SoniXs ultrasonic system as well as with a temperature-controlled heat-sealing unit. For bigger and heavier products we use our KSR sealing unit, the HL-sealing unit or the SoniXs sealing unit for pallet strapping applications.



Mosca strapping machines are available in many different frame sizes. For detailed information about all individual specifications, please refer to our sales staff or the technical data sheets on our website www.mosca.com.



The BPM (Bundles per Minute) factor indicates the maximum number of single or double strapped products per minute. It depends on several criteria such as frame size, conveying speed, strap width, product size and additional options.

Level of Automation



The product is transported and strapped by the strapping system's integral conveyors and controls without any operator involvement, or in some cases by signal exchange with an external controller.



Requires an operator to feed the product into the strapping machine and to release the fully automatic strapping cycle via foot pedal, operator panel or light sensor.

Proud to work with





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