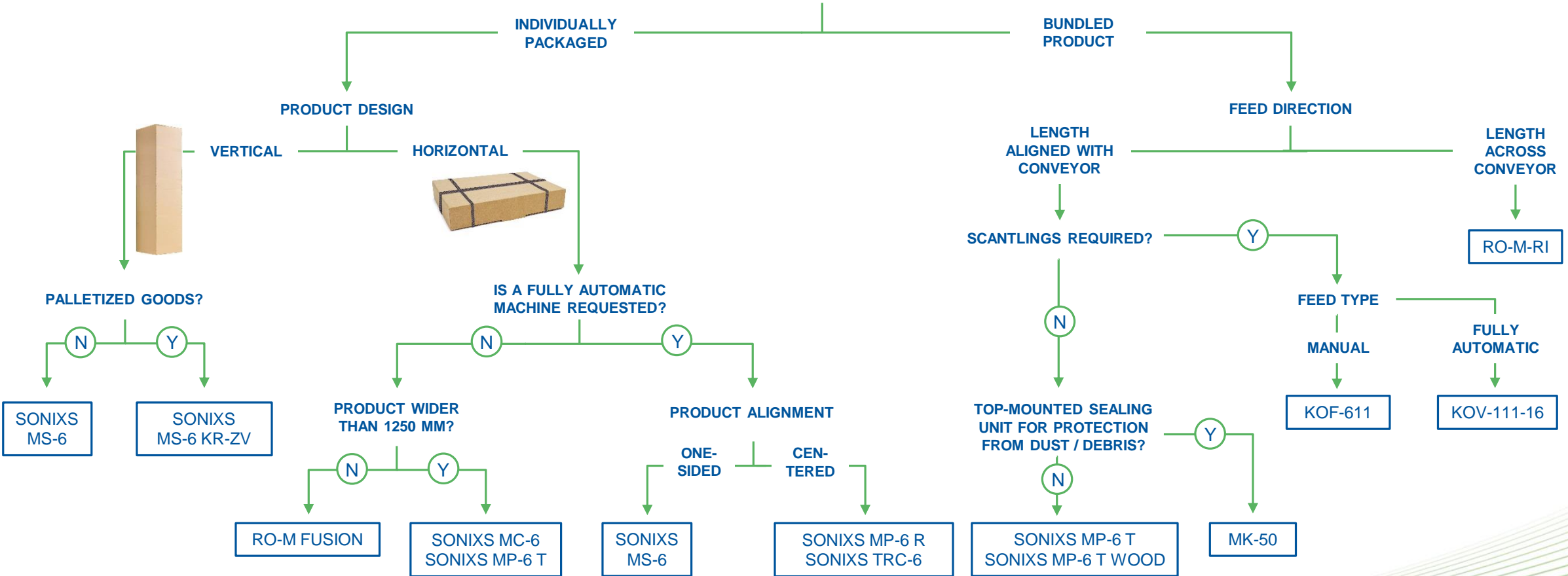


Timber Products & Furniture

INDUSTRY MACHINE GUIDE

MOSCA MACHINE SELECTION GUIDE

IS YOUR PRODUCT INDIVIDUALLY PACKAGED (DOORS, WINDOW FRAMES, FURNITURE) OR BUNDLED (PLYWOOD, FLOORING, WOODEN PLANKS)?



MOSCA MACHINE OVERVIEW – TIMBER / FURNITURE



RO-M FUSION

- Economical machine with sturdy design
- Flexible operation from both sides
- Cost savings with narrow strap sizes (5mm)
- *Super Soft Strapping* mode for delicate packages



Manual



Standard
3 Sealer



Up to
1250mm
wide



SONIXS MC-6

- SoniXs ultrasonic sealing technology
- Optional hold-down device for strap positioning and slight product compression
- Easy accessibility and tool-free disassembly of strap way components
- Bottom seal bundler with centered sealing unit



Manual



Standard
6 Sealer



Up to
2600mm
wide



SONIXS MP-6 T

- SoniXs ultrasonic sealing technology
- Optional hold-down device for strap positioning and slight product compression
- Easy accessibility and tool-free disassembly of strap way components



Manual



Standard
6 Sealer



Up to
1650mm
wide



RO-MP-6 T WOOD

- Temperature controlled heat-sealing technology
- Special sealing unit for strapping narrow products (65 mm or more in width) at high strap tension
- Includes side-pusher and hold-down device



Fully
Automatic



Manual



Standard
6 Sealer



500mm
wide

MOSCA MACHINE OVERVIEW – TIMBER / FURNITURE



RO-M-RI

- Temperature controlled heat-sealing technology
- Special retractable ring-shaped strap feed arch
- Special sealing unit for strapping narrow products at high strap tension



Fully Automatic



Standard 3 Sealer



SONIXS MP-6 R

- SoniXs ultrasonic sealing technology
- Easy accessibility and tool-free disassembly of strap way components
- Optional automatic strap tension adjustment by product height detection
- Easy integration into automated production lines
- Ideal for heavy products (> 30 kg)



Fully Automatic



Standard 6 Sealer



Up to 1000mm wide



Up to 35 Single



MK-50

- Optionally available with SoniXs ultrasonic or HL sealing unit
- Ideal for strapping non-palletized products
- Encapsulated bearings and electromechanical components protect it from wear and malfunction.



Fully Automatic



KSR-2 Sealer



Up to 900mm wide



Cycle Time: 12 sec.



SONIXS MS-6

- SoniXs ultrasonic sealing technology
- Optional dual strap dispenser for increased uptime by fully automatic coil changes
- Particularly suited for heavy products transported closely to the ground
- Usable both manually and in automated lines
- Available in 10 different frame sizes, up to a height of 1800 mm



Fully Automatic



Manual



Standard 6 Sealer



Up to 1650mm wide

MOSCA MACHINE OVERVIEW – TIMBER / FURNITURE



SONIXS MS-6 KR-ZV

- SoniXs ultrasonic sealing technology
- Optional dual strap dispenser for increased uptime by fully automatic coil changes
- Runs both selected PP and PET straps
- Strap lance for pallet strapping
- Usable both manually and in automated lines
- Large variety of different frame sizes provide high versatility; max. height of 2800 mm



Fully Automatic



Manual



Standard 6 Sealer



Up to 1500mm wide



SONIXS TRC-6

- SoniXs ultrasonic sealing technology
- Optional dual strap dispenser for increased uptime by fully automatic coil changes
- Hold-down device for strap positioning and slight product compression included
- Optional package stop for product positioning



Fully Automatic



Standard 6 Sealer



Up to 2600mm wide



25 Single 15 Double



KOF-611

- Bottom mounted sealing unit, optionally in the center or out of center
- Optionally available with SoniXs ultrasonic or HL sealing unit
- Runs PET strap in width between 9.5 to 19 mm
- Optional manual feed of scantlings



Manual



KSR-2 Sealer



Up to 1700mm wide



Cycle time: 12 sec.



KOV-111-16

- Ideal for strapping large-volume timber products
- Optional fully automatic feed of scantlings and edge protection
- Magazine can hold 75 scantlings with up to five different lengths at the same time
- Runs PET strap in widths up to 19 mm and a thickness of up to 1.3 mm



Fully Automatic



HL Sealer



1600 mm wide



Cycle time: 13 sec.

MOSCA MACHINE INFORMATION

ICON KEY



Mosca strapping machines for the furniture, woodworking and timber processing industries can be equipped with different types of sealing units: The state-of-the-art Standard 6 Sealer is available both with Mosca's proprietary SoniXs ultrasonic system as well as with a temperature-controlled heat-sealing unit. The proven and trusted Standard 3 Sealer also features our temperature-controlled heat-sealing technology. Our SoniXs ultrasonic sealing unit is also available for large strapping systems achieving a strap tension of 2500N. Apart from that, both the HL and the KSR-2 sealing units use friction welding technology to seal strap ends. While the KSR-2 reaches a tension of 2500N and seals straps of up to 16 mm width, the HL sealing unit can strap consumables as wide as 19mm and achieves up to 7000N strap tension.



Mosca strapping machines are available in up to 10 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 amount of single or double strapped products per minute, while the Cycle Time describes the duration of one completed strapping cycle. Both values depend on several criteria such as frame size, conveying speed, strap width, product size or additional options.

LEVEL OF AUTOMATION



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



Requires an operator to move the product onto a powered conveyor after which sensors and adjustable timers automatically move the product through the strapping zone, initiating the strap cycle and controlling strap position(s).



An operator initiates the strapping cycle with a footswitch, push button or photo-eye.

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