



CUMASIX 1300

Specifications

Cutting Speed:	up to 1.2m/sec (4'/sec)
Cutting Width:	1300mm (51")
Cutting Length:	up to 8000mm (26')
Machine width (without / with rewriter):	1650 / 1850 mm (65" / 73")
Table height:	900mm (35 1/2")
Machine length:	Cutting length + 1600mm (+ 5')
Power required:	3 phase 203 – 220 vac, 10 amp
Compressed Air:	6 bar / 30l/min (100psi / 1 cu.ft/min)
Ultrasonic Generator:	35 kHz / 600W
Operating Temperature:	18 – 35 C (65 – 95 F)
Operating System:	Windows / XP

Advantages of Ultrasonic Cutting with the Cumasix

- Simple and easy operation via Touchscreen
- Efficient, single person operation
- Entry of basic awning dimensions only – computerized fabric width measurement and calculation of cutting dimensions.
- High productivity since material is slit lengthwise automatically as it is pulled to length.
- Precise, automatic positioning of length cutter.
- Eliminates squaring / re-cutting after awning is assembled.
- Cut edges are sealed by Ultrasonic cutting – eliminates frayed edges.
- Long life ultrasonic tooling reduces downtime compared to conventional cutting tools.
- Low energy consumption, no fumes from ultrasonic cutting.
- Low air / electricity usage – no vacuum table is required.
- Optional fast, wrinkle free re-rolling of the cut material in lengthwise direction, ready for seaming operations without unrolling.
- Optional Network connection to customer order system eliminates data entry errors and provides cutting data for subsequent automated operations – e.g. valance shape cutting.

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CUMASIX 1300

COMPUTERIZED CUTTING SYSTEM FOR AWNING COVERS

For over 2 decades, Jentschmann A.G. has designed and built cutting, sewing, and welding / gluing technologies for awning covers, window shades and other textile markets.

Constant innovation in partnership with the industry allows Jentschmann A.G. to deliver the most reliable, productive and comprehensive systems for awning manufacturers.

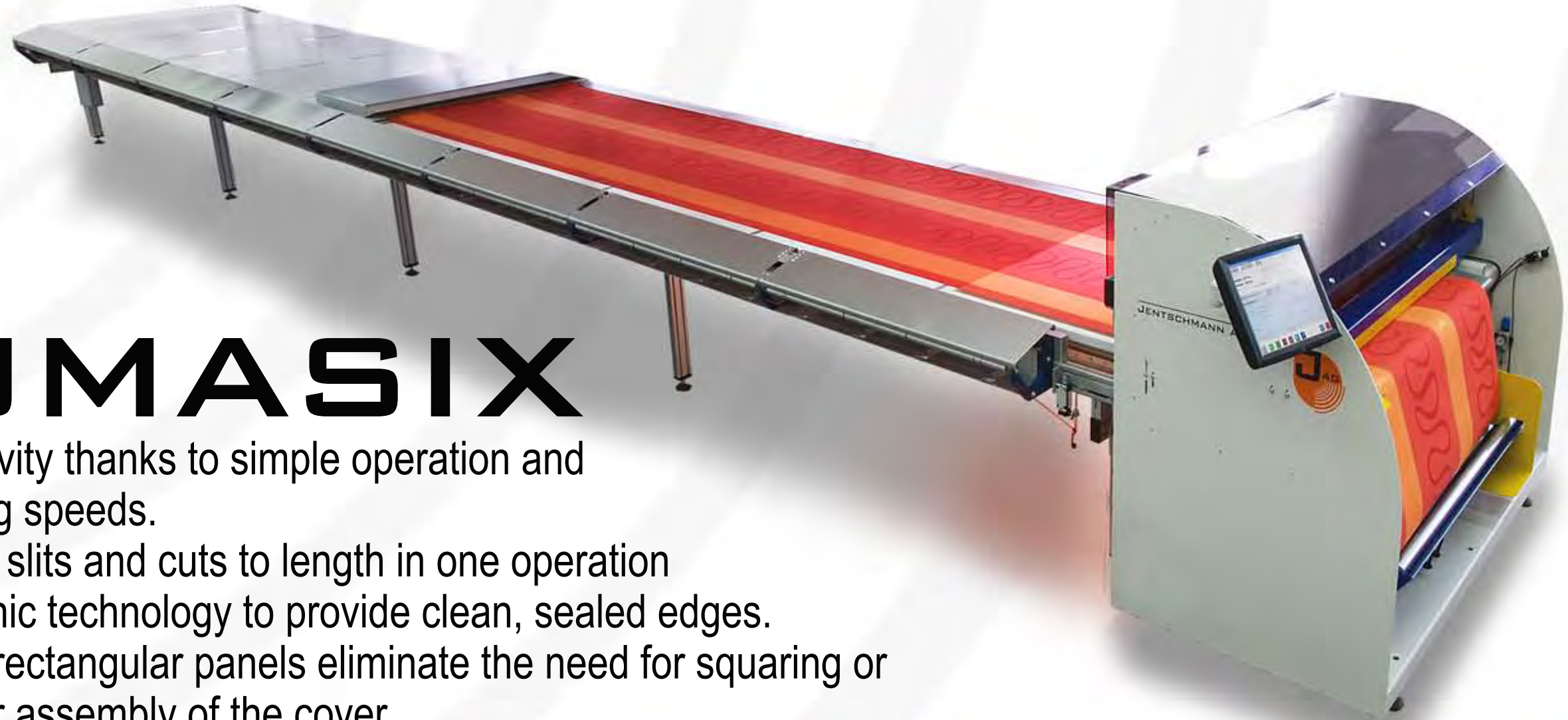
You can be confident that your investment will be profitable and secure today, and in the future.



CUMASIX 1300



The latest generation computerized cutting system for awnings and other technical textiles.

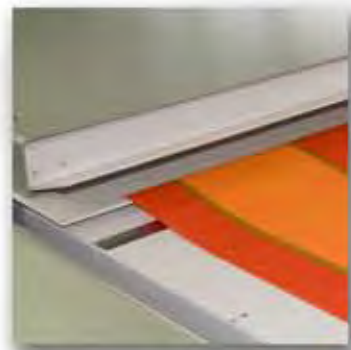


CUMASIX

High productivity thanks to simple operation and high operating speeds.

The Cumasix slits and cuts to length in one operation using ultrasonic technology to provide clean, sealed edges.

The precise, rectangular panels eliminate the need for squaring or trimming after assembly of the cover.



Fabric puller grips the fabric across the entire width to provide accurate and repeatable lengths (+/- 1mm / 0.04")



Optional high speed fabric re-winder rolls cut pieces onto one another without wrinkles. Panels are rolled lengthwise ready for seaming operation.



Light table built into the machine table allows visual inspection for fabric flaws. Optionally, machine can be equipped with sensors to detect flaw tags.



Operator friendly Touchscreen allows direct entry of finished awning dimensions on graphic display.



Ultrasonic cutting on both length and cross cuts provides clean, sealed edges. Integrated optic sensor measures fabric width so that cutting dimensions are automatically calculated.



Optical edge alignment sensor ensures that reference edge of fabric is kept aligned to ensure perfectly straight, rectangular cuts.



Fabric roll is automatically secured to prevent roll drift during fabric pulling.



Comfortable working height allows fast and easy feeding of fabric into the machine when changing rolls.