



MATIC

HELIOS PLUS - LASER CUTTING

The perfect solution for high speed production



Improve your output and quality with the newest generation of Laser cutting solution made by Matic.

Cutting machine Specifications:

- Fully Automatic Laser Cutter - Seals the edge and eliminates fraying
- Cutting width 3,3m or 5 m width
- Cutting length : 3,3m
- Cutting speed up to 1,5m/sec
- Cutting accuracy +/-0,1mm
- Laser Power 120 Watt – Air-cooled (no maintenance)
- Laser Power adjustable according to fabrics.
- High Speed Conveyor Belt System – Advances the fabric, keeps it flat, eliminates waves on the surface
- Scanning system – Speeds up the set-up process and Increases production capacity
- Up to 1m/sec. scanning speed
- Scanning system integrated in the cutting bridge –The only way to get a 100% precise measurement and location on the print image.
- Unwinding and Edge Control Unit – Tension free handling eliminates distortion and ensures a perfectly accurate cut
- Unassisted Operation – After loading, cuts a full roll of fabric without involving an operator
- Intelligent Software – Eliminates manual measuring and compensates for shrinkage created during the printing and calendaring process
- Versatile Scanning System – Scans and Cuts according to registration marks or by scanning the printed shape's contour
- Distance between Laser and lens is always the same. No flying mirrors therefore always perfect warranty of cutting quality.
- Self- cleaning conveyor belt due to brushes.
- Self- alignment during loading process of new roll
- Possible to use existing shaft of printer or Calendrer to be more efficient
- Clean and Safe Smoke Removal System – No smoke residue during the cutting process
- Ideal For - Production of Soft Signage, Exhibits, Flags, Home decor, Apparel, Fashion, Architectural Design, Industrial Textiles
- Low Operation and Maintenance Cost - No need of changing conveyor belt, knives, etc.
- Remote Maintenance for quick trouble shooting
- CE- Certified
- Security light barriers for safety

-Optional: additional conveyor belt for pick up the cut piece

-Optional: motorized Rollup device

