LECTRA ®
Fashion

VECTORFootwear

i-series

Specially designed for cutting footwear textiles, the range of VectorFootwear cutters provides a high level of flexibility and guarantees an unequalled quality of cut.

VECTORFootwear iX

Cutting quality & performance

- Optimized cutting of tangent pieces
- Dynamic vacuum control
- Video-assisted spread control
- Digital blade compensation system
- Built-in blade sensors with automatic calibration**

Anti-error systems

- Blade breakage detection
- Automatic spread-height control
- Automatic cutting path optimization
- Offloading help

VECTORFootwear iX6

(**) VectorFootwear iX6 only

Photo(s) for illustration purposes only

Eco footprint

- Energy saving
- Restart after power cut
- Automatic energy conservation
- Permanent bristle block cleaner**
- Long life consumables
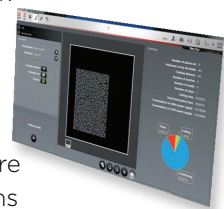
Visual management

- Light indicators
- Electric consumption metrics
- Real time process tracking
- Vacuum & blade real-time status indicators
- Blade wear display
- Cutting dashboard

Uptime management

- Predictive maintenance enabled by more than 180 built-in sensors
- Remote support
- Auto-diagnostics of electronic cards
- Warning messages for preventive maintenance
- Electronic maintenance logbook

User friendliness

- Touch screen interface
- Intuitive and ergonomic software
- Regular cutting of fabric remains

Process-oriented operating software

- Automatic cutting window calculation
- Pre-programmed cutting parameters
- Marker job queue
- Digitally-controlled material hold vacuum
- Programmable sharpening system

EQUIPMENT	iX	iX6
Dynamic vacuum control	standard	standard
Video-assisted spread control	standard	standard
Dual high speed drilling unit with drill waste vacuum	option	standard
Exhaust system	option	standard
Underlay paper holder	standard	standard
Offloading device	option	option
Barcode reader	option	option
Safety Radar Guard	option	option

PERFORMANCE		
Compressed fabric height	2.5cm (up to 24 plies)	6cm (up to 60 plies)
Cutting speed (max)	80m/min	80m/min
Maximum acceleration	8m/s^2	8m/s^2
Vibration frequency (rpm)	6000	6000
Effective cutting window length	1.5m	1.8m
Effective cutting window width	72" – 1.82m	71" – 1.8m
Average power consumption	< 9kW	< 15kW

SPECIFICATIONS		
Overall Length (m)	3.82	4.81
Overall Width (inch/meter)	103" – 2.62m	102" – 2.60m
Table height (cm)	75.7 – 90.7	79 – 90
Blade size	1.5 x 5	2 x 7
Drilling units speed	4700 rev/min	
Noise level	< 77dB	< 75dB
Installed electrical power (max)	15kW	45kW
Weight (kg)	2430	3840
Machine controls placement	Right or Left	
Safety devices	Emergency stop	
Temperature	10° - 43°C	
Humidity (at 30° without condensation)	< 95%	
Compatibility	RS274D, DXF, Lectra and other Footwear CAD formats	
Operating system	WINDOWS	

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