LECTRA®

VECTORFashion

iQ-Series

VECTOR Fashion iQ50   VECTOR Fashion iQ80

Cutting Quality & Performance

- Optimized cutting of tangent pieces
- Digital blade compensation system
- Built-in blade sensors with automatic calibration
- Cutting while conveyor advances (Eclipse patent)

Anti-Error System

- Automatic spread height control
- Automatic cutting path optimization

Eco Footprint

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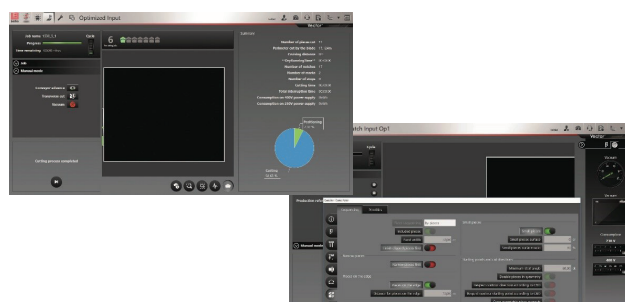- Long life consumables

User Friendliness

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

Visual Management

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

Uptime Management

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

Process-Oriented Operating software

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

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Equipment	VECTOR Fashion iQ50	VECTOR Fashion iQ80
Heated drill	STANDARD	
Exhaust system		
Underlay paper holder		
Blade cooling device	OPTION	
Offloading device		
Lateral transfer system		
Barcode reader		
Conveyor synchronization		
Identification device (Postprint)		

Performance

Compressed fabric height	5cm	8cm
Cutting speed (max)	60m/min	
Maximum acceleration	4m/s^2	
Vibration frequency (rpm)	3500	
Effective cutting window length	1.7m	
Effective cutting window width	71"–1.8m / 86"–2.2m	
Average power consumption	< 15kW	

Specifications

Overall Length (m)	4.81m
Overall Width (inch / meter)	102"– 2.60m / 118"–3.00m
Table height (cm)	79–90cm
Noise level	< 73dB
Installed electrical power (max)	30kW
Weight (kg)	3 840 / 4320
Machine controls placement	Right or Left
Safety devices	Emergency stop
Temperature	10°- 43°C
Humidity (at 30° without condensation)	< 95%
Compatibility	ISO 6983AAMA, RS274D,DXF, Lectra and Investronica formats
Operating system	WINDOWS

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