

# VECTOR Fashion

## iQ-Series



### 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

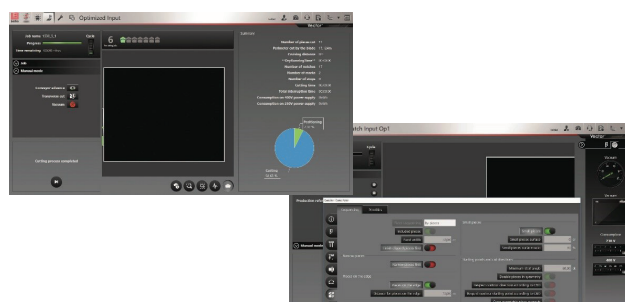
- Touch screen interface
- Intuitive and ergonomic software
- Regular cutting of fabric remains

### 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

Equipment	VECTOR Fashion iQ50	VECTOR Fashion iQ90
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 <sup>2</sup>	
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	

#### About Lectra

For forward-looking companies that breathe life into our wardrobes, car interiors, furniture and more, Lectra is committed to crafting the premium technologies that facilitate the digital transformation of their industry. Lectra's offer empowers brands, manufacturers and retailers from design to production, providing them with the market respect and peace of mind they deserve. Supporting the fashion and apparel industry, Lectra offers PLM and CAD software, cutting room solutions and expert services to create, develop and produce garments, accessories and footwear. Founded in 1973, today Lectra has 32 subsidiaries across the globe, serving customers in over 100 countries. With more than 1,700 employees, Lectra reported revenues of \$333 million in 2018. Lectra is listed on Euronext (LSS).

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