

# VECTOR Fashion

## Lingerie iX-series

**VECTOR**  
Lingerie iX6

**VECTOR**  
Lingerie iX



## Cutting Quality & Performance

- Optimized cutting of delicate fabrics
- Dynamic vacuum control
- Video-assisted spread control
- Digital blade compensation system\*
- Built-in blade sensors with automatic calibration\*
- Cutting while conveyor advances (Eclipse patent)

## Anti-Error System

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

## User Friendliness

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

## 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 activity status indicators
- Blade wear display
- Cutting dashboard

## Uptime Management

- Smart services technology
- Predictive maintenance
- Remote support
- Auto-diagnostics of electronic cards
- Warning messages for preventive maintenance
- Electronic maintenance logbook

## 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



(\*) VectorLingerie iX6 only  
Photo(s) for illustration purposes only

| Equipment                              | VECTOR<br>Lingerie <b>iX</b>                              | VECTOR<br>Lingerie <b>iX6</b> |
|--|---|-------------------------------|
| Dynamic vacuum control                 | STANDARD  |                               |
| Video-assisted spread control          |   |                               |
| Heated drill                           |   |                               |
| Exhaust system                         | OPTION  | STANDARD                      |
| Underlay paper holder                  |   |                               |
| Offloading device                      | OPTION  |                               |
| Blade cooling device                   |   |                               |
| Lateral transfer system                |   |                               |
| Barcode reader                         |   |                               |
| Conveyor synchronization               |   |                               |
| Performance                            |   |                               |
| Compressed fabric height               | 2.5 cm  | 6 cm                          |
| Cutting speed (max)                    | 80 m/min  | 80m/min                       |
| Maximum acceleration                   | 8m/s <sup>2</sup>   | 8m/s <sup>2</sup>             |
| Vibration frequency (rpm)              | 6000  | 6000                          |
| Effective cutting window length        | 1.7m  | 1.7m                          |
| Effective cutting window width         | 72" - 1.82m   | 71"-1.8m / 86"-2.2m           |
| Average power consumption              | < 9 kW  | < 15 kW                       |
| Specifications                         |   |                               |
| Overall Length (m)                     | 3.82m   | 4.81m                         |
| Overall Width (inch / meter)           | 103"- 2.62m   | 102"- 2.60/118"- 3.00         |
| Table height (cm)                      | 75,7-90,7   | 79-90                         |
| Noise level                            | < 77 dB   | < 73dB                        |
| Installed electrical power (max)       | 15 kW   | 45 kW                         |
| Weight (kg)                            | 2 430   | 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 7   |                               |

#### 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).

**LECTRA**