

IN STOCK

VFL-1D/20

LiSEC - Sealing robot, 2009

VFL-1D/20 (2009)

Technical Specifications:

Manufacturer: LiSEC
Machine Colour: LiSEC Blue
Running Direction: Right to Left
Glass Transport Inclination: 6°
Transport Height: 520 mm
Maximum IGU Length: 2,500 mm
Maximum IGU Height: 2,000 mm
Minimum Processing Length: 250 mm
Minimum Processing Height: 180 mm
Maximum IGU Thickness: 60 mm
Maximum Load Capacity: 250 kg/m
IGU Configuration: Double and triple glazing with double sealant run
Stepped IGUs: Not supported
Special Shapes: Not supported
Spacer Frame Inset: 0–30 mm, centrally positioned and step-by-step adjustable
Spacer Bar Cross-Section: D-shaped
Super Spacer Compatibility: Not included
Spacer Profile Scanning: Width and depth
Corner Correction: Bottom and upper-edge roller correction
Sealant Nozzle for Double Glazing: Air gap range of 6–24 mm
Triple-Glazing Sealant Nozzles: Not included
Nozzles for Double-Stepped Units: Not included
Additional Machining Options: None
Cleaning System: Chain cleaning brush
Flushing Agent: Variant 1 (E)
Operating Voltage: 400 V, 3/N/PE, 50 Hz
Connected Electrical Load: 10.00 kVA
Connected Power: 13.39 kW
Maximum Power Consumption: 6.50 kW
Full-Load Current: 14.43 A
Maximum Current of Largest Consumer: 11.73 A
Pneumatic Connection Pressure: 6.0 bar
Compressed Air Consumption: 110 l/min
Water Supply Pressure: 2.5 bar
Water Consumption with Regeneration: 0.004 l/min
Machine Height: 3,800 mm
Net Weight: 4,200 kg
Gross Weight: 4,450 kg
Transport Weight Allowance: 250 kg
Glass Transport Chain: Standard chain, 2.5 mm bed
Machine Position: End of the production line
Machine Language: Italian
Operating and Maintenance Manual Language: Italian
CE-Conformity: Yes
GPS Lineserver Connection: Not included



CATALOGO COMPLETO

MA-DE.SOLUTIONS/GLASSTEC

The LiSEC VFL-1D/20 is a CNC-controlled vertical industrial robot designed for the fully automated perimeter sealing of insulating glass units (IGUs). The system precisely extrudes and meters two-component sealants, including polysulphide, polyurethane and silicone, ensuring consistent filling, excellent joint quality and a flawless aesthetic finish, while maintaining the structural integrity of the sealed unit. Combining precision, reliability and advanced automation, the LiSEC VFL-1D/20 delivers high-quality sealing performance for both standard glass units and complex geometric shapes, meeting the demands of modern insulating glass production.

