



# Vulcan CNC

Vulcan series CNC milling machines are numerically professional controlled machines designed exclusively for the production of customized and standard computerized plantar orthosis.



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# Vulcan CNC

## TECHNICAL FEATURES

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### PHYSICAL DATA

- Dimensions:  
Three-axis cutter VX1 and VX1R: 82x91x104 cm  
TWINCAM four-axis milling cutter: 82x111x107 cm
- Weight:  
VX1 and VX1R: 150 Kg  
TWINCAM : 200 Kg
- Working area: 400x300x80 mm

### ELECTRICAL DATA

- Power supply: 220 V
- Maximum power consumption: VX1 and VX1R: 8,87 A  
TWINCAM: 14,10 A
- Maximum vacuum pump and suction absorption: VX1 and VX1R: 8.41 A  
TWINCAM (2 suction cups): 14.77 A

### CONNECTIVITY

Vulcan CNC milling machines can be connected to the PC via Ethernet cable.

### SOFTWARE

The Vulcan CNC milling machines operating software is compatible with plantar projects in the format ISO G- CODE.

### TECHNICAL FEATURES

- Brushless motors with machining accuracy up to 0.05 mm
- Up to 250 mm/sec machining speed with acceleration up to 2800 mm/sec<sup>2</sup>
- Asynchronous electrospindle 24000 g/min, controlled aspirator, for dust and working residues suction.
- Vacuum pump for panetti sealing without double-sided
- Milling machine on plates, modules and rough shapes of different sizes
- Milling of polyurethane panels for manual thermoforming of plantars

### CONFIGURATIONS

- Vulcan milling machines are available in three-axis versions:
- VX1
  - VX1 Reply
- And in the version with four axes and two independent spindles:
- TWINCAM