



FV33/271/1PA/VS



VERTICAL BALANCING MACHINE

General Specifications:

- ♦ Weight Capacity 1000 kg (3300 lb)
- ♦ Max. Rotor Dia. 1200 mm (47.2 inches)
- Number of Correction Planes –
 One (1) or Two (2)
- ♦ Maximum Sensitivity -

One Plane - 80 g mm (3.1 g in) Two Plane - 100 g mm (4 g in)

♦ Drive Motor Type –

Variable – DC 18 kW (24 HP) Variable Speed

♦ Balancing Speed –

Variable - 200 - 400 RPM

♦ Maximum Inertia –

Variable – $182 \text{ kg m}^2 (4319 \text{ lb ft}^2)$

- Rotor Attachment Flat horizontal mounting surface
- Angle Encoder for display of correction location
- Automated Angle Positioning
- ♦ Supplied with either 271 (One Plane) or 272 (Two Plane) Digital Instrument

Optional Accessories:

- Printer for Model 271 or 272 Instrument
- Model 276 Computer Based Instrument and Printer
- ♦ UV Vertical Drilling unit 16 mm (0.625 inches) diameter
- ♦ UO Horizontal Drilling unit 12 mm (0.5 inches) diameter
- ♦ Other Drilling or Milling units on request
- ♦ Fully Automated Correction
- ♦ Automated Rotor Attachment Air Actuated Centering Mandrel
- ♦ Safety Enclosures, Safety Guards

Standard Configurations:

With Digital Inst.	With Computer Inst.	Drive Type
FV33/271/1PA/VS	FV33/276/1PA/VS	1 Plane Variable Speed DC Motor
FV33/272/2PA/VS	FV33/276/2PA/VS	2 Plane Variable Speed DC Motor

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