

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 kg m² (4319 lb ft²)
- ◆ **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**



FV33/271/1PA/VS

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 |