

B Series - B50U

2300 kg (5000 lb) Capacity

Horizontal Balancing Machine Upgrade System



**HORIZONTAL AXIS, GENERAL PURPOSE, SOFT BEARING,
BALANCING MACHINE UPGRADE SYSTEM**

DESCRIPTION

The B50U Series Upgrade System allows the user to experience the value of an IRD® Balancing soft bearing machine by upgrading an existing balancing machine with new modular work support suspensions and roller work supports. Uses existing drive system and machine bed. Pedestal supports may need to be modified.

To install, the user cuts off the upper section of the existing work support pedestals and installs new Suspension Work Supports and Roller Work Supports on modified pedestals per the drawing provided. The existing bed, drive system and end thrust system are reused.



GENERAL SPECIFICATIONS

- **Max Weight Capacity:** 2300 kg (5000 lb)
- **Max. Rotor Dia:** Depends on existing machine
- **Max. Sensitivity:** 4 g mm (0.16 g in)
- **Standard Bed Length:** Depends on existing machine
- **Journal Dia Range:** 19 – 330 mm (0.75 – 13 in)
- **Journal to Journal Separation:** Depends on existing machine
- **Worksupport Roller Dimensions:** 80mm D x 35mm W (3.15" x 1.38")
- **Drive Type:** Can be used with existing End Drive or Underslung Belt Drive systems
- **B50U Kit Includes:** Fabrication drawing, Suspension Work Supports and Roller Work Supports

OPTIONAL FEATURES

- Model 236 Digital Instrument with sensors and cables; Printer
- Model 246 Portable Instrument with sensors, cables and built-in printer
- Model 295 Touch Screen Balancing Instrument with sensors and cables; Printer
- V-Block Rotor Supports
- Different Size/Weight Capacity Roller Assemblies; Negative Load Hold-Down Assembly
- Rotor Safety Hold-Down Assembly
- Universal Photcell Arm Assembly (may be required to mount photocell for balancing instrument)
- End Thrust Assemblies

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