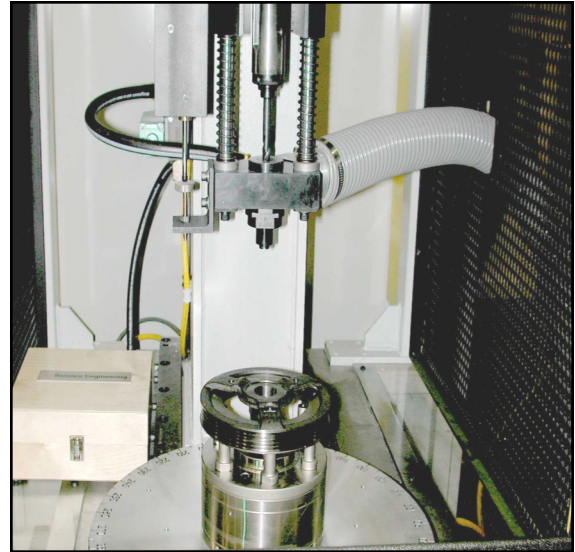


MP Balance Engineering MicroPoise

A Micro**Poise** Measurement Systems, LLC Company

Single Station Rotor Balancer

The Balance Engineering single station vertical correction balancing machine is designed to balance a wide variety of rotating parts. Production volumes typically allow customers to utilize manual loading processes to facilitate operation. Also capable of automatic loading via a compact transfer system.



(Vertical drilling configuration shown. Also available in horizontal drilling configurations)

Leadership in Balancing

Your Key Process Advantages

- Lowest cost of ownership through the system life cycle
- Fast machine cycle time
- Utilizes our standard high value/high production rate mechanical and electronic unbalance measurement system
- The industry's best process capability and repeatability

Your Key Technical Advantages

- Design provides for ease of use and maintenance
- Ease of future retool/rework
- Flexibility for different part loading methods

*Critical balancing solutions from Micro**Poise**-Balance Engineering. A global leader in supplying Test and Measurement systems to various industries including Automotive, Heavy Equipment, Agriculture, Transportation, Power Generation and Aerospace.*

MP Balance Engineering

A MicroPoise Measurement Systems, LLC Company

Leadership in Balancing

Technical Specifications

Dimensions: 1.86 m x 2.26 m x 2.4 m

Weight: 1,800 kg

Load Height: 1030 mm

Loading Options: Manual or Automatic

Cycle Time: 25 Seconds (With Load/Unload)

Maximum Part Weight: 50 kg

Drill Method: Dry

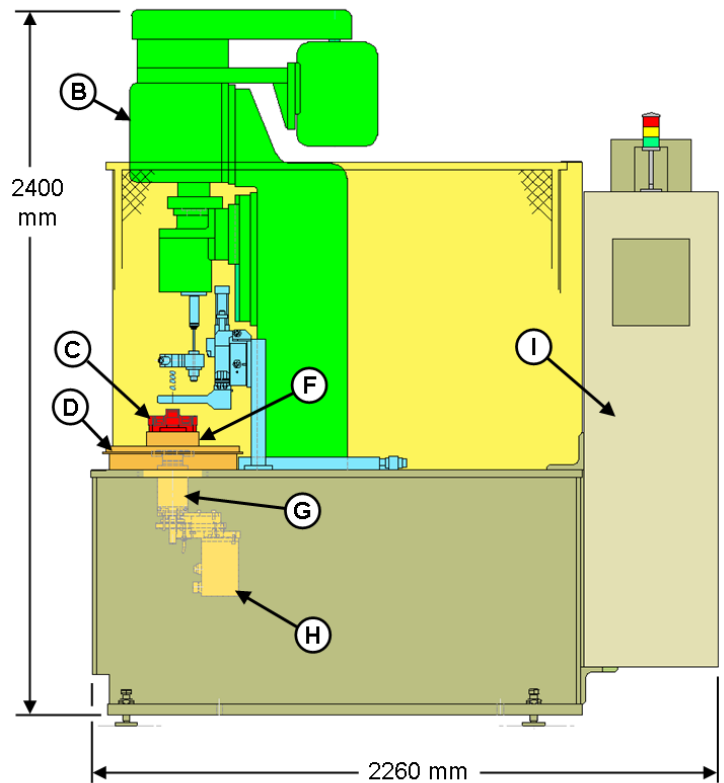
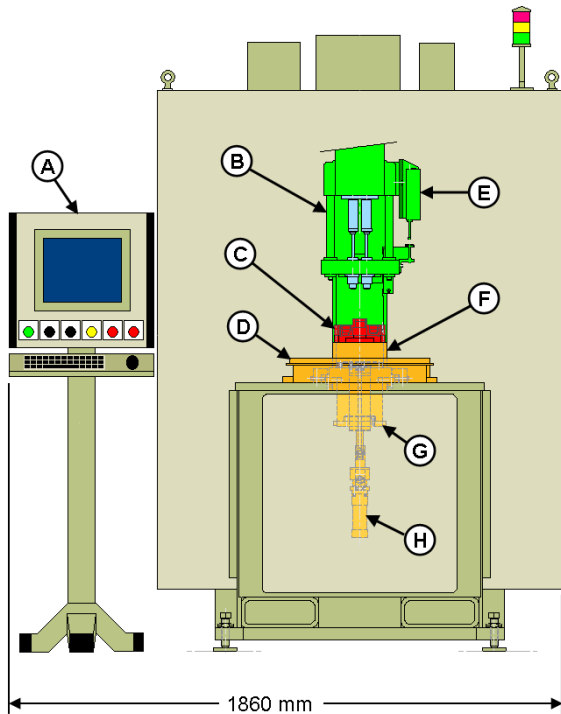
Balance Suspension Method: Soft

Drill Chip Removal: Venturi or Vacuum (Optional)

Power Requirements: Customer Specified

Electrical Standards: UL / IEC / JIC / UL / CE

Balance Instrument: WinCBI



- (A) - HMI / Balance Instrument
- (B) - Drilling System
- (C) - Part (various)
- (D) - Vertical Drill Backup
- (E) - Linear Drill Depth Encoder

- (F) - Collet Chuck
- (G) - Servo Part Drive
- (H) - Air Coupler (Unclamp Chuck)
- (I) - Main Electrical Panel