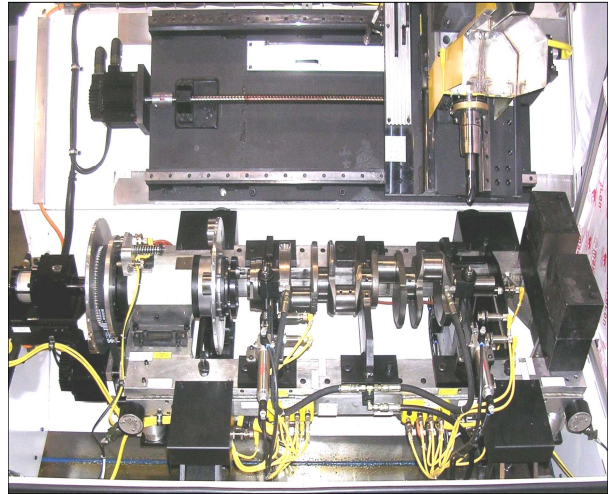


MP Balance Engineering MicroPoise

A Micro**Po**ise Measurement Systems, LLC Company

Single Station Crankshaft Balancer

The Balance Engineering single station MQL 800 crankshaft balancing machine is designed to balance crankshafts up to 800 mm in length with a maximum weight of 65 kg. Production volumes typically allow customers to utilize manual loading processes to facilitate operation. Also capable of automatic loading.



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

Leadership in Balancing

Technical Specifications

Dimensions: 4.6 m x 2.1 m x 2.2 m

Weight: 3,600 kg

Load Height: 960 mm

Loading Options: Manual or Automatic

Cycle Time: 75 Seconds (No Load/Unload)

Maximum Crankshaft Weight: 65 kg

Crankshaft Length: 300 mm to 800 mm

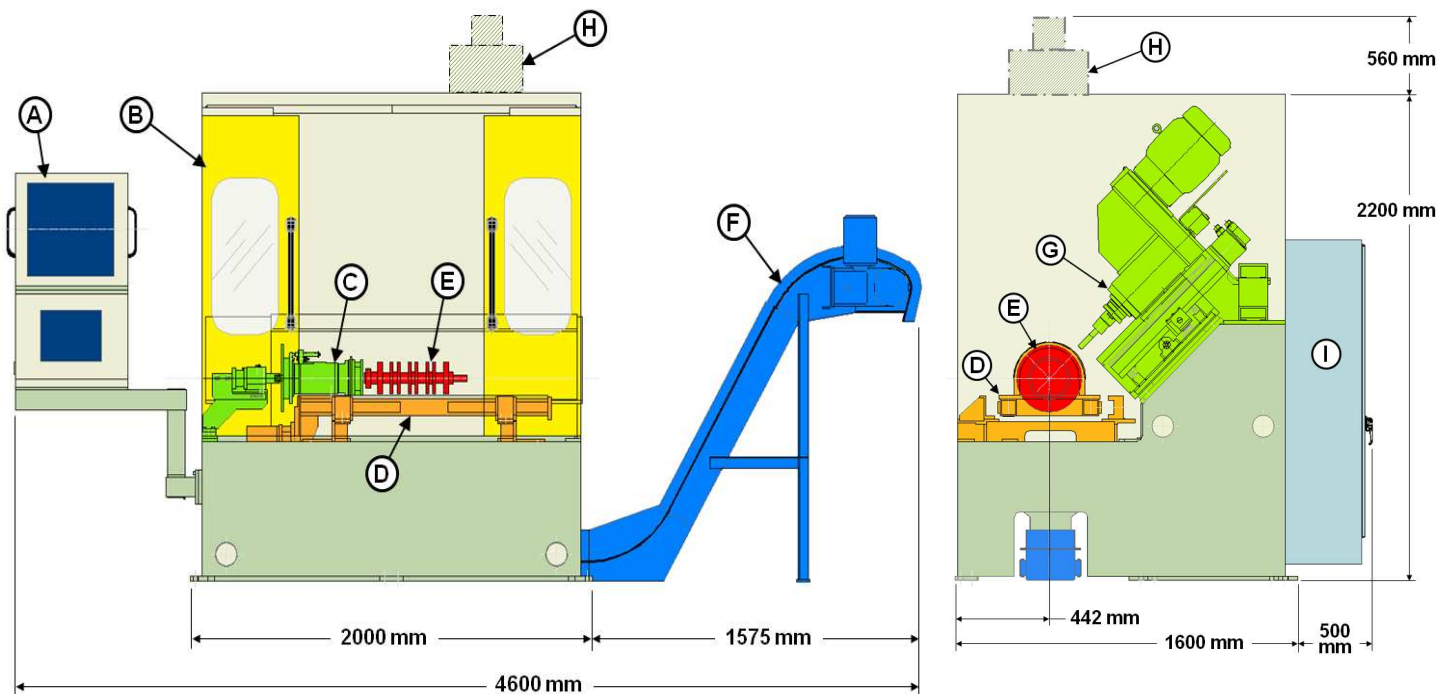
Drill Cross Slide Range: 800 mm

Drill Lubricant System: MQL

Power Requirements: Customer Specified

Electrical Standards: UL / IEC / JIC / CE

Balance Instrument: WinCBI



- (A) - HMI / Balance Instrument
- (B) - Machine Guarding (Options Available)
- (C) - Part Drive Assembly (Methods Vary)
- (D) - Cradle / Suspension Assembly
- (E) - Part (Crankshaft)

- (F) - Chip Conveyor (Sizes to Suit)
- (G) - Drilling System
- (H) - Mist Collector (Optional)
- (I) - Main Electrical Panel