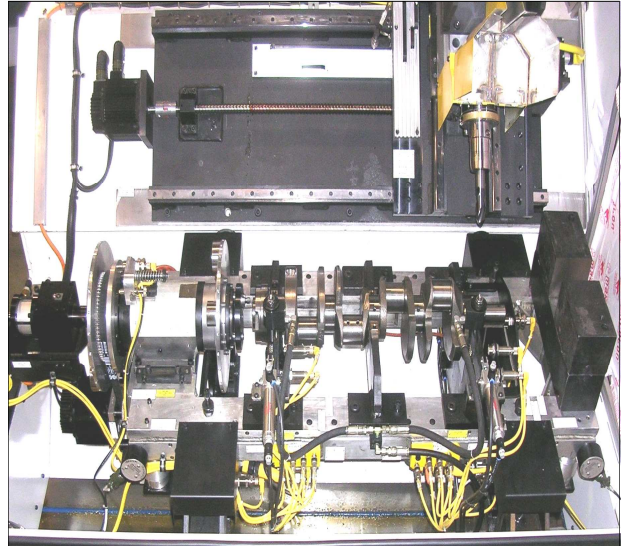


# **MP** Balance Engineering MicroPoise

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

## **Single Station Crankshaft Balancer (MQL 1400)**

*The Balance Engineering single station MQL 1400 crankshaft balancing machine is designed to balance crankshafts up to 1400 mm in length with a maximum weight of 250 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.***

# MP Balance Engineering

A MicroPoise Measurement Systems, LLC Company

## Leadership in Balancing

## Technical Specifications

Dimensions: 5.3 m x 2.1 m x 2.2 m

Weight: 4,200 kg

Load Height: 960 mm

Loading Options: Manual or Automatic

Cycle Time: 75 Seconds (No Load/Unload)

Maximum Crankshaft Weight: 250 kg

Crankshaft Length: 600 mm to 1400 mm

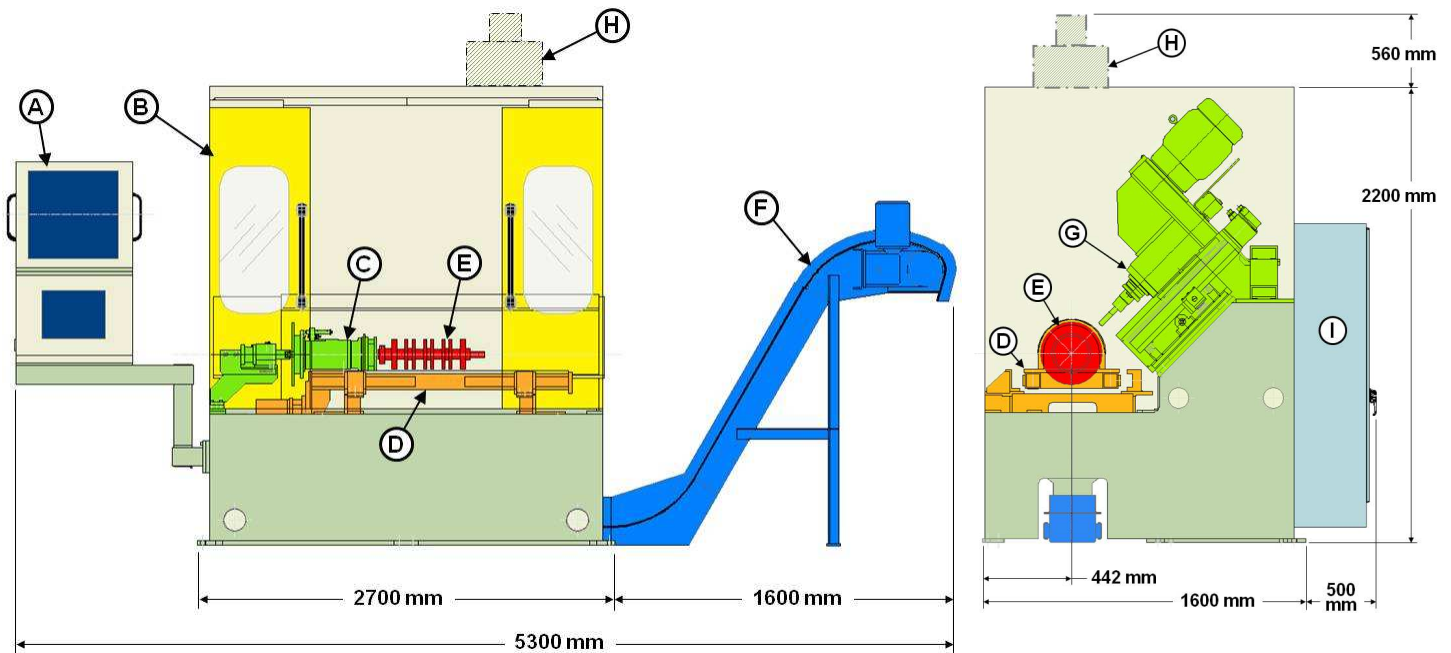
Drill Cross Slide Range: 1400 mm

Drill Lubricant System: MQL

Power Requirements: Customer Specified

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

Balance Instrument: CBI-2000 or 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