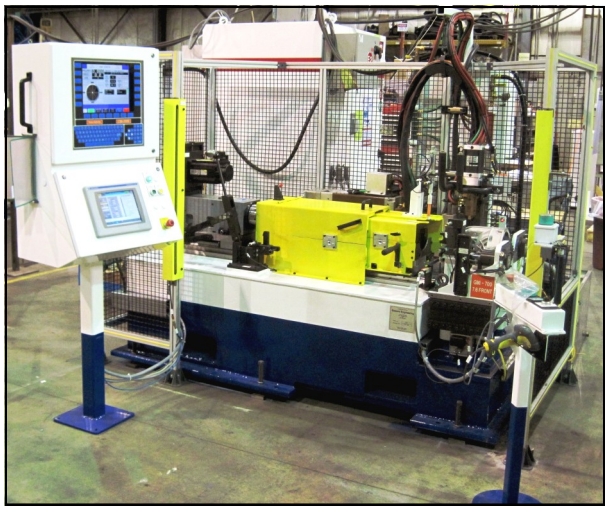
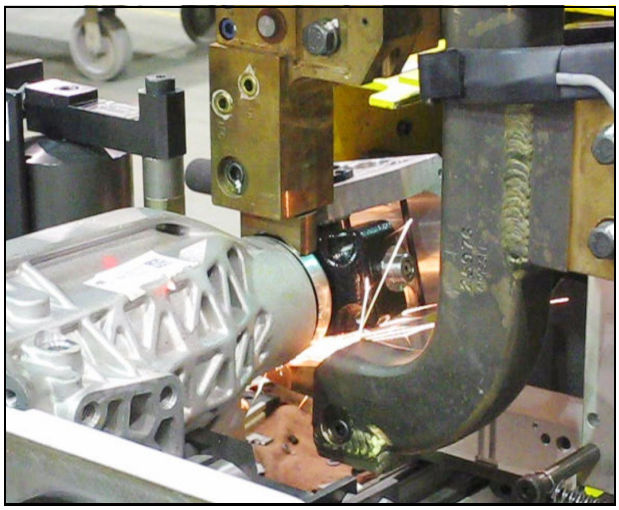
MicroPoise Balance Engineering

A MicroPoise Measurement Systems, LLC Company

Manual Axle Balancer

The Balance Engineering manual axle balancing machine is designed to balance complete axle assemblies or 3rd Member Assemblies up to 2000 mm in length with a maximum weight of 1000 kg. Production volumes typically allow customers to utilize manual loading processes to facilitate operation. Optional automatic loading is also available.





Leadership in Balancing

Your Key Process Advantages

- **Lowest cost of ownership through the system life cycle**
- **Simple installation process**
- **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 MicroPoise-Balance Engineering. A global leader in supplying Test and Measurement systems to various industries including Automotive, Heavy Equipment, Agriculture, Transportation, Power Generation and Aerospace.

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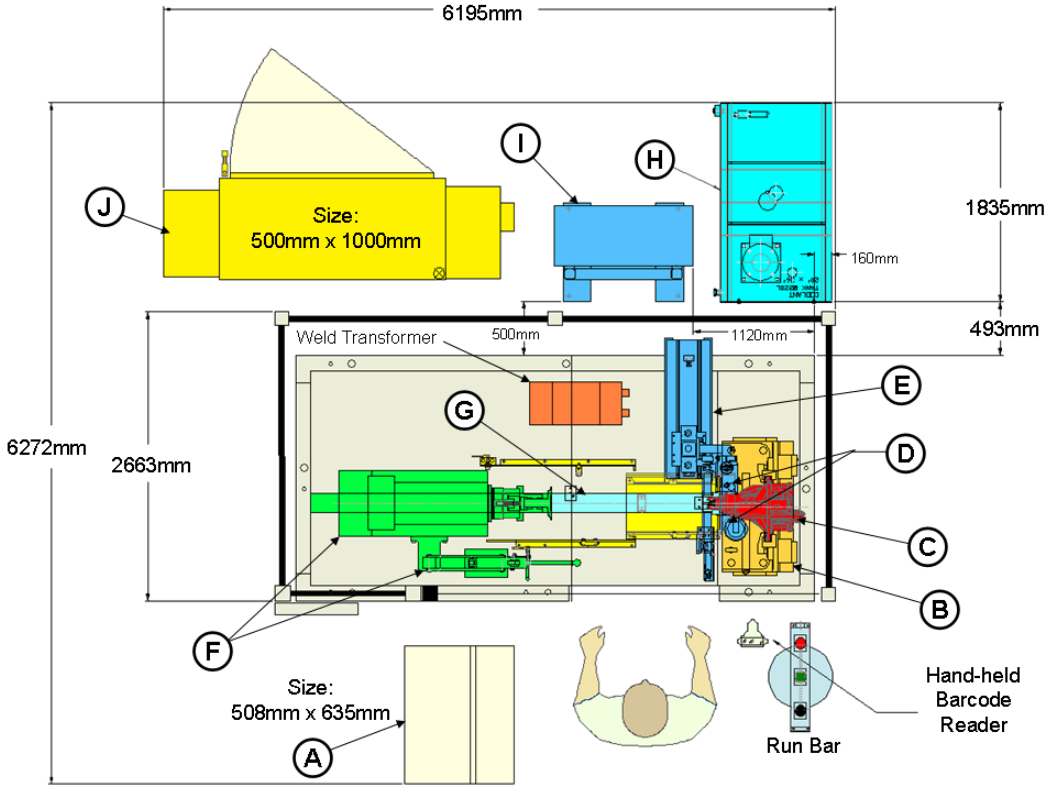
Technical Specifications

Floor Space/Dims: 6.2 m x 6.2 m x 1.5 m
Weight: 4,500 kg
Load Height: 900 mm
Loading Options: Manual or Automatic
Cycle Time: 95 Seconds (Load/Unload)
Maximum Part Weight: 1000 kg

Correction Process: Welding or Drilling
Clamping Method: Manual/Automatic
Balance Speed: 2800 RPM
Power Requirements: Customer Specified
Electrical Standards: UL / IEC / JIC / UL / CE
Balance Instrument: CBI-2000 or WinCBI



- A - HMI / Balance Instrument
- B - Fixture
- C - Part
- D - Part Clamps
- E - Welder Unit
- F - Drive Spindle and Actuator
- G - Slaveshaft
- H - Coolant Tank
- I - Weld Controller
- J - Main Electrical Panel

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