

HB 12T/15T

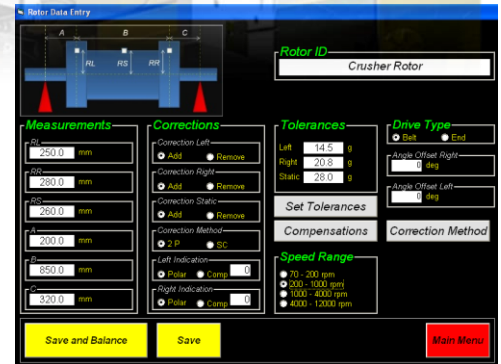
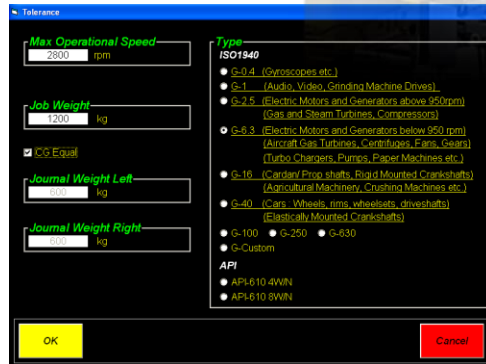
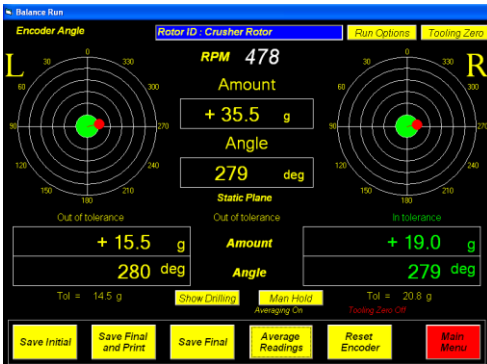
Horizontal Hard Bearing Balancing Machine



Accurate & High Quality Electronics

Specifications

Max diameter over bed	2800 mm (110 in)
Max diameter over belt drive	2100 mm (83 in)
Bed Length	2000 / 4000 mm (79 / 157 in) Extendable
Max Weight	12,000 / 15,000 kg (26,500 / 33,000 lbs)
Motor Power Belt Drive	15 kW / 22kW (20 / 30 Hp)
Motor Power End Drive	37 kW (50 Hp)



Advantages of Hard Bearing Machines over Soft Bearing Machines:

- No trial runs required, Unbalance measured with first run
- Safer with Start-up and Large initial unbalances due to rigid construction and no shaking
- Safer and easier to balance overhung rotors

Sealed Pick-up Sensors

Laser Speed Sensor

Position Encoder



Detailed Print Reports

Peterson Balancing Supply 510-344-3454		
Dynamic Balancing Report		
Date: 22/10/2015	Time: 3:34 PM	
Job Data		
Job No: 1128534	Operation Speed: 3000 rpm	Customer: Johnson Traction
Description: Rotor X34TT		Mass: 6150 lbs
Balancing Data		
a = 4.5 in	b = 18.0 in	c = 6.0 in
r _L = 23.0 in	r _R = 22.0 in	Balancing Speed = 475 rpm
Tolerance Data		
Type: API 610 BWN	Upper Left Plane: 0.3750 oz	Upper Right Plane: 0.3920 oz
Results		
Left Plane	Static Plane	Right Plane
Initial Amount: +3.3 oz	Initial Amount: +4.8 oz	Initial Amount: +0.9065 oz
Final Amount: +3.2152 oz	Final Amount: +0.2217 oz	Final Amount: +0.2469 oz
Angle: 283 deg	Angle: 281 deg	Angle: 188 deg
Angle: 272 deg	Angle: 281 deg	Angle: 158 deg
Result: In tolerance		
Your job has been balanced on the most sophisticated COETZ Balancing Machine by our trained technicians.		
Technician		Supervisor
Operator: James Anderson		