

# HB 20/50

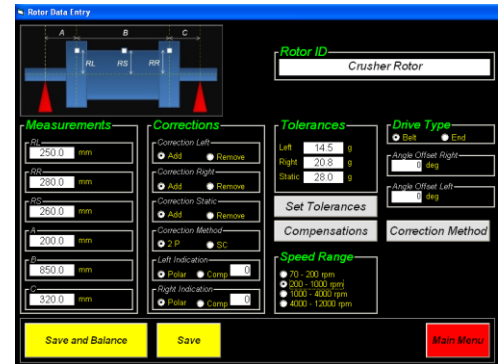
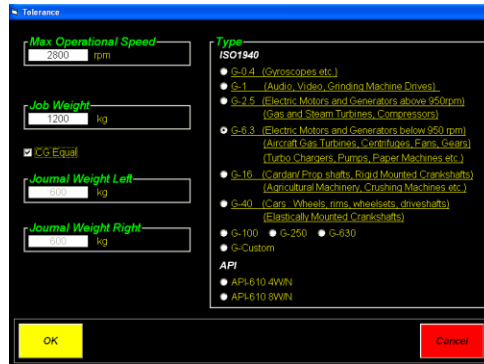
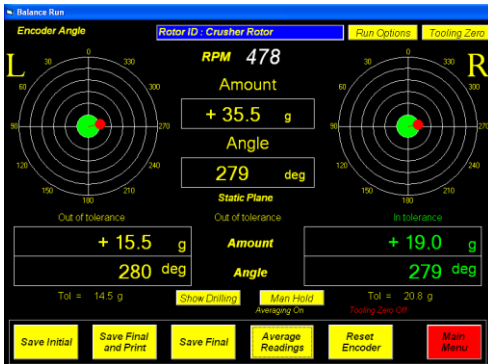
## Horizontal Hard Bearing Balancing Machine



Accurate & High Quality Electronics

### Specifications

Max Diameter over bed	220 mm (8.5 in)
Max diameter over belt drive	150 mm (5.9 in)
Bed Length	900 / 1200 mm (35 / 47 in)
Max Weight	20 / 50 kg (44 / 110 lbs)
Motor Power Belt Drive	0.25 / 0.55 kW ( 0.34 / 0.74Hp)



### 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		Max: 6150 lbs			
Balancing Data					
a = 4.5 in	b = 18.0 in	c = 6.0 in			
rL = 23.0 in	rR = 22.0 in	Balancing Speed = 475 rpm			
Tolerance Data					
Type: API 610 BWN	Upper Left Plane: 0.3750 oz		Upper Static Plane: 0.7680 oz		Upper Right Plane: 0.3920 oz
Results					
Left Plane		Static Plane		Right Plane	
Initial Amount: +3.3 oz	Angle: 283 deg	Initial Amount: +4.8 oz	Angle: 282 deg	Initial Amount: +0.9065 oz	Angle: 183 deg
Final Amount: +3.9152 oz	Angle: 272 deg	Final Amount: +0.2171 oz	Angle: 281 deg	Final Amount: +0.2469 oz	Angle: 158 deg
Result: In tolerance		Result: In tolerance		Result: In tolerance	
Your job has been balanced on the most sophisticated COETZ Balancing Machine by our trained technicians					
Technician			Supervisor		
Notes: Operator: James Anderson					