

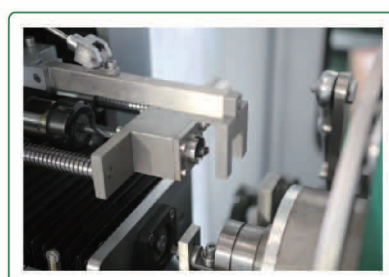
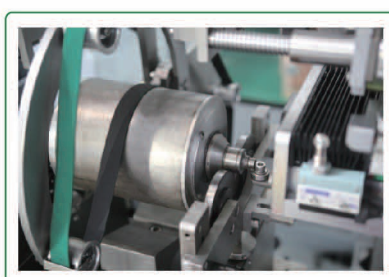
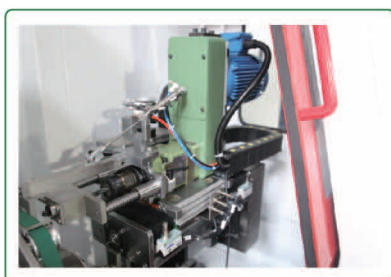
## PHQ-50Q Motor Automated Balancing Machine

### Brief Introduction

Widly used for small and medium motor rotor, impeller, crankshaft, rollor, shaft and any other rotating parts' balancing correction. This machines applied with belt drive, AC frequency conversion motor. It is guaranteed the balance quality and precise with the charactors of convenient unloading, rapid accelerate, and high efficiency.

### Features

1. Well-designed pedestals transfer mechanical force effectively with lower vibration and higher rigidity.
2. High precision sensors with good linearity, reliable and durable.
3. Measuring principle of permanent-calibration permits a greater initial unbalance amount.
4. Belt-drive mode, higher accuracy and greater convenience.
5. Professional measuring instrument and friendly man-machine interface with complete functions.
6. Modular design offers a wide range of application.



Parameters of Balancing Unit	configuration
rotor's weight: 5-50kg	balancing machine and measuring system: jp balancer
bearing shaft diameter φ 15-75mm	driven measuring motor: 1.5kw panasonic servo motor
lamination thickness 80-450mm	drilling engaging motor: 0.75kw panasonic servo motor
lamination diameter 80-300mm	drilling spindle motor: 0.75KW
deweight diameter 60-280mm	cylinder: smc
drilling diameter 最大16mm	drilling track: 上银
distance between drilling cutter and plane 10-150mm	main driven motor: taiwan hankun
Min.residual unbalance rate <0.5g.mm/Kg	vacuum cleaner: suzhou deico
unbalance reduction rate by one time >95%	
If rotor's dimensions are out of configuration range or are specially created, communication with technologists and confirmation are required before machine production.	
processing period 150s (audit basing on rotor's weight, materials and dimensions)	



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