

# End Driven Balancing Machines

These types of machines are ideally suited for large rotors, often with high inertia and where high power is consumed due to air resistance etc. The weight of rotors which can be balanced is limited by acceleration capacity of the drive unit and speeds available on the balancing machine. Drive options include single and multiple speeds through pulley arrangements, gear boxes or AC frequency variable speed drives. Gap bed machines are available for bigger diameter rotors.

End driven machines also lend themselves to high speed balancing applications in conjunction with safety enclosures. Furthermore the positive drive arrangement through Universal coupling assures the rotor does not lift off the pedestals during running due to high centrifugal forces.

With our experience spanning nearly two decades, our most commonly served applications for end driven machines include but are not limited to: Blowers, Impellers, Motor rotors, Paper machine rolls, Centrifuges, Crushers, Turbine rotors, Pulleys, Hubs, Crankshafts, Drive Shafts, Propeller Shafts, Armatures, Fans, Compressors, Etc.



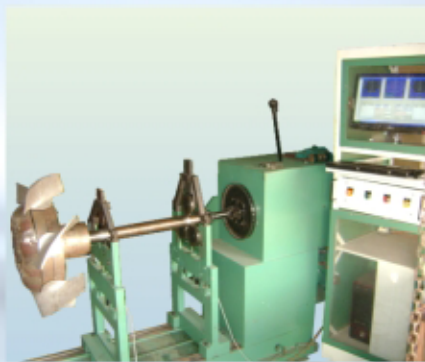
5000 Kg Machine for Motor Rotors



3000 Kg Machine



10000 Kg Machine for Paper Rolls



300 Kg Machine for Overhang fans



1000 Kg Gap Bed Machine



3000 Kg Machine for Blowers

## Technical Data

Machine Model	H 50	H 100	H 300	H 650	H 1K	H 3K	H 5K	H 10K	H 16K	H 30K
Weight Capacity KG	50	100	300	650	1000	3000	5000	10000	16000	30000
Max Dia of Rotor	500	1000	1150	1350	1600	2100	2500	3000	3500	4000
Std. Bed Length - S	800	1200	1500	1500	1500	2000	2500	3000	4500	4500
Std. Bed Length - M	1200	1500	2000	2000	2000	2500	3000	4500	6000	6000
Std. Bed Length - L	2000	2000	2500	2500	2500	3500	4500	6000	7500	7500
Journal dia Range (mm)	8~50	10~80	12~100	15~120	15~120	25~180	25~250	40~250	70~350	70~350