
Dynamometers - Eddy Current

<http://www.whitelegg.com/product-search/dynamometers-eddy-current>

Designed for load testing of electric motors, these compact and efficient units are the perfect way to ensure that the new or repaired motor is operating well. Combine with Motatest Dynamic to record motor data such as torque, efficiency, current etc for a full picture of the motor's running condition.

- Very robust design for load testing electric motors
- DC drive control via real time data acquisition for load characteristics
- Closed loop control
- Equipped with safety shields
- Combine with hydraulic lift tables to accurately and safely position the motor in line with the dynamometer.



Model	Rating
Dyno-10	For maximum 10 HP (7 kW) motors at 2600 rpm or 0.25 (0.18 kW) at 1800 rpm
Dyno-50	For maximum 50 HP (36 kW) motors at 3600 rpm
Dyno-100	For maximum 100 HP (74 kW) motors at 3600 rpm
Dyno-200	For maximum 200 HP (147 kW) motors at 3600 rpm
Dyno-400	For maximum 400 HP (300 kW) motors at 3600 rpm

Combine with hydraulic lift table for positioning of the motor:



Model	Weight capacity	Platform size	Closed height	Travel	Motor
HLT-01	1500Lbs (680kg)	48" x 48" (122 x 122 cm)	11" (28cm)	36"	1.5HP 115V single phase
HLT-02	2500Lbs (1,134kg)	48" x 48" (122 x 122 cm)	11" (28cm)	36"	1.5HP 230-460V three phase
HLT-03	6000Lbs (2,721kg)	48" x 60" (122 x 152 cm)	11" (28cm)	36"	1.5HP 230-460V three phase
HLT-04	8000Lbs (3,628kg)	48" x 84" (122 x 213 cm)	16" (40cm)	50"	1.5HP 230-460V three phase

- Lubricated for life, maintenance-free bearings at pivot points

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- Scissor legs are solid high-tensile steel, one-piece construction with precision reamed holes for accurate alignment and table operation
 - Reservoir Is filled with oil
 - Pre-wired motor controls
 - Pre-wired push button
 - Primary control - Standard push button control on 10ft. cord
 - Hydraulic velocity fuse - Prevents free fall If hydraulic hose is severed

These tables are reinforced with a 1/2" steel base plate and a 1" steel top plate. The 4 pole design allows the top plate with welded cylinders to move freely for vertical movement and provide additional locking capacity when the desired height is achieved.

The customer can choose whether to mount the dynamometer or the motor on the lift table. If motor mounting is preferred, we provide T-slots with a motor mounting plate and NEMA bolt patterns.

All models come standard with accordion bellows, which consist of a steel-reinforced pleated vinyl barrier which expands and retracts with the movement of the table.