



SF-250A POWERSPORTS DYNAMOMETER

The SuperFlow CycleDyn chassis dynamometer is used by educational research facilities, motorcycle dealerships, and professional racing teams worldwide for any number of powersport applications. ATVs, karts, and especially motorcycles are easily testing in a safe, controlled environment with accompanying data acquisition and control. Rated for 500HP+ with speeds exceeding 200mph, this testing solution can add profit to your business, justify customer purchases and increase on-track performance for your equipment.

Testing on a dynamometer reduces road testing liability, improves measurement accuracy, and enhances productivity. The CycleDyn is a modular dynamometer system, which means that you can select the appropriate components to get just the right dynamometer for your needs. The CycleDyn is suitable for above ground use or pit installation, which makes it very versatile for all shop configurations.



FEATURES

- Rated for 750+hp (inertia only) and 500+ hp (eddy current applications)
- Capable of maintaining speeds up to 200 mph
- Accepts wheelbases from 48"-72" (122-183 cm) with a motorized, front-wheel restraint
- Available in multiple configurations including inertia only, eddy current loading, or AC motoring
- Automated tests for simple operation and unequaled repeatability – tests include inertia only, controlled acceleration, steady state, step, track simulation, engine power and any user defined drive cycle
- Constructed with sturdy steel plates, welded at the seams for a durable, vibration resistant enclosure
- Rugged, impact resistant hand-held controller
- 20" diameter knurled roll for superior traction and minimal tire deflection
- Optional blowers provide cool air at velocities proportional to wheel speed
- Air actuated wheel lock



Product Specifications

WEIGHT	1,800 LBS (816 KG)
ROLL DIAMETER	20" (51 CM)
PEAK POWER	750 HP (559 KW)
PEAK ABSORBED POWER	500 HP (373 KW)
MAX SPEED	200 MPH (322 KM/H)
DIMENSIONS ¹	85" L X 69" W X 21" H (216 X 175 X 53 CM)
STANDARD WHEELBASE ²	58" – 84" (147-213 CM)
SYSTEM INERTIA	323 LBS. (147 KG)
AXLE WEIGHT	1,000 LBS.
AIR REQUIREMENTS	80 -100 PSI (552-690 KPA)
POWER REQUIREMENTS	120 VAC, 15 AMP OR 240 VAC, 8 AMP AND 240 VAC, 30 AMP

¹WITH EDDY CURRENT

²EXTENSIONS AVAILABLE