

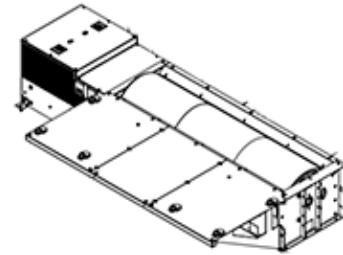
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Validation Center

Dynamometer

Our dynamometer offers the ease of use of an inertia dyno, along with the advanced testing capabilities of an Eddy Current Load Control dyno¹.

It can perform load tests including step, sweep and custom road-load profiles in all gears and at any throttle position.



Standard Features and Specifications

- Measures up to 2,000hp/2,000ft-lbs torque and 200mph
- Perform loaded tests, including step, sweep, and closed loop

Specifications	
Maximum Horsepower / Torque	2000 HP / 2000 FT LBS
Maximum Speed	200 MPH / 322 KM/H
Drum Diameter	24 IN / 61 CM
Drum Width	81 IN / 205 CM
Maximum Axle Weight	3000 LBS / 1361 KG per Axle
Timing Accuracy	± 1 Microsecond
Drum Speed Accuracy	± 0.01 MPH / 0.02 KM/H
RPM Accuracy	± 0.1 RPM

Dynojet

224xLC specifications.

¹ Eddy-current dynamometers.

Ideal for evaluations requiring high speeds. Eddy-current breaks provide increasing torque as the speed increases, reaching high peak torque at rated speed. It also has low inertia as a result of a small rotor diameter. Brake cooling is provided by a water circulation system, which passes inside the stator to dissipate heat generated by the braking power.

More...



Design and Simulation Software

Simulate real-world behavior of your product with the most advanced simulation software to evaluate performance, reliability and safety of materials and products.

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