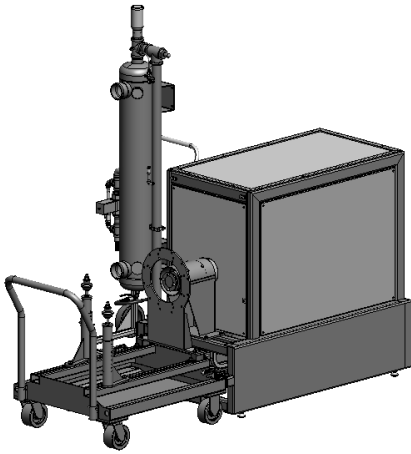


Engine Dynamometers - EC-Series



73279.02 EC250 Dual Eddy Engine Dynamometer Shown

Overview

Power Test EC-Series engine dynamometers feature in-line eddy current absorption units in a robust, compact frame. They are designed for precise, repeatable testing of small displacement diesel engines from 125 HP (92kW) to 400 HP (294kW) at speeds up to 5,000 RPM.

The EC-Series feature:

- Air-cooled eddy current absorbers that eliminate the need for an expensive water recirculation system.
- The systems include PowerNet LT Data Acquisition and Control package, 1,000 HP (746kW) engine cooling column, a self-aligning universal engine cart with adapters, and SAE 1410 drive shaft.
- Dynamometer can be easily relocated, no permanent installation required.

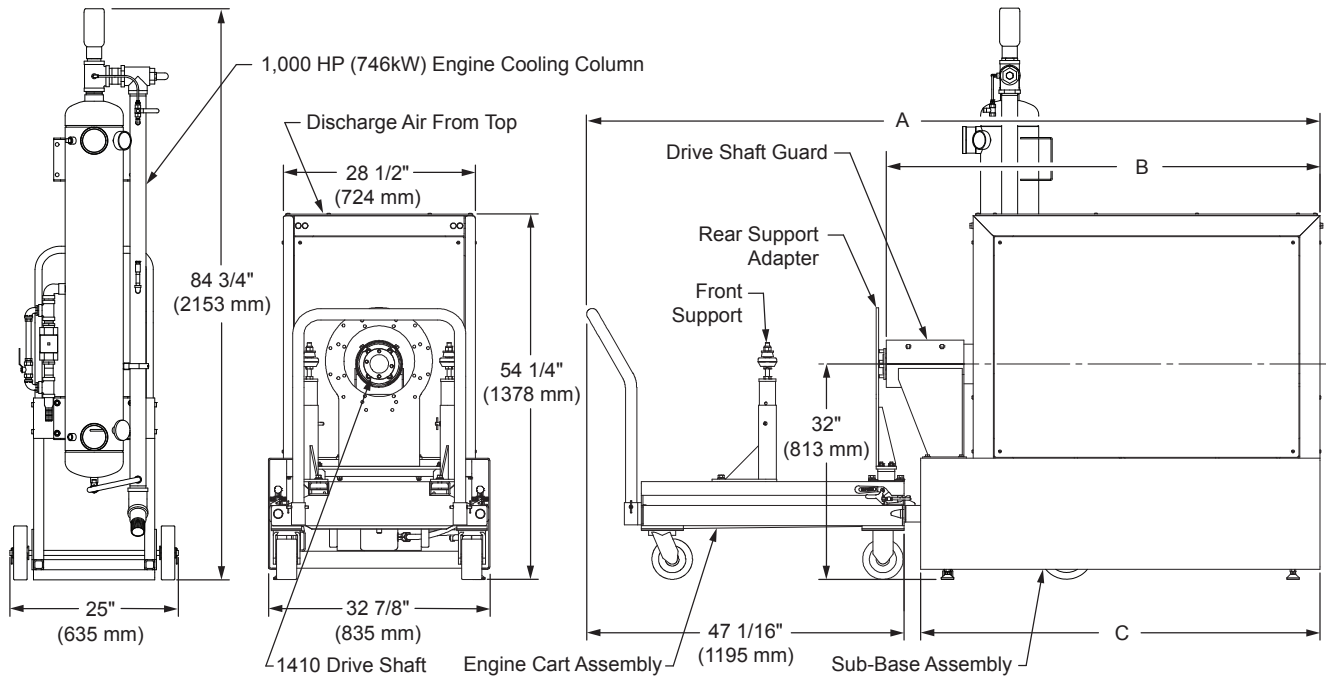
The EC-Series dynamometer systems may be used for continuous-duty engine power verification, quality assurance, endurance, and certification testing.

Description	Part #	Electrical Requirements		Power Absorption - HP (kW)	
		Amperage (Amps)	Voltage (VAC)	Continuous	Short Duration
EC125	73279.1	20	110	125 (93)	200 (149)
EC250	73279.2	20	230	250 (186)	400 (298)

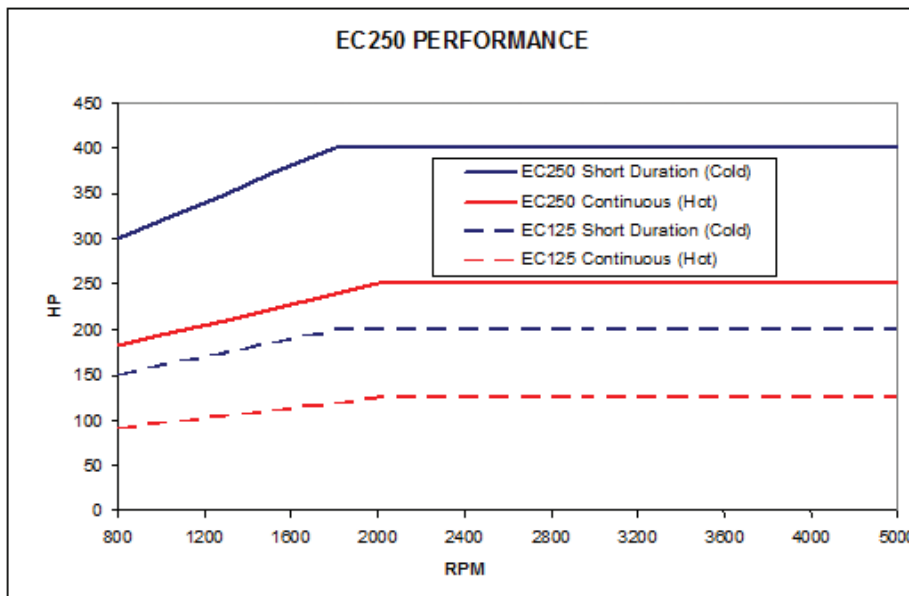


N60 W22700 Silver Spring Drive • Sussex, WI 53089 USA
phone: (262) 252-4301 • fax: (262) 246-0436
www.pwrtst.com

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Description	Part #	Dimensions inches (mm)			Sub-Base Weight - Lbs (kg)	Engine Cart w/o Adapters Weight - Lbs (kg)
		A	B	C		
EC125	73279.1	87 13/16 (2230)	43 3/8 (1102)	38 1/4 (972)	1,810 (821)	270 (122.5)
EC250	73279.2	108 11/16 (2761)	64 3/8 (1635)	59 1/4 (1505)	2,685 (1,218)	



Max. Torque Absorption @ 1,200 RPM

EC125 750 Ft-lbs. (1016 Nm)

EC250 1,500 Ft-lbs. (2033 Nm)