

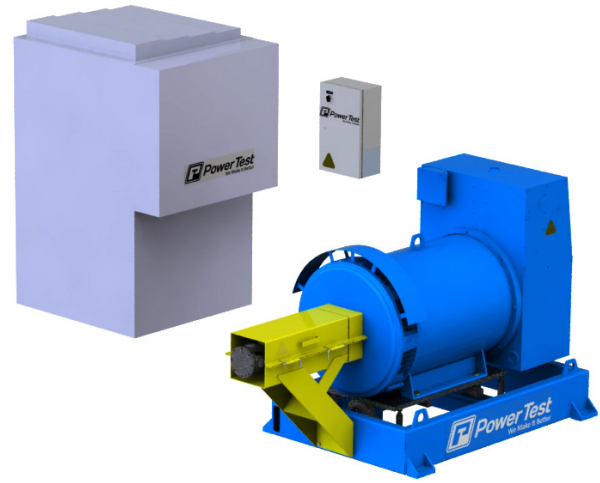
# Engine Dynamometers - ACLB - Series 3

## Overview

Power Test ACLB-Series 3 engine dynamometers feature an AC Load Bank and Generator combination for efficient engine testing. Series 3 dynamometers are offered in 1,000 HP (746 kW) or 1,500 HP (1118 kW) models, designed for precise, repeatable testing of engines.

The ACLB-Series feature:

- Low-inertia and high absorption characteristics in a highly responsive package.
- The systems include load bank, generator, sub-base, a self-aligning universal engine docking cart with adapters, drive shaft guard, and an SAE 1410 drive shaft.
- This low maintenance dynamometer system eliminates the need for an expensive water recirculation system.
- Keep your test cell cooler by externally locating the load bank assembly.
- Dynamometer can be easily relocated, no permanent installation required.



ACLB-1000 Load Bank Engine Dynamometer Shown

The ACLB-Series 3 dynamometer systems may be used for continuous-duty engine power verification, quality assurance, endurance, and certification testing.

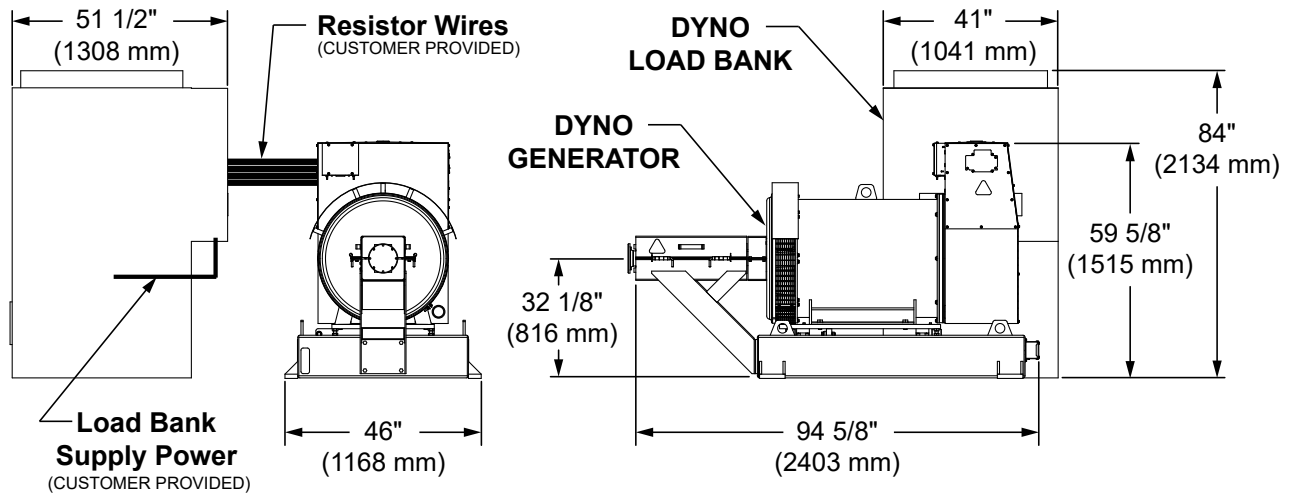
Description	Electrical Requirements		Continuous Power Absorption - HP (kW)	Maximum Speed RPM	Center Line Height - Inches (cm)
	Load Bank Supply Power	Resistor Wires			
ACLB-1000	380/480 3 Phase @ > 5 Amps	0 - 480v 3 Phase @ 1200 Amps	1000 (75)	2,600	32" (81)
ACLB-1500	380/480 3 Phase @ > 5 Amps	0 - 480v 3 Phase @ 1450 Amps	1500 (164)	2,600	32" (81)

\*Other options are available on request.

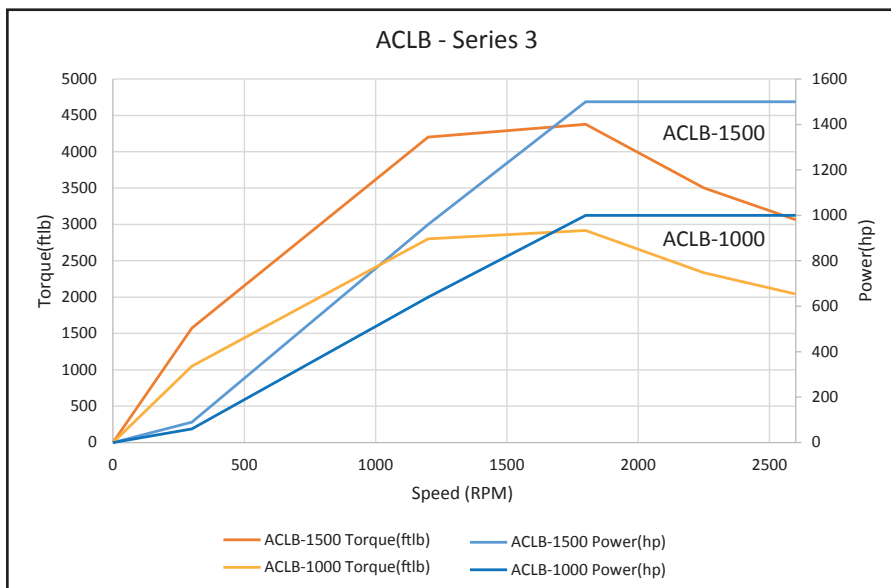


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# Engine Dynamometers - ACLB - Series 3



**NOTE: DIMENSIONS MAY VARY, FOR REFERENCE ONLY**



**Max. Torque Absorption  
@ 1,200 to 1,800 RPM**

ACLB-500 2,917 Ft.-lbs. (3954 Nm)

ACLB-750 4,376 Ft.-lbs. (5933 Nm)