

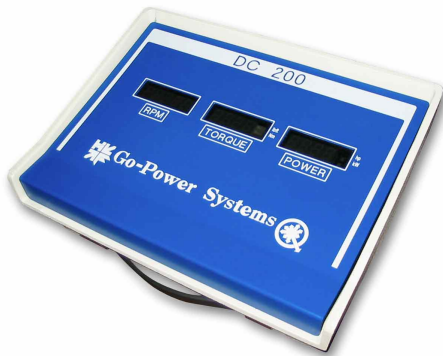


Go Power Systems



DT-1000 Dynamometer

500 HP (373kW) Maximum Power,
1,000 Lb-Ft (1,356Nm) Maximum Torque,
4,000 rpm Maximum Speed



Features:

- High torque
- Compact
- Bi-directional

Benefits:

- Use any Go Power controls
- In-frame testing
- Portable
- Cost effective

The DT-1000 dynamometer is designed for use with industrial diesel engines at speeds up to 3,500 rpm continuous and 4,000 rpm intermittent. The DT-1000 is designed to be quickly and easily fitted to an engine mounted on a fixed base or mobile engine stand. This ease of use combined with a Go Power instrumentation package, allows the user to achieve precise testing results with minimum of set-up time.

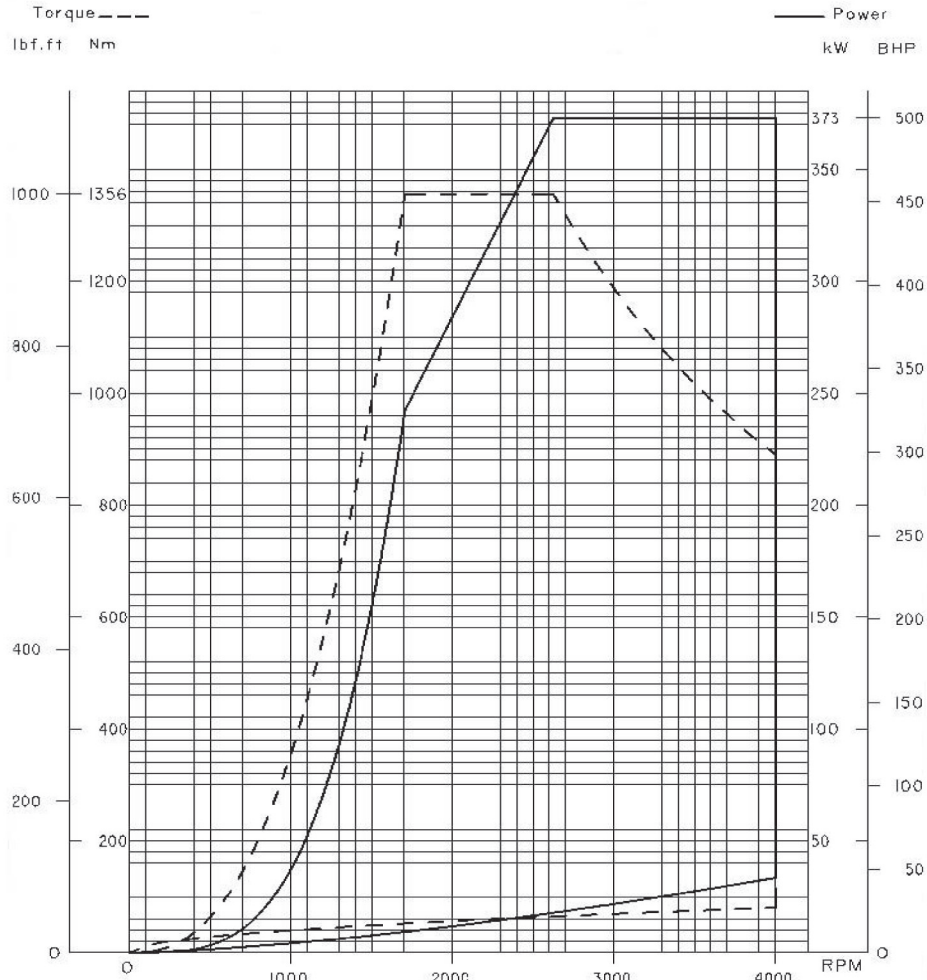
There are wide variety of adapters and engine carts available which allow attachment to almost any engine types. Go Power engineering can readily design adapters for virtually any application.

Go Power systems has available cooling columns, engine carts, engine adapters and many other options and accessories necessary to outfit test cells from the entry level to the most sophisticated automated data acquisition control systems.

Complete specifications and performance graphs are on the reverse of this leaflet.



Power - Torque Curve DT-1000



Specifications:

- Type of absorption: Water brake
- Construction: Aluminum alloy
- Bearings: Grease ball & bronze bushing
- Operating range: To 4,000 rpm
- Rotation direction: Clockwise or counter clockwise
- Torque transducer: Hydraulic load cell standard, electronic strain gauge optional
- Speed pickup: 60 tooth gear with inductive sensor

Water requirements:

- Inlet: 1-1/2" (25-38mm) line, up to 45 GPM (US) (2.84 liters/s) @ 45 PSI (310 kPa)
- Outlet: 2" (50mm) gravity drain to atmosphere
- SAE flywheel housing adapter: #1-4 standard (00 to 1/2 extender available)
- Flywheel adapters: Contact for details
- Weight: 98lbs (45kg)

Further information from:

US Office: Froude Hofmann
 45225 Polaris Court, Plymouth, MI 48170
 734.416.8000 • Fax 734.416.9113
gopower@froudehofmann.com

Head Office: Froude Hofmann
 Blackpole Road, Worcester WR3 8YB, England
 +44 (0) 1905 856800 • Fax +44 (0) 1905 856811
sales@froudehofmann.com • www.froudehofmann.com