



Mobile Testing Center (MTC-1500)

The Mobile Testing Center (MTC) is a preassembled, above ground, mobile, testing solution designed for outdoor testing applications. An affordable option to permanent Test Cells, the MTC is comprised of 2 ISO containers. Container 1 includes a Test Cell and heated and air-conditioned Control Room. Container 2 is optional and includes facility support equipment: Bulk Fuel Storage, Pneumatic System, Water Recirculation System (WRS), etc.

Container 1



Container 2

MTC-1500

Specifications

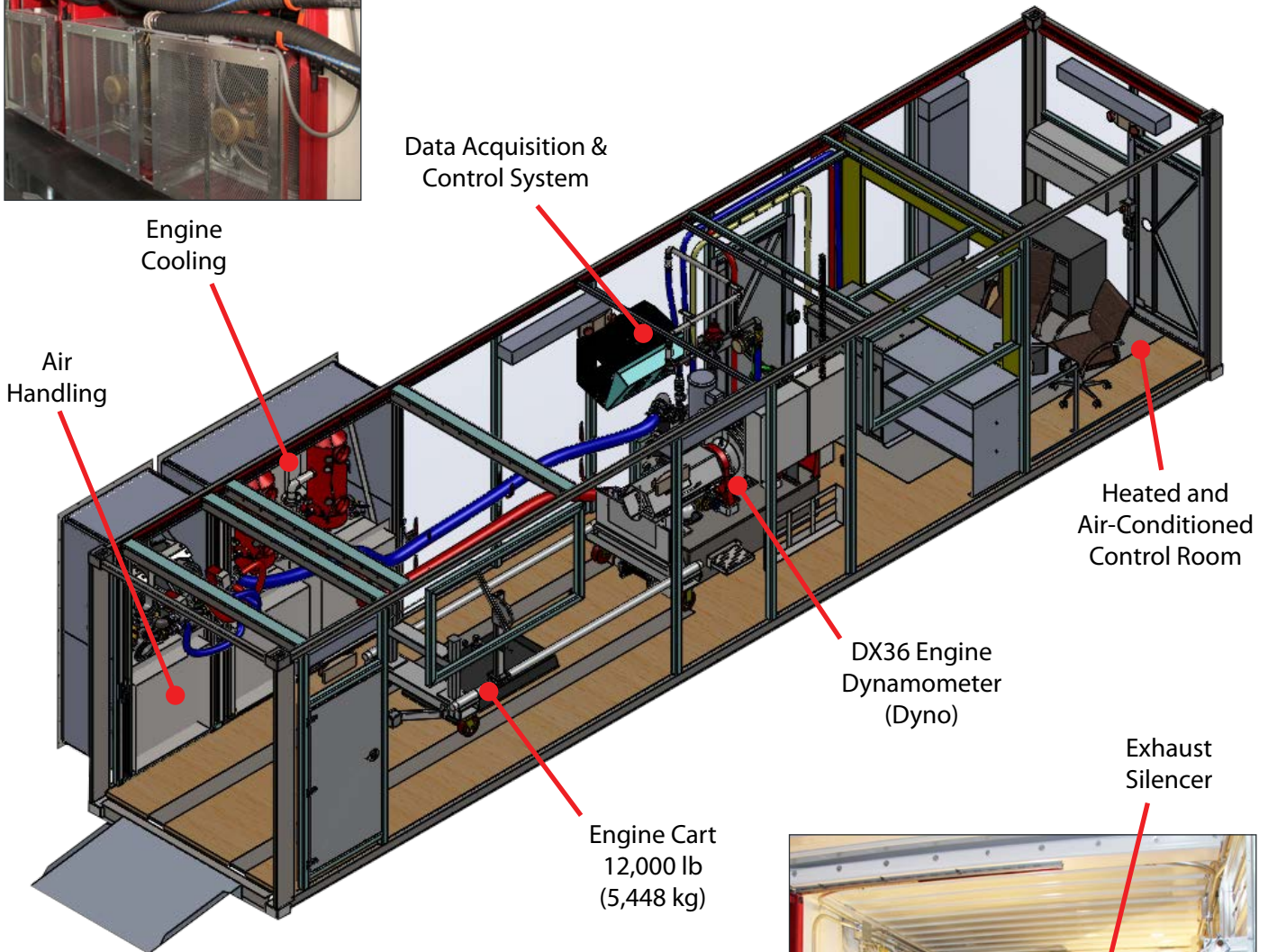
Power:	1,500 hp (1,119 kW)
Torque:	4,825 lb-ft (6,542 Nm)
Speed:	4,000 rpm
Voltages:	380-415 VAC, 50 Hz with amperage draw of approximately 250 amps or 460-480 VAC, 60 Hz with amperage draw of approximately 225 amps
High Cube, ISO Container Size:	40' long x 8' wide x 9'6" high (12.2 x 2.4 x 2.9 m)
Container 1 Door Size:	(For Adequate Engine Loading) 7'8" wide x 8'5" high (2.37 x 2.6 m)
Shipping Weights:	Container 1 - 30,500 lb (13,850 kg) Container 2 - 32,500 lb (14,750 kg)

For overhung loads, such as a belt or gear drive, please contact Taylor Dynamometer to ensure that the system will meet the required performance needs.

As a safety precaution, Taylor Dynamometer recommends a torsional analysis to uncover any potential torsional problems that exist for each application. This analysis will identify any torsional issues (frequencies) that should be fixed prior to operation. Excessive linear vibration may also create problems that must be mitigated for continued operation. It is the customer's responsibility to ensure that these vibration issues are addressed upon application of the dynamometer. Equipment failures attributed to linear or torsional vibration are not warrantable.

Total Test Success

Container 1 Test Cell and Control Room

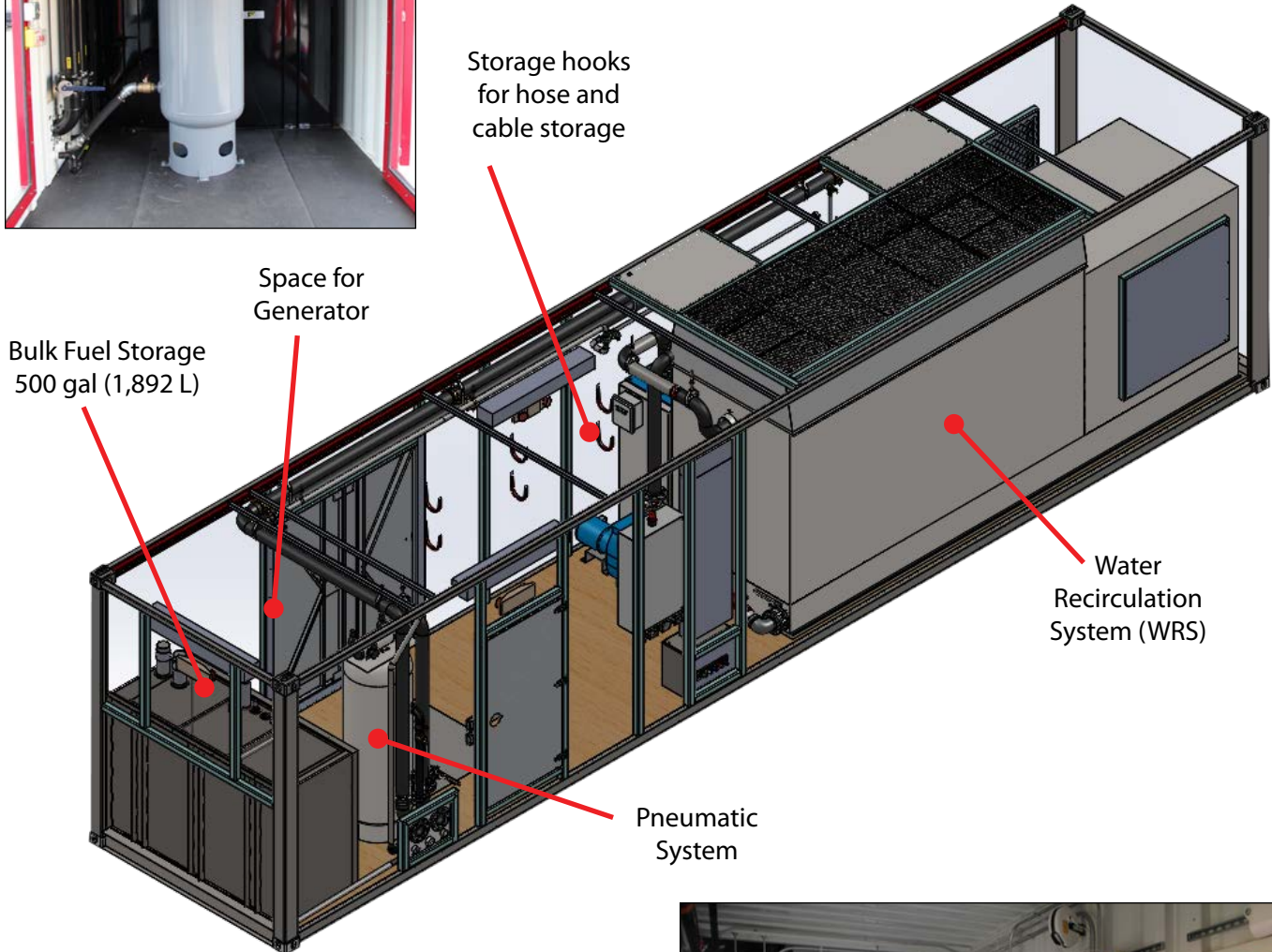


MTC-1500 features include

- Ships fully assembled, easy to transport with the use of a trailer
- A 500 and 1,000 hp (373 and 746 kW) MTC are also available
- 30 ft (9.1 m) water supply and return hoses for to/from connections of containers are provided
- 30 ft (9.1 m) electrical supply cables to MTC-1500 Test Cell to support container are provided
- Electrical outlets are provided in the container
 - 60 Hz systems will use "Type B" outlets
 - 50 Hz systems will use "Type G" outlets



Container 2 - Optional Facility Support



MTC-1500

Installation requires a level pad, electrical power (generator option available for additional fee) and make-up water.

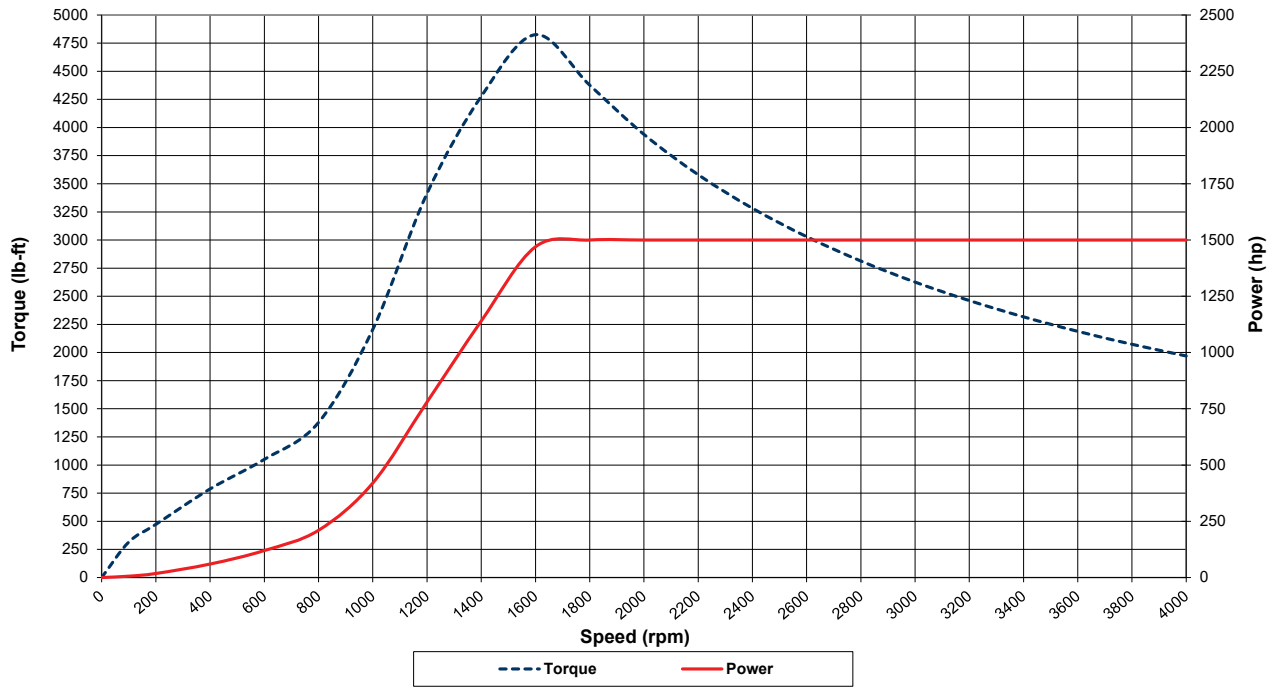
Customer to supply electrical power, make-up water, installation and engine connections including flywheel, engine cooling and exhaust.

Optional Equipment

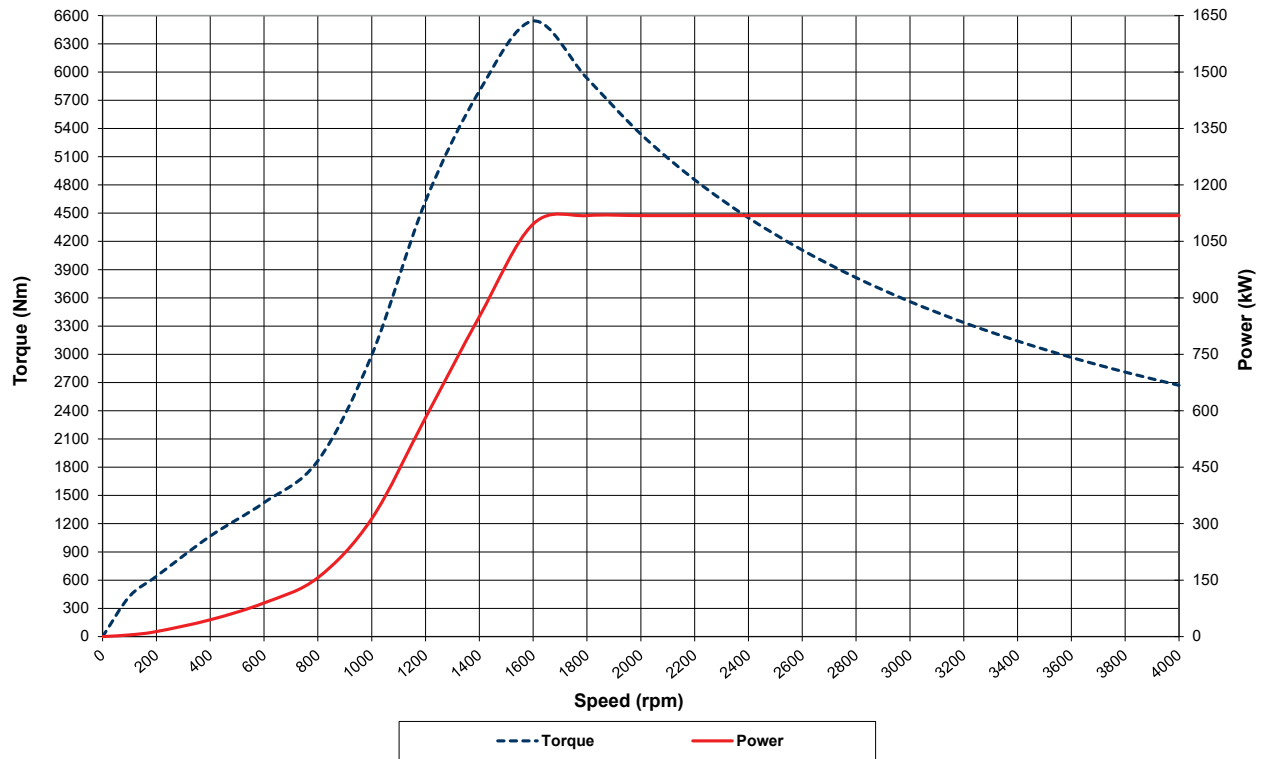
- Container 2, facility support
- Bulk oil storage 100 gal (378 L)
- Water Treatment System (WTS)
- Generator



MTC-1500 (US Customary)



MTC-1500 (S.I.)



Everything you need to succeed

