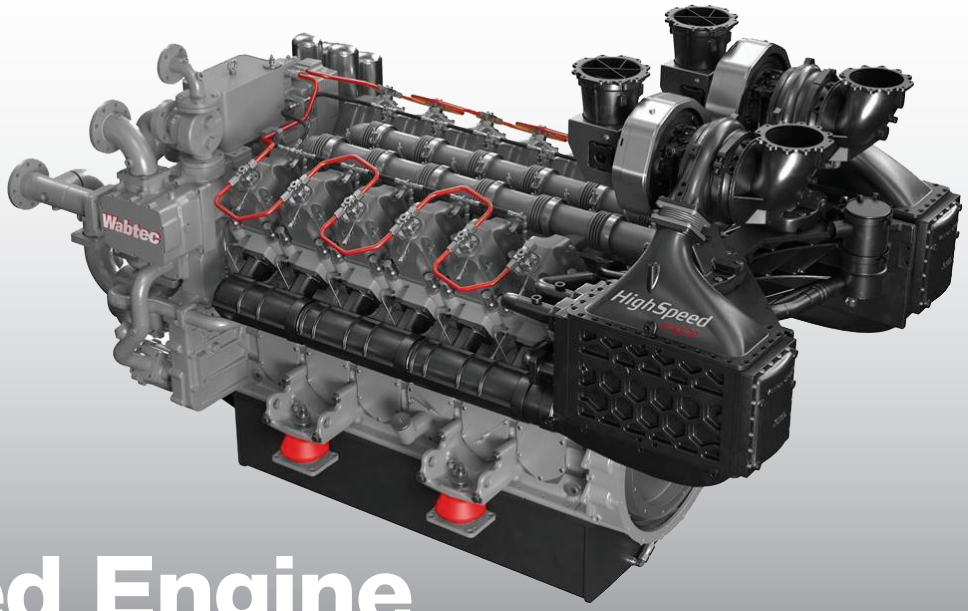
Wabtec CORPORATION



Fact Sheet

High-Speed Engine

The High-Speed Engine platform is Wabtec's newest development program

It is a smaller, more power-dense, high-speed engine platform leveraging the company's deep expertise in engine technology developed for use in locomotive, marine and power generation applications.

The new high-speed engine provides best-in-class fuel efficiency and lower life cycle costs. When compared to competitive rail high-speed engines, it saves customers $12,000 in fuel and $4,000 in services annually. The platform consists of 12- and 16-cylinder configurations, with a maximum-rated power of 1,865kW (2,500hp) and 2,500kW (3,350hp) respectively. The design meets the emission standards for both the European Union's Stage III A/B and the International Union of Railways' UIC Stage I/II.

The engine is ideal for shunter and light-weight locomotive markets. The first engines were delivered in 2019 to Kazakhstan Temir Zholy and are being used to power 300 shunter locomotives ordered in early 2018.

Quick Facts

- Best-in-class fuel efficiency
- Meets European Union's Stage III A/B and the International Union of Railways' UIC Stage I/II
- 12- and 16-cylinder configurations
- 1,865kW and 2,500kW
- $16,000 in fuel and services savings annually
- Saves 6,000+ gallons of diesel per year

Cylinder # / Configuration	12V	16V
Locomotive Application	Shunter/Light-Weight Locomotive	Shunter/Light-Weight Locomotive
Maximum-Rated Power, kW/hp	1,865kW / 2,500hp	2,500kW / 3,350hp
Engine Operating Speed (RPM)	1,800	1,800
Maintenance Intervals (days)	184	184
Major Overhaul Intervals (MW hours)	18,750	24,750
Emissions Level	UIC I/II or EU III A/B	
Height	2,212mm (87.1in)	2,267mm (89.3mm)
Length	3,393mm (133.6in)	3,919mm (154.3in)
Width	1700mm (66.9in)	
First Customer	Kazakhstan Temir Zholy	
First Delivery	2019	