

PRESS RELEASE

Zeppelin Group to Supply Engines to Harsco Rail Europe

Power Systems business unit will equip 36 multi-purpose vehicles

Hamburg, 06/05/2018. At the beginning of 2018, Harsco Rail Europe ordered a total of 36 Caterpillar diesel engines for multi-purpose vehicles (MPV) from Zeppelin Power Systems. These will be used in carrying wagons for Swiss Federal Railways trolley system vehicles, and Zeppelin Power Systems will deliver the first batch of engines in autumn 2018.

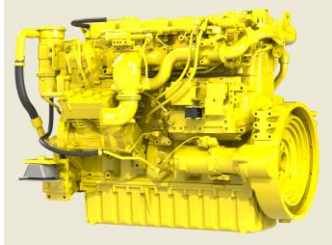
The 36 self-driving vehicles include 28 carrying wagons for combined personnel and workshop modules containing a crane/platform, as well as eight vehicles with cable-dispensing structures for installing overhead lines. For the vehicles, Zeppelin Power Systems will deliver Caterpillar C9.3 series engines with closed diesel particle filter systems and a nominal output of 261 kW. These conform to EU emissions class IIIB and will be customized to suit the specific requirements of Harsco Rail.

The Caterpillar engines are standard industrial engines, modified by Zeppelin Power Systems to enable underfloor installation: "The main challenge with this order is making the necessary technical adjustments to the engines," explains Thorsten Meyer, Sales Manager for rail vehicle diesel engines at Zeppelin Power Systems. "Our ability to implement these modifications for installation under the frame is thanks in particular to our engineering team, led by Martin Elias and Ingo Behrens."

This is the first time Zeppelin Power Systems and Harsco Rail have worked on a joint project. "We decided to place this order with Zeppelin Power Systems because the company has already completed a number of highly successful projects in the rail construction maintenance vehicles sector," explains Peter Hopf, Head of Purchasing at Harsco Rail Europe.

Images:

CAD-Models of C9.3 engine for Harsco Rail Europe



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About Zeppelin Power Systems

Zeppelin Power Systems is the official partner of Caterpillar for Cat, MaK and EMD engines and a leading provider of drive, propulsion, traction and energy systems and has been partnering with Caterpillar for 60 years. With about 800 employees, Zeppelin Power Systems offers its customers individual, highly efficient system solutions with comprehensive services for industrial and marine applications, the oil and gas industry, rail vehicles and power generation.

About Zeppelin Group

Zeppelin Group operates 190 sites around the world. In the 2017 fiscal year, its more than 8.000 employees generated sales of 2.75 billion euros. Group-wide collaboration in Zeppelin Group revolves around a management holding company and six strategic business units: Construction Equipment EU (sales and servicing of construction machines), Construction Equipment CIS (sales and servicing of construction and agricultural machines), Rental (rental and project solutions for the construction and industry sectors), Power Systems (drive, propulsion, traction, and energy systems), Plant Engineering (engineering and plant engineering) and Z Lab (new digital business models). Zeppelin GmbH is the Group holding company. It is legally domiciled in Friedrichshafen and has its head office in Garching near Munich. For more information, visit zeppelin.com.

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