

First ever combined screw compressor/PTO for road powder tankers

An important recent innovation in road powder tanker discharge has been the introduction of the MH6 screw compressor system, the outcome of a collaboration between Mouvex of France and Hydrocar of Italy. A catalyst in this development was the European Union's Euro 6 legislation which was introduced in June 2007 and will come into full effect in 2014. Euro 6 imposes stricter limits on exhaust, evaporative and crank-case emissions from road vehicles. For this reason, fleet owners are constantly seeking smaller equipment to install on their trucks.

The resulting MH6 is said to be the world's first combined screw compressor/PTO unit that is compatible with a truck's gearbox, making it especially suitable for dry bulk discharge operations. According to Mouvex it is 70% lighter than competitive screw compressor designs and it is also fast in operation. Belgium-based bulk logistics operator De Dijcker earlier this year installed MH6 units on 15 of its road cement tankers and a further 15 vehicles are to be similarly equipped during the coming months. www.mouvex.com;
www.hydrocar.com



The MH6 unit and (right) when fitted to a road tanker it is quieter and generates less heat than traditional screw compressors