



## New TAURUS generation suitable for operation on Corridor X



Source: ÖBB-Traktion GmbH

The new multi-system locomotive "Taurus 3" 1216 will allow ÖBB-Traktion GmbH for the first time to perform transports on railway networks operating on DC power supply all across Europe – without having to change the locomotive at the borders. As a start, the new locomotive will be used in traffic with Italy and Slovenia. The engine's potential area of operation covers some 1.5 million square kilometers, an area 17 times as large as Austria. On Corridor X, the engine could be used in both passenger and freight traffic from Germany via Austria to Macedonia and Bulgaria, respectively.

This universal locomotive was designed based on the experience gained with the single-system locomotive 1016 and the dual-system locomotive 1116 as well as the latest state of the art in power electronics.

### Technical data:

- Suitable for operation on railway lines with a system voltage of 15kV/16,7 Hz, 25kV/50 Hz, and on railway lines with DC supply and a voltage of 3kV
- Equipped with four pantographs
- Sparing use of energy resources thanks to energy recuperation based on newest technology
- Tare weight 87 tons
- Output about 9,000 HP (6,400 kW)
- Maximum speed 230 km/h
- Maximum trailing load 3,000 tons.

In the period between March 2006 to December 2007, 50 locomotives will be delivered to ÖBB-Traktion GmbH and put into service. The TAURUS Competence Center of ÖBB-Technische Services GmbH in Linz is responsible for assembly and maintenance of the high-performance locomotives.