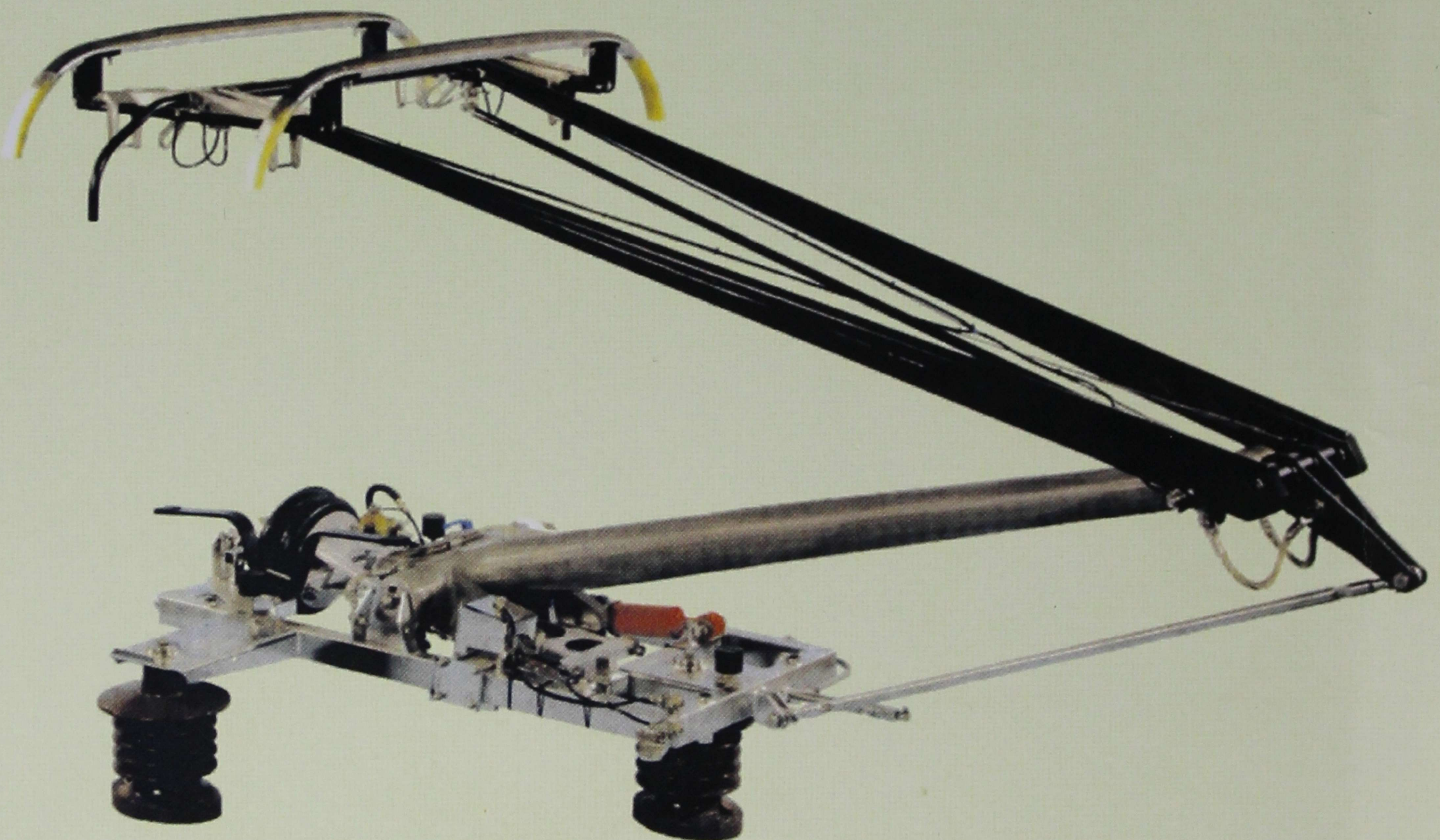


Pantograph for High Speed Trains

DSA 380 EU



The **DSA 380 EU pantograph** is based on the DSA 380 F type (used on German ICE3 trains). The maximum operating speed is 330 km/h. It is designed for operation in AC systems with 15/25 kV and for currents of up to 1000 A. The pantograph head is constructed with a width of **1600 mm** in accordance with the TSI Energy (Technical Specification Interoperability), and can thus be used under corresponding AC catenary. Due to the low mass of the head, the pantograph has excellent dynamic qualities. It is, therefore, not only ideally suited for single traction, but also for double or multiple traction. The optimized kinematics and the good dynamics as a result of the low masses enable the pantograph to be used under catenary with large height differences as well as on modern fast routes with a constant wire height.

BOMBARDIER

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