

Product / Model: **RAILWAY / PK 8501**
Operating Entity: **Turkish State Railways (TCDD)**

RAILWAY– 65 two-way vehicles for the Turkish State Railways

PALFINGER RAILWAY equipped 65 maintenance vehicles from Zagro Bahn und Baumaschinen for the Turkish State Railways (TCDD).

The prototype of the two-way maintenance vehicle was assembled by Zagro in Germany and ceremoniously handed over to the TCDD on 20th September 2006. The following 64 vehicles were completed directly in Turkey, in Tarsus by Koluman Kögel. The maintenance vehicles with team cabins for nine people and loading space for 4,000 kg are mounted on a Mercedes Actros 4x4 1832 AK chassis.

The hydrostatically driven rail travel unit with a tractive force of 50 tonnes achieves a speed of 50 km/h (30 miles/hr) in both directions. On the rear of each vehicle is a CE-compliant PALFINGER RAILWAY CRANE PK 8501 with four extensions, combined cable and radio remote control, rotator-grab operation and hydraulically extendable support outriggers to avoid injuries on elevated track. They are equipped with the PALTRONIC 50 RAILWAY version to achieve a height limitation and lifting power regulation for the supported (full lifting power) and unsupported condition (reduced lifting power). These cranes meet the special requirements for railway maintenance work in every respect having a specially lengthened and reinforced support cylinder to ensure ground clearance in road operation despite adequate support depth on rail, earthing of all joints and extension booms with a 50 mm² copper cable and a mechanically and electrically controlled boom locking system for travel over terrain.

