

Product / Model: **RAILWAY / PKR 750**

Operating Entity: **AB Sjölanders/SRS (Swedish Rail Systems)**

PKR 750 ON TWO-WAY VEHICLE EFFICIENT ERECTION OF LATTICE GIRDER SUPPORTS ALONG THE WEST COAST MAIN LINE IN THE UK

In the search for a cost-efficient solution for the renewal of lattice girder, AB Sjölanders/SRS (Swedish Rail Systems), in collaboration with PALFINGER, developed an extremely functional two-way vehicle.

The vehicle equipped with a PKR 750 made it possible to accommodate diverse criteria: As the vehicle is designed to travel on road as well as on rail, the work sites, which are often difficult to access, can be reached without having to build cost-intensive access routes. Thanks to the special crane geometry of the PALFINGER RAILWAY crane it is no longer necessary to dismantle the overhead contact lines before erecting the horizontal lattice girders.

The key feature of the PKR 750 is the knuckle boom which can be angled upwards. As a result of this facility, work can be carried out particularly efficiently in an extremely restricted space under existing overhead contact line and signal systems.

The contact wire, bracket and signal equipment are optimally protected from damage and therefore do not have to be dismantled before the start of the crane operations. Whereas the conventional erection method involving the use of two road cranes took 12 hours, it now takes just 30 minutes to erect the lattice girder!

