

Product / Model: **Railway / PA 19000**  
Operating Entity: **CFS (Chemins de Fer Syriens)**

## High-End Bridge Inspection for the Syrian Railway

The modernization of the railway system has been top priority for the Syrian government for several years. The railway operator responsible, CFS (Chemins de Fer Syriens), is in charge of a network which includes roughly 200 bridges. These bridge constructions – of which the largest measures approximately 100 meters in height – are inspected and maintained at regular intervals. For the Syrian railway's modernization plans, three bridge control and inspection vehicles by Plasser & Theurer, model OBW 10.300, have been ordered for the efficient employment across the entire railway network.

All three maintenance vehicles are equipped with a PALFINGER PA 19000 bridge inspection unit. Bridge inspection units by PALFINGER have proven their dependability for many years and on numerous railway cars. They are distinguished by an especially large working area both below and above track level. Equipped with electric and pneumatic energy in the work basket, the units can also be employed for extracting material samples and for carrying out specialized repairs.

The extensive work-range above track level (24 meters!) also allows work on special timber-framed bridge constructions, tall supply line poles, as well as on light and signal equipment. All movements of the unit can be operated very precisely and proportionally by remote control directly from the work basket. A robust slewing system and the three individually manoeuvrable booms provide the unit with superior mobility, making efficient and speedy inspection and maintenance work possible and allowing safe access to all positions, whether on, under or over the bridge.

