

THREADER RAIL MACHINE MQ-PC-12

TECHNICAL DATA



- Engine : Air cooled. Diesel Power from 9 c.v. at 3.000 r.p.m. Lombardini 15LD-500
- Lifting capacity: 12 Tons
- Self-propelled machine
- Two Travelling Speeds : 5 and 12 Kms/h
- Weight approximatly: 1160 Kg.
- Dimensions: 4,16 x 1,73 x 1,9 m.
- Light for night work
- Driver´ s seat and control desk with linear lever for all hydraulic functions

- ① In the renewing track operations, once we have removed the old track by means of the gantries, and have set the new sleepers onto the railroad bed, the next step consists of lifting and placing the two rails, that were just laid alongside the temporary track, onto their final position on the ties. In the past, this task was made by human groups of six or eight persons. The problem was solved, thanks to the Threader Rail Machine which enables just a man to accomplish this activity.
- ② This machine rides on the rails just like the gantry cranes, but can also support itself directly on a tie. By doing this it can lift the rails, and shift them inwards over the ends of the ties, to the required track gauge.
- ③ The functioning of all the components is completely hydraulic, which permits the operator to perform his activity without moving from the seat at any time.
- ④ Once the machine has been placed onto the rails, we have to grab the threaders and activate the elevation, to start setting the rails step-by-step in the proper track gauge as mentioned. This is possible by means of the transversal displacement device of the replacing machine.
- ⑤ The functioning of clamps is completely hydraulic. These are made of several gyratories rollers, which allow the movement of the machine without being necessary to unfasten them. This implicates a great advantage and a manifest increase of profitability.

☞ The Maquivias Rail Threader is manufactured in a safe and competent manner in line with industry standards and all functions comply with the CE requirements.