



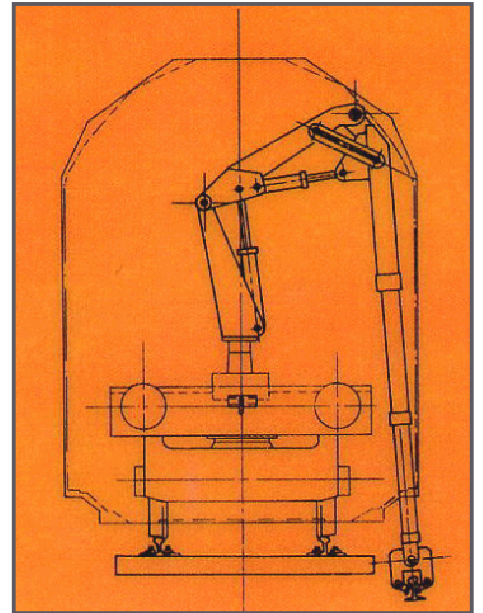
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TELESCOPIC CRANES FOR MOVING 36 MT LONG RAILS

GMR 7



Telescopic cranes GMR 7 can operate in three different ways :

- recovery of 36m long rails left on either side of the track by the rail replacer.
- in-station pick up of rails (set of five) from wagons on the adjacent track.
- setting up and recovery of the service track.

Telescopic cranes GMR 7 are controlled by means of a push-button unit that can be made to :

- jointly control of all cranes.
- singol control of each crane.

A unique operator on the wagon at the head of the train can control all of the GMR 7 cranes along the line, picking up the rails on either side of the track.

Visibility conditions permitting, the operator can control GMR 7 cranes from an appropriate flying push-button unit, or, optional, it's possible to install a video-camera with display on the locomotive so as to permit to control the GMR 7 without having to move.

In place of the electric push-button unit, an optional remote control is available that makes work easier to follow and quicker to perform.

Hooking and release of the rails is made by means of an electric hydraulic control without any manual intervention, for operator's maximum safety.

It's possible to lift up and handle up to 56 rail of 36 meters length on four levels of 7+7.

Motorization of the four GMR 7 cranes is controlled by a single hydraulic unit and each crane is made of:

- a rotating column on a 360° swivel base to which is fixed the first arm and the telescopic pick-up pincer arm
- a push-button control unit
- five solenoid valves
- five oleo-dynamic cylinders one of which telescopic in three sections.

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Azienda con sistema di gestione
per la qualità certificato
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