

Mini Railcar Mover

Use

- **Thrust and brake capacity: up to 150 tons on level plane tracks**
- **Use on level plane and embedded track systems**
- Appropriate for track pits
- To fit any track gauge from 1000 mm to 1668 mm
- Safe starting and braking operation via the continuously controlled hydraulic drive (speed 3 – 5 km/h)
- Coupling in right-angled position to the wagon wheel (guide wheel diameter from 920 mm to 840 mm)
- Can be easily moved to the track location thanks to its rubber tired wheels
- Swivelling control handle for dual directional capability: move the wagons in either direction without removing the unit
- Gasoline, diesel or gas engine options available
- Radio remote control option available
- Licensed by the Deutsche Bundesbahn Researching Institute of Minden

Operation

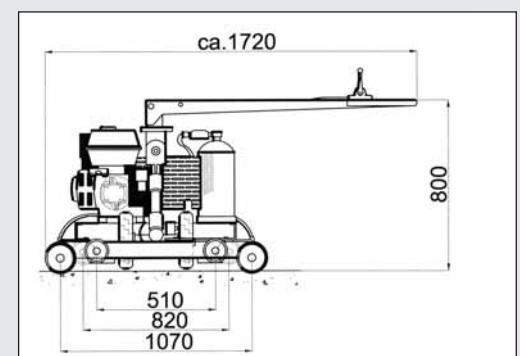
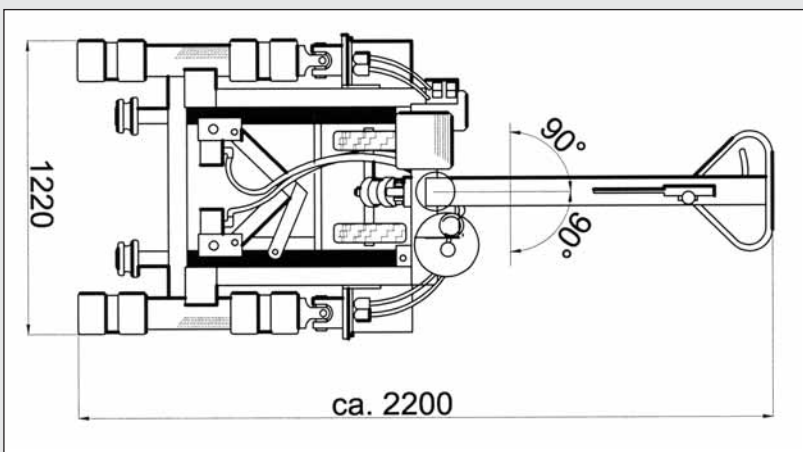
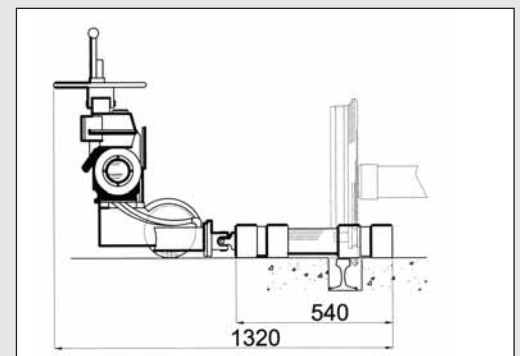
To initiate the shunting operation, put the Mini Railcar Mover in right-angled position to the wagon wheel and push it forward to the stop bar. Then lift the chassis so that the unit rests on its four rubber wheels. By actuating the control valve, two steel rollers connected by a clamping cylinder are pressed against the flanks and back of the wagon wheel flange. The required coefficient of friction between the four drive rollers and the ground is reached due to the contact pressure of the steel rollers. The unit is set into motion by actuating the control lever. Shunting direction is forward, in direction of view. To change the shunting direction, swivel the control handle by 180 degrees.



Move to the track location



Coupled to the guide wheel



Mini Railcar Mover		Gasoline / gas engine	Diesel engine
Push/pull capacity on level plane	t	150	150
Width	mm	1260	1260
Height	mm	1000	1000
Weight	kg	275	275
Diameter of steel wheels	mm	100	100
Diameter of drive wheels	mm	140	140
Max. speed	km/h	5	5
Engine type		One-cylinder 4-stroke	One-cylinder 4-stroke diesel
Cubic capacity	cm ³	340	410
Engine output	HP	8.1 kW / 11 HP	6.6 kW / 9 HP
No. of revolutions	rpm	3600	3600