



912DS RAIL



10 tonne articulated dump-truck with rail wheels

Hydrema's factory mounted rail wheel system is an option specifically designed for the Hydrema 912DS. With just a limited number of modifications, Hydrema's 2-axle dumptruck is particularly well-suited to working on railway tracks. Driving onto and off the tracks is easy thanks to the pivot steering system and the dumptruck's integrated cameras. Thanks to the pivot steering, simply turning the steering wheel enables the dumptruck to be correctly lined up on the rails. The cameras ensure the best possible view of the rail wheels when they are lowered. The MultiTip function is a "must" when laying out aggregates or similar products along the railway tracks.



HYDREMA



Construction:

The standard version of the 912DS Rail is mounted with a body with MultiTip, which means the load can be tipped in a 180° range. The rail wheel construction is bolted onto the chassis and mounted with hydraulic quick couplings so the rail wheels can be removed for optimal use of the truck's load capacity and road- and terrain-handling characteristics.

Rail wheels:

The two rail wheel axles are mounted on specially designed brackets fitted directly on the dump truck's chassis. The sequence-controlled hydraulic system for raising/lowering the wheels is designed to alternate between running on the railway tracks and driving on terrain.

Dimensions:

Unladen weight:	10,000 kg
Load capacity:	8,000 kg
Width:	2,470 mm (std. wheels)
Wheelbase:	3,080 mm
Wheelbase:	4,895 mm (rail wheels)
Track:	1,860 mm
Ground clearance:	125 mm (rails)
Body volume:	5,6 m ³
Speed:	30 km/h
Tyres:	600/55-26.5 Twin (std.)
Engine:	131 hp - 516 Nm at 1400 rpm
Transmission:	ZF WG115 - 6-trins ErgoPower

Operation:

The two rail wheel axles are operated from the cab by means of the joystick for the gear shift / dump truck body in the right-hand armrest. Together, the sequence-controlled hydraulics and the camera solution ensure that the rail wheels are placed safely and correctly.

Equipment:

- ◆ 600/55-26.5 Twin tyres
- ◆ Camera system
- ◆ MultiTip
- ◆ 8 Megabeam working lamps

Option:

- ◆ Michelin BiBX Cargo tyres
- ◆ Central lubrication system
- ◆ Air-suspended seat
- ◆ Automatic body return



Rail wheels, front



Rail wheels, rear

