



912DS

RAIL



10 tonne articulated dumptruck 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.



TECHNICAL DATA:

912DS
RAIL

Construction:

We recommend the 912DS RAIL mounted with a Multi-Tip body enabling the load to be tipped in a 180° range. The rail wheel assemblies are bolted to the chassis and fitted with hydraulic quick couplings allowing the rail wheels to be easily removed so the truck can be converted back for standard earthmoving duties.

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.....	22,000	lb
Load capacity.....	17,600	lb
Width (std. wheels).....	8'1	'
Wheelbase.....	10'1	"
Wheelbase (rail wheels).....	16'1	"
Track.....	6'1	"
Track (rail wheels).....	4'8	"
Ground clearance (rails).....	5	"
Body volume.....	7,3	yd ³
Speed (on road).....	24	mph
Speed (on tracks).....	35	mph

Tires: 600/55-26.5 CargoXbib

Engine: 131 hp - 516 Nm at 1400 rpm

Transmission: ZF WG115 - 6-steps 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.

Standard equipment:

- ◆ 600/55-26.5 Twin tires
- ◆ Suspended front axle
- ◆ Suspended cab
- ◆ Outer side mirrors with heating - front
- ◆ Wheel button
- ◆ Automatic tipping speed adjustment
- ◆ Automatic tipping brake
- ◆ Red lighting - inside cab (for night use)
- ◆ Seat heating
- ◆ Radio with CD and MP3
- ◆ Rotating beacon
- ◆ 8 Megabeam working lights
- ◆ Automatic AC

Optional equipment:

- ◆ Rail Kit*
- ◆ 600/55R-26.5 CargoXbib tires (*required)
- ◆ Electrically adjustable mirrors
- ◆ MultiTip
- ◆ Rear view camera
- ◆ Extended upper body edge
- ◆ Extension of rear body edge 400 mm
- ◆ Rear lights protection
- ◆ Central lubrication system
- ◆ Xenon lights: 4/front, 2/rear, 2/side
- ◆ GPS track unit



Rail wheels, front



Rail wheels, rear

