

912 Series Dump Trucks.

912F 912FS 912HM



A unique combination of articulated center pivot, wide wheels and high ground clearance - for superior off-road performance!

Key features

- 10 ton articulated compact dumptruck
- Superior off road performance
- Low machine weight - low ground pressure
- Simple to operate, very safe and robust
- Well suited as a rental machine
- Low fuel consumption - idle-stop

Also available as Rail machine

Hydrema US Inc.
4515 Hemingway Trail
Cumming, GA 30041

Phone: +1 404 614 1747
sales.us@hydrema.com
www.hydrema.us

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Technical data.

Chassis

Articulated chassis with center pivot, and two double acting hydraulic stabilizers. The stabilizers gives very high stability when driving and tipping. Optional the pivot oscillation can be locked. The fuel- and hydraulic tanks are integrated in the front frame. Fuel tank : 37 Gal. AdBlue tank: 5 Gal. Pivot oscillation +/- 12 °.

Axles

The 912F has fixed axles. The 912FS and HM has electrohydraulic suspension, with two independent suspension cylinders on the front axle. The axles have planetary hub reduction, and separate oil reservoirs in the hubs. The front axle has an automatic limited slip differential lock, and the rear axle has a 100% electrohydraulic differential lock.

Transmission

Automatic ZF WG 115 ERGO POWER transmission, with 6 forward and 3 reverse gears. Electronic soft shift control system without traction interruption. Automatic or manual gearshift over joystick pushbuttons. Constant 4 wheel drive.

Brakes

Dual circuit hydraulic servo system, with oil immersed brake discs at all 4 wheels. The brakes are self-adjusting and maintenance free. The parking brake is a maintenance free electrohydraulic fail-safe brake activating the brake discs in the front axle.

Dumptruck body

A 7.3 yd³ robot-welded body in high tensile steel.

Engine

Cummins QSB 4.5L stage 4 with DOC and SCR catalyst with AdBlue additive. 16 valve Common rail turbo diesel engine with intercooler, electronic variable turbocharger and EGR with cooling. Max. Power: 147 Hp (108 kW) at 2000 rpm. Max. Torque 440.3 ft.lb. at 1500 rpm.

180° MultiTip (optional)

Compact body swivel system, driven by two double acting cylinders. The system makes it possible to dump the load continuously over a 180° slew range. Robust system mounted on a large slewing ball bearing.

Hydraulic system

Hydraulic pump with 84 L/min for tipping and steering. Priority valve for steering. Separate pump for brakes and stabilizers.

Steering

Hydrostatic load sensing pivot steering with two double acting cylinders, priority valve and integrated emergency steering. Steering cylinders with damping. Max, steering angle +/- 35°.

Operator cab

Spacious ROPS/FOPS approved cab with suspension and excellent view. Mechanical or air suspended seat. Adjustable steering wheel and multi-joystick control.

Dimensions

		912F	912FS	912HM
Machine weight	lb	16,028	16,623	18,210
Machine weight with MultiTip	lb	17,041	17,637	19,244
Carrying capacity	lb	22,046	22,046	22,046
Tire size		600/55-26.5	600/55-26.5	800/45-30.5
Width over tires	ft'in"	8'2"	8'2"	9'5"
Height (cabin)	ft'in"	9'	9'	9'5"
Ground clearance	ft'in"	1'5"	1'5"	1'8"
Wheelbase	ft'in"	10'1"	10'1"	10'1"
Total length	ft'in"	19'6"	19'6"	19'6"
Body volume	yd ³	7.3	7.3	7.3
Turning radius	ft'in"	20'	20'	20'8"
Ground pressure (full load)	psi	18.1	18.4	12.7



MultiTip option Compact slewing system with rapid 180° dumping.



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