

# 922G

## 4X4 MULTICHASSIS



### A POWERFUL MULTICHASSIS – IDEAL FOR EFFICIENT VERSATILE CONSTRUCTION TASKS

- 19,5 ton payload capacity
- Dual axle, articulated multichassis
- Very low ground pressure
- Superior terrain handling
- Market-leading power-to-weight ratio
- Unmatched stability

Hydrema

Email: [hydrema@hydrema.com](mailto:hydrema@hydrema.com)  
[www.hydrema.com](http://www.hydrema.com)

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# TECHNICAL DATA

## CHASSIS

Articulated chassis with pendulum bar and double hydraulic stabilizers in the center pivot. Gives a high degree of stability both when driving and dumping. Fabricated in high tensile steel in order to obtain the highest possible strength and the lowest possible empty weight. Fuel tank 300 l. Ad Blue tank: 31 l. Oscillation: +/- 12°.

## ENGINE

Cummins B6.7 liter 6 cyl. Stage-V engine with DOC, DPF and SCR catalyst with Ad-Blue additive. 24-valve common rail turbo diesel with intercooler and electronic variable turbocharger (used for engine brake). Max. Power: 231 kW/314 HP at 2000 rpm. Max. Torque: 1288 Nm at 1500 rpm

## AXLES

**FRONT AXLE:** Rigid axles with electronically controlled suspension and level control. Individual level control on each side aligns the machine in optimal position. The front axle has a differential lock with 75% locking action.

**REAR AXLE:** Heavy duty axle with planetary drive. Simple and maintenance-free design. The rear axle has a differential lock with 100% locking.

## HYDRAULIC SYSTEM

Consists of 5 hydraulic pumps:

**PUMP 1:** 31 l/min constant flow pump for brakes, stabilizer, differential lock and suspension.

**PUMP 2:** 185 l/min variable pump for articulated steering.

**PUMP 3:** 195 l/min constant flow pump for multichassis functions.

**PUMP 4:** 195 l/min constant flow pump for additional retarder power.

**PUMP 5:** 64 l/min variable flow pump for emergency steering.

## TRANSMISSION

ZF ERGOPOWER 6WG-210 aut. transmission with 6 forward and 3 reverse gears. The transmission is equipped with 100% lockup in all gears and manual activated differential lock between the front and rear. Automatic or manually gearshift.

Max speed: Forward: 50 km/h - Reverse: 31 km/h.

Max. tractive effort: 223 KN

## ELECTRICAL SYSTEM

Standard 24V system with 70 Amp. alternator. Batteries: 2x 12V, 100Ah.

## STEERING

Servo activated hydrostatic steering. Separate variable pump for steering function. Max. steering angle: +/- 38°

## BRAKES / RETARDER

Full dual-circuit brake system with oil immersed disc brakes on all wheels. Fail-safe parking brake on the front axle. Maintenance free brakes. Manually operated retarder which is a combination of engine brake and hydraulic retarder. Max. Retarder Power: 230 kW/312 hp

## SAFETY

Additional safety is provided via a rearview camera that provides improved visibility and complies with the ISO 5006 standard. A brake indicator alerts you if the brakes are at risk of overheating.

## CAB

Spacious ROPS/FOPS approved cab with viscous mounts and excellent view. Air suspended seat with ventilation and longitudinal damping. Adjustable steering wheel and multi-joystick control.

## DIMENSIONS

		FRONT	REAR
Tires		EM 650/65 R25	EM 775/65-R29
Machine weight	kg		12.800
Carrying capacity	kg		19.500
Width over tyres	mm	2980	3040
Height (cabin)	mm		3490
Ground clearance	mm		480
Wheelbase	mm		4045
Total length	mm		7645
Turning radius	m		7,6
Ground pressure, unloaded	kPa	82	46
Ground pressure, loaded	kPa	105	174



Subject to change. Photos may be shown with optional equipment.

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