

# Hydrema

Move 10 tonne in one go!



**HYDREMA**

Introducing  
the Hydrema  
912C Multi-tip  
Dumptruck  
available for  
hire from TCP

This versatile dumptruck with a 10 tonne load capability is fitted with low ground pressure tyres, designed to get the job done over a variety of terrains in an economic and efficient manner. Constant 4WD is transmitted through a powershift transmission with torque converter, from the powerful turbo diesel engine.

Flexible and comprehensive service from an experienced specialist company.

- 10 tonne carrying capacity
- 1050mm tipping clearance
- Rear and side tip
- 6m turning radius
- 4 wheel-drive transmission

*“Keeping you working”*

## Chassis

Articulated chassis in strong box section construction with integral axles. Patented centre pivot with pendulum bar and two hydraulic stabilizers. Pivot is supplied with heavy duty special bearings with seals. Fuel tank and hydraulic tank fully integrated in front chassis.

## Steering

Hydrostatic load sensing pivot steer with double acting cylinders. Priority valve for steering and integrated emergency steering. Steering angle (max) +/- 35°.

## Axles

Rigid heavy duty axles with planetary hub reduction. Automatic limited slip differential lock on rear axle. Separate oil chambers for differential and hub.

## Brakes

Twin circuit servo hydraulic oil-immersed multi-disc brakes on all four wheels. Self-adjusting and maintenance free. Handbrake: Maintenance free fail safe parking brake with electro hydraulic activation of discs within the front axle.

## Tyres

Twin tyres 600/55-26.5. As an option 17.5-25 EM.

## Diesel Engine

Perkins 1004-40TW FASTRAM – 4 cyl. turbo diesel engine with intercooler and fuel injection. 90.5kW/123hp at 2200 rpm. Max. torque: 430 Nm at 1500 rpm. Oil cooled pistons. Dry air filters with backup system. Fulfils the EEC stage 1 and 1999 U.S. EPA and California regulations for exhaust emissions. 140l fuel capacity.

## Transmission

ZF 6-speed full power shift "ergopower" transmission with full electronic monitoring. Electronic controlled pressure on declutching ensures totally soft gear shifts without losing tractive power. (6 forward / 3 reverse). Max speed: 40 km/h.

## Hydraulic System

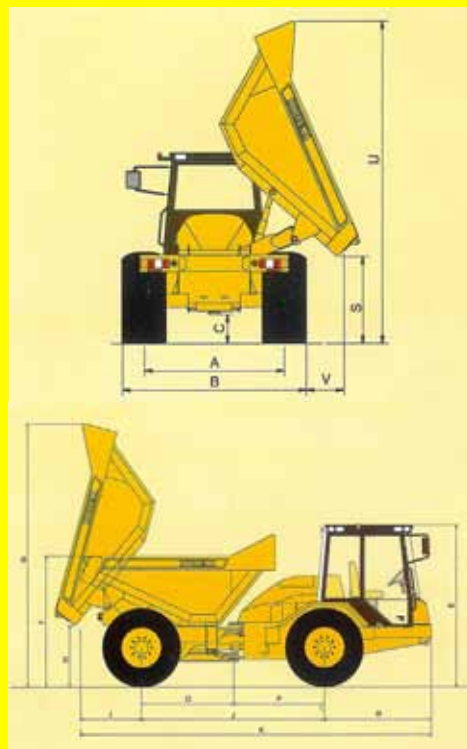
Hydraulic pump, max flow: 94l/min with priority to steering. Separate pump for brakes and stabilisers. Pressure max.: 200 bar. Oil capacity: 80l.

## Body

Manufactured from high tensile steel. Capacity: 5.6m<sup>3</sup>. Tipping time is 6 sec. Double acting cylinders tilt the body to an angle of 75°.

## Multi-tip

Compact swing system made for quick dumping at rear end and both sides. Swing system suspended at rear end and both sides. Swing system suspended in strong ball bearing. Revolving function by means of two double acting cylinders. Tipping function by means of two telescopic cylinders. Tipping time: 6 sec. Tipping angle: 67°.



A	1870mm	Track
B	2470mm	Overall Width, standard tyres
	2170mm	Width over optional tyres
C	400mm	Ground clearance
D	2210mm	Width, dump body
E	2660mm	Max. height, transport
F	2170mm	Body height for loading
G	4215mm	Max. height for tipping
H	1050mm	Tipping clearance
I	1000mm	Overhang, rear axle to scow-end
J	3030mm	Wheelbase
K	5800mm	Overall length
L	28°	Approach angle
M	75°	Departure angle
S	1250mm	Tipping clearance
T	2320mm	Body height for loading
U	4350mm	Max. height for tipping
V	500mm	Overhang, rear tyre to body

## Specifications

Total Weight (kg)	16,500
Nett Weight (kg)	6,500
Carrying Capacity (kg)	10,000
Front Axle Load (unladen) (kg)	3,800
Rear Axle Load (unladen) (kg)	2,700
Front Axle Load (laden) (kg)	6,000
Rear Axle Load (laden) (kg)	10,500
Body Capacity (m <sup>3</sup> )	5.6
Turning Radius (m)	6.0