



DIESEL ENGINE

YANMAR 4TNV88, naturally aspirated
 Mechanical control with direct injection
 Max. power 36.9 kW - (49 Hp)
 Adj. power 32 kW (44 Hp) at 2,600 rpm
 Max. torque 139 Nm at 1,200 rpm
 Bore/stroke: 88/90 mm
 4 cylinders - total displacement 2,190 cc
 Water cooling, dry air filter
 Directive 2004/26/CE - Stage III A

ELECTRIC SYSTEM

Alternator: 12 V - 40 A
 Battery: 12 V - 80 Ah (400 A)
 Road light system.

4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with variable displacement pump and variable displacement hydraulic motor with electro-hydraulic control, and reverse gear control on the steering wheel. Mechanical gearbox for "working speed" and "road transfer" speed, with mechanical control.

SPEED

4 forward gears 4 reverse gears
 I° 0 - 5.0 Km/h 0 - 5.0 Km/h
 II° 0 - 7.2 Km/h 0 - 5.0 Km/h
 III° 0 - 14.2 Km/h 0 - 14.2 Km/h
 IV° 0 - 20.2 Km/h 0 - 14.2 Km/h
 Traction / weight ratio 55%

AXLES AND WHEELS

Front load-bearing, oscillating ($\pm 7^\circ$) with planetary reduction gears on the wheel hubs.
 Rear load-bearing with planetary reduction gears on the wheel hubs and directly flanged gearbox.
 Tyres 12.0/75-18 12PR

BRAKES

Internal oil-bath disc service and emergency brakes acting on the 4 wheels, activation with pump on independent dual circuit.
 Drum parking brake on the front axle with lever control.

STEERING

Assisted by means power steering acting on 2 half-frames by means of two opposed jacks.

EQUIPMENT HYDRAULIC SYSTEM

Gear pump
 Max. flow rate: 35 litres/min.
 Maximum pressure: 170 bar
 2 - elements distributor.
 Aluminium heat exchanger for hydraulic oil cooling.
 Pressurised closed-circuit intake with oil filter replaceable from the outside.

DUMP BODY

Dump body tilting by means of 1 double-acting jack. Orientation over 180° for trilateral unloading by means of two opposing jacks.
 Struck capacity 2,000 litres
 SAE heaped capacity 2,700 litres

CAB

Open cab designed according to ROPS & FOPS Lev. I criteria, windows on three sides.
 180° pivoting driving post. Anatomic seat with flexible suspension and height adjustment, seat belts.
 Driving and equipment controls with ergonomic arrangement.
 LCD TV display with camera for rear visibility.

SERVICE REFILL CAPACITIES

Fuel tank: 46 litres
 Total hydraulic system capacity: 67 litres
 Engine oil: 7.07 kg

WEIGHTS

Operating weight: 3,400 kg
 Max gross weight: 7,400 kg
 load-carrying capacity: 4,000 kg