



### 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 - 7.2 Km/h  
 III° 0 - 14.2 Km/h 0 - 14.2 Km/h  
 IV°  0 - 20.2 Km/h 0 - 20.2 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.

### 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