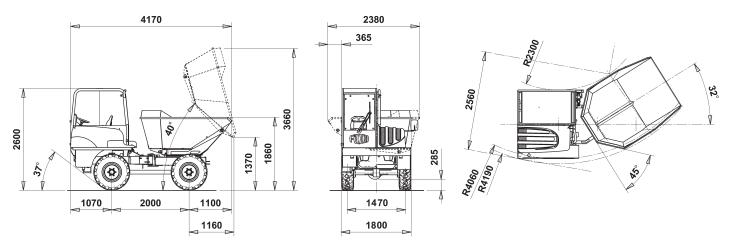


# **DUMPER SYSTEM**

# D 40



DIESEL ENGINE	Stage IIIA / Tier 3	Tier 4 Final	Stage V
Model:	YANMAR 4TNV88	KOHLER series KDI 1903 TCR	KOHLER series KDI 1903 TCR
Type :	Aspirated	Turbo Common Rail (DOC)	Turbo Common Rail (DOC+DPF)
Total displacement, no Cylinders:	2190cc - 4 in line	1861cc - 3 in line	1861cc - 3 in line
Injection :	Direct with mechanical control	Electronic control with direct injection	Electronic control with direct injection
Cooling :	air water, dry air filter	air water, dry air filter	air water, dry air filter
Max. power:	36,9 kW (49 Hp)	42 kW (56 Hp)	42 kW (56 Hp)
Adj. power :	32 kW (44 Hp) a 2600 rpm	42 kW (2600 rpm)	42 kW (2600 rpm)
Max. torque :	139 Nm a 1200 rpm	225 Nm a 1500 rpm	225 Nm a 1500 rpm
Alternator :	12V - 40 A	12V - 55 A	12V - 55 A

# ELECTRIC SYSTEM

Battery: ...... 12 V - 80 Ah (400 A) Road light system, rear working lights.

#### **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**

#### **AXLES AND WHEELS**

Front load-bearing, oscillating (± 7°) 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**

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.

#### 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 kg

#### WEIGHTS

Operating weight:	3400 kg
Max gross weight:	7400 kg
load-carring capacity:	4000 kg