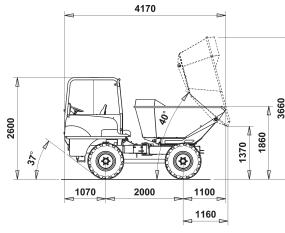
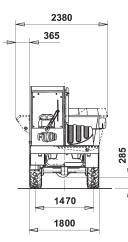
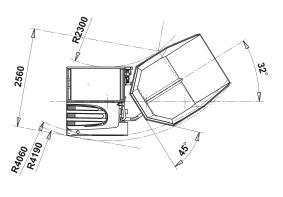
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DUMPER SYSTEM

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 Intercooler	Turbo Intercooler
Total displacement, no Cylinders:	2190cc - 4 in line	1861cc - 3 in line	1861cc - 3 in line
Injection :	Direct with mechanical control	Electronic control with Common Rail	Electronic control with Common Rail
Aftertreatment sys. :	-	EGR + DOC	EGR + DOC + DPF
Cooling :	air water, dry air filter	air water, dry air filter	air water, dry air filter
Maximum 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)
Maximum 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

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 forv	vard gears	4 reverse gears
l°	0 - 5.0 Km/h	0 - 5.0 Km/h
ll°	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
Tract	ion / weight ratio	55%

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

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 7	1 double-acting
jack. Orientation over 180° for tr	ilateral unload-
ing by means of two opposing j	acks.
Struck capacity	2000 litres
SAE heaped capacity	2700 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	s
Total hydraulic system capacity:	.67	litres	s
Engine oil:		.7 kç	g

WEIGHTS
WEIGHI

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

According to Directive 2006/42/CE