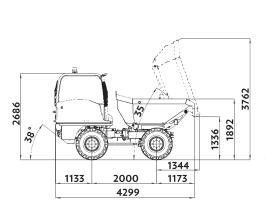
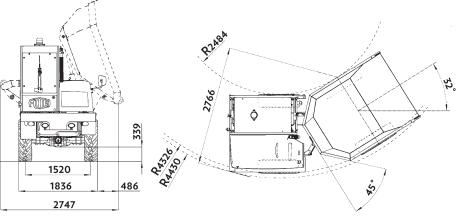


DUMPER SYSTEM

D 50





DIESEL ENGINE	Stage IIIA / Tier 3	Tier 4 Final EPA	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

Battery:
Stage III A 12 V - 80 Ah (560 A
Tier 4 final 12 V - 70 Ah (720 A
Stage V 12 V - 70 Ah (720 A
Led road light system, rear working lights
optional/standard depending on engine type.

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.

SPEED

2 forward gears		2 reverse gears				
l°	0 -	7,1 Km/h	0 -	7,1 Km/h		
II°	0 -	24,0 Km/h	0 -	7,1 Km/h		
Traction / weight ratio 41%						

AXLES AND WHEELS

Front load-bearing, oscillating (± $7^{\circ})$ with planetary reduction gears on the wheel hubs.

Rear load-bearing with planetary reduction gears on the wheel hubs.

Tyres 12.5-18 16PR

BRAKES

Internal oil-bath disc service and emergency brakes acting on the 4 wheels, activation with pump on independent dual circuit.

Negative type parking brake, with internal oilbath discs on the rear axle and electro-hydraulically controlled release.

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:	36 litres/min.
Maximum pressure:	200 bar
2 - elements distributor.	

Aluminium heat exchanger for hydraulic oil cooling.

Pressurised closed-circuit intake with oil filter replaceable from the outside.

DUMP BODY

CAB

Open cab designed according to ROPS & FOPS Lev. I (optional FOPS Lev. II), criteria, windows on three sides. Optional cab doors. Sliding window on cabin door.

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: 50 I	itres
Total hydraulic system capacity:67 I	itres
Engine oil:	7 kg

WEIGHTS

Operating weight:	3500 kg
Max gross weight:	8500 kg
load-carring capacity:	5000 kg