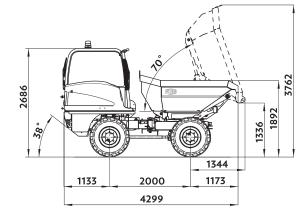
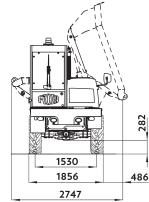
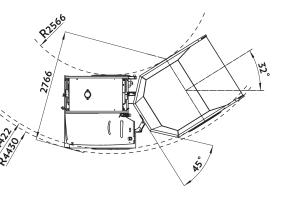


DUMPER SYSTEM

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:	2,190cc - 4 in line	1,861cc - 3 in line	1,861cc - 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) (2,600 rpm)	42 kW (2,600 rpm)	42 kW (2,600 rpm)
Maximum torque :	139 Nm (1,200 rpm)	225 Nm (1,500 rpm)	225 Nm (1,500 rpm)
Alternator :	12V - 40 A	12V - 55 A	12V - 55 A

ELECTRIC SYSTEM

Battery: 12 V - 80 Ah (600 A) Led 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.

SPEED

	forward gears	reverse gears	
Slow	0 - 7.1 km/h	0 - 7.1 km/h	
Fast	0 - 21.0 km/h	0 - 21.0 km/h	

AXLES AND WHEELS

Front load-bearing, oscillating $(\pm 6.5^{\circ})$ with planetary reduction gears on the wheel hubs.

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

Tyres	12.5 -18 16PR
Turf tyres (optional)	. 12.5/80 -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 oil-bath discs on the front 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:	
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

Dump body tilting by means of 1 double-acting		
jack. Orientation over 180° for trilateral un-		
loading by means of two opposing jacks.		
Struck capacity 2,200 L		
SAE heaped capacity 2,750 L		

CABIN

Open cabin 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 L
Total hydraulic system capacity:	74 L
Engine oil:	

WEIGHTS

WEIGHTS	
Operating weight:	3,900 kg
Max gross weight:	8,900 kg
load-carring capacity:	5,000 kg

According to Directive 2006/42/CE