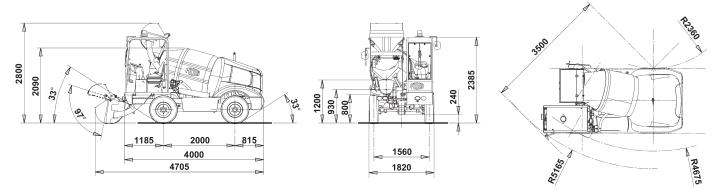
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MIXER SYSTEM

DB X10



DIESEL ENGINE	Stage IIIA / Tier 3
Model :	KOHLER series 1903M
Type :	Aspirated
Total displacement, no Cylinders:	1861cc - 3 in line
Injection :	Direct with mechanical control
Cooling :	air water, dry air filter
Maximum power :	30 kW (42 Hp)
Adj. power :	30 kW (42 Hp) (2600 rpm)
Maximum torque :	130 Nm a 1600 rpm
Alternator :	12 V - 55 A

ELECTRIC SYSTEM

Battery:12 V - 60 Ah (480 A) Standard working light, road light and signalling system (optional).

4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with variable displacement pump and variable displacement two-position hydraulic engine with electro-hydraulic control, and reverse gear control on the steering wheel.

SPEED

2 fc	orward gears	1 re\	/erse gear	
l°	0 - 6,3 Km/h	0-	6,3 Km/h	
ll°	0 - 15,3 Km/h	0 -	6,3 Km/h	
-				

Traction / weight ratio 33%

AXLES AND WHEELS

Rear load-bearing, oscillating (\pm 7.5°) and non-steering with planetary reduction gears on the wheel hubs.

Front load-bearing, steering with planetary reduction gears on the wheel hubs.

Tyres......10.0/75-15.3 14PR

BRAKES

Internal oil-bath disc service brakes acting on the 4 wheels, activation with pump on single circuit.

Parking and emergency drum brakes on the rear axle with lever control.

STEERING

Assisted by means of load-sensing hydraulic steering on 2 front steering wheels.

WATER SYSTEM

"Self-priming" volumetric water pump with guick-suction.

Water pump activation from the driver's seat. Suction selection from the ground with quickcoupling pipes.

MIXING AND UNLOADING

Double-cone drum with double-spiral mixing screws.

Unloading chute with mechanical tilting and rotation.

1 unloading chute extension provided as standard equipment.

SERVICE DEVICES HYDRAULIC SYSTEM

Gear pump

Aluminium heat exchanger for hydraulic oil cooling.

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

LOADER

Loading device with grab bucket and lifting arms controlled by double-acting hydraulic cylinders. Automatic unloading hatch driven by a mechanical lever.

CAB

Open cab designed according to ROPS & FOPS Lev. I.

Anatomic seat with flexible suspension and height adjustment, seat belts.

Driving and equipment controls with ergonomic arrangement.

SERVICE REFILL CAPACITIES

Fuel tank,	.50 litres	5
Total hydraulic system capacity:	.40 litres	ŝ
Engine oil:	7.5 kc	l

WEIGHTS	
Operating weight Max gross weight: load-carring capacity:	5550 kg

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According to Directive 2006/42/CE