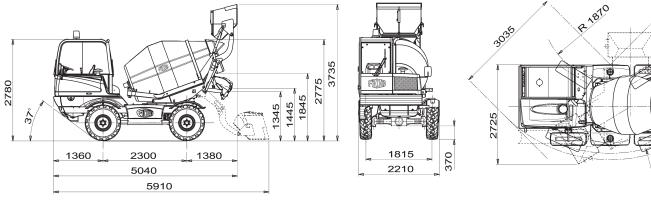


MIXER SYSTEM

DB 260



DIESEL ENGINE	No emission compliance	Stage IIIA / Tier 3	Stage IIIB / Tier 4
Model:	PERKINS serie aspirated 1,104	PERKINS series turbo engine 1,104	KOHLER series turbo engine KDI 2,504 TCR
Total displacement, no Cylinders:	4,400cc - 4 in line	4,400cc - 4 in line	2,482cc - 4 in line
Injection:	direct with mechanical control	direct with mechanical control	Electronic control with direct injection
Cooling :	water, dry air filter	water, dry air filter	water, dry air filter
Max. power:	64.5 kW (87 Hp)	74.5 kW (101 Hp)	55.4 kW (74.3 Hp)
Adj. power :	64 kW (2,400 rpm)	70 kW (2,200 rpm)	55.4 kW (2,300 rpm)
Max. torque :	293 Nm a 1,400 rpm	392 Nm a 1,400 rpm	300 Nm a 1,500 rpm

ELECT		

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 forward gears 2 reverse gears

Ist 0 - 3.5 Km/h 0 - 3.5 Km/h

Ilnd 0 - 7.6 Km/h 0 - 3.5 Km/h

Illrd 0 - 10.4 Km/h 0 - 10.4 Km/h

IVth 0 - 25.0 Km/h 0 - 10.4 Km/h

Traction / weight ratio 40%

AXLES AND WHEELS

Front oscillating (± 7°) and steering with planetary reduction gears on the wheel hubs. Rear and steering with planetary reduction gears on the wheel hubs and flanged gearbox.

Tyres: 12.5-18 / 16 PR

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 front axle and electro-hydraulically controlled release.

STEERING

Assisted by means of load-sensing power steering on 4 steering wheels; steering selection device for: 2 steering wheels, 4 steering wheels - crab steering.

WATER SYSTEM

"Self-priming" volumetric water pump with

Mix Control system for programmable and controlled management of water feeding to the drum and of mixing and unloading from the ground panel. Water feeding to the drum controlled by means of electromagnetic flow meter and fed litre reading on both the cabin display and at the rear of the vehicle.

Water pump activation from the driver's seat and from the ground panel. Suction selection from the ground with quick-coupling pipes.

MIXING AND UNLOADING

Double-cone drum with double-spiral mixing screws and convex bottom.

Drum raising up to the horizontal position by means of 2 double-acting jacks.

Unloading chute with hydraulic tilting by means of a double-acting jack and 180° rotation, independent from the mixing drum inclination. Removable chute, for direct unloading from hopper.

2 unloading chute extensions provided as standard equipment.

EQUIPMENT HYDRAULIC SYSTEM

Gear pump

Chute lever distributor.

Aluminium heat exchanger for hydraulic oil cooling.

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

LOADER

Loading arms with self-compensated kinematic mechanism, double-acting loader lifting and return cylinders, electro-hydraulically controlled hatch with standard Tip-Off function.

Volumetric capacity:510 litres Number of loaderfuls per load:around 7/8

CABIN

Closed cabin with heating system, designed in accordance with ROPS & FOPS 1st Level standards.

Sliding side window

180° pivoting driving post. Anatomic seat with flexible suspension and height adjustment, seat belts.

SERVICE REFILL CAPACITIES

Fuel tank in polyethylene,	90 litres
Total hydraulic system capacity:	100 litres
Engine oil:	9 litres

WEIGHTS

Operating weight:	5,700 kg
Max gross weight:	11,900 kg
load-carring capacity:	6,200 kg