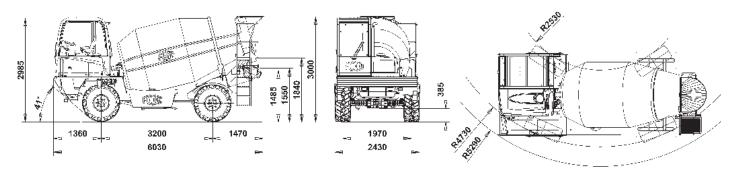


MIXER SYSTEM

DB 560_T



| DIESEL ENGINE | Stage IIIA / Tier 3 | Stage IV / Tier 4 Final EPA | |
|----------------------|--|--|--|
| Model: | PERKINS series 1,104 | KOHLER series KDI 3,404 TCRSCR | |
| Type : | Turbo | Turbo Common Rail | |
| Total displacement : | 4,400cc - 4 in linea | 3,400cc - 4 in linea + DOC + SCR | |
| Injection: | Mechanical control with direct injection | Mechanical control with direct injection | |
| Cooling: | air water, dry air filter | air water, dry air filter | |
| Maximum power : | 83 kW (113 Hp) | 90 kW (122 Hp) | |
| Adj. power : | 83 kW (2,200 rpm) | 90 kW (2,200 rpm) | |
| Maximum torque : | 418 Nm a 1,400 rpm | 500 Nm a 1,400 rpm | |
| Alternator : | 12V - 65 A | 12V - 90 A | |

ELECTRIC SYSTEM

Battery:12 V - 132 Ah (600 A) Road light system, rear working lights.

4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with variable displacement pump and variable displacement hydraulic motor with electrohydraulic control, and reverse gear control on the steering wheel.

Electro-hydraulically controlled mechanical gearbox for "working speed" and "road transfer" speed.

SPEED

| 4 for | ward gears | 2 reverse gears | |
|-------------|--------------------|-----------------|-----|
| lst | 0 - 3.7 Km/h | 0 - 3.7 Km/h | |
| llnd | 0 - 9.5 Km/h | 0 - 3.7 Km/h | |
| IIIrd | 0 - 11.8 Km/h | 0 - 11.8 Km/h | |
| IVth | 0 - 30.0 Km/h | 0 - 11.8 Km/h | |
| Tract | ion / weight ratio | | 449 |

AXLES AND WHEELS

Front load-bearing, oscillating (\pm 6°) and steering with planetary reduction gears on the wheel hubs.

Rear load-bearing and steering with planetary reduction gears on the wheel hubs and directly flanged gearbox.

Tyres 18 -19.5 14PR

BRAKES

Internal oil-bath disc service and emergency brakes acting on the 4 wheels, activation with miniservo pump on independent dual circuit. Negative type parking brake, with internal oil-bath discs on the rear axle and electro-hydraulically controlled release.

STEERING

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

EQUIPMENT HYDRAULIC SYSTEM

| Gear pump | |
|---------------------------------|----------------|
| Max. flow rate: | 45 litres/min. |
| Maximum pressure: | 180 baı |
| 1-element water pump distributo | r. |

Electrohydraulic chute distributor with control on the ground.

Aluminium heat exchanger for hydraulic oil cooling.

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

MIXING AND POURING

Electronic drum rotation control system: "constant speed drive".

Unloading chute with hydraulic tilting by means of a double-acting jack and 180° rotation.

Removable chute, for direct unloading from hopper.

3 chute extensions provided as standard equipment.

Access ladder for drum cleaning.

WATER SYSTEM

| Seir-priming volur | netric | water | pump | with |
|-----------------------|---------|----------|-----------|--------|
| quick-suction. | | | | |
| Max. capacity: | | 26 | 30 litres | min. |
| Maximum head: | | | | 4 bar |
| One sheet tank on t | he en | gine sid | le with a | a ca- |
| pacity of | | | 340 I | itres. |
| Mix Control system | n for | progran | nmable | and |
| controlled managen | nent c | of wate | r feedir | ng to |
| the drum and of m | ixing a | and unl | oading | from |
| the ground panel. V | _ | | _ | |
| controlled by means | | U | | |
| meter and fed litre r | | | 0 | |
| display and at the re | , | _ | | |
| | | | | |

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

CAB

Closed cab with heating system, designed in accordance with ROPS FOPS standards.

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

Driving and equipment controls with ergonomic arrangement.

Sliding window on cabin door.

LCD TV display with camera for rear visibility.

SERVICE REFILL CAPACITIES

| Fuel tank in cross-linked | polyethylene, 95 li | tres |
|---------------------------|---------------------|-------|
| Total hydraulic system c | apacity: 125 I | itres |
| Engine oil: | 7.9 | 6 kg |

WEIGHTS

| Operating weight: | 6,000 kg |
|------------------------|-----------|
| Max gross weight: | 18,500 kg |
| load-carring capacity: | 12,500 kg |