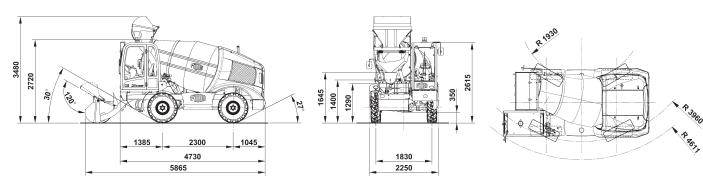


# **MIXER SYSTEM**

# **DB X25**



DIESEL ENGINE	No emission compliance	Stage IIIA / Tier 3	
Model:	PERKINS series 1104	PERKINS series 1104	
Type :	Naturally aspirated	Turbo	
Total displacement, no Cylinders:	4,400cc - 4 in line	4,400cc - 4 in line	
Injection:	Direct with mechanical control	Direct with mechanical control	
Cooling :	air water, dry air filter	air water, dry air filter	
Maximum power :	64.5 kW (87 hp)	74.5 kW (101 hp)	
Adj. power :	64 kW (2,400 rpm)	70 kW (2,200 rpm)	
Maximum torque :	293 Nm (1,400 rpm)	392 Nm (1,400 rpm)	
Alternator :	12 V - 65 A	12 V - 65 A	

#### **ELECTRIC SYSTEM**

Battery: ......12 V - 135 Ah (850 A) Road light system, front working light.

# 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**

#### **AXLES AND WHEELS**

Front and steering with planetary reduction gears on the wheel hubs and flanged gearbox. Rear, oscillating  $(\pm 7^\circ)$  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 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.

#### **WATER SYSTEM**

other made of polyethylene with a total capacity of .......570 L. Water feeding to the drum controlled by means of electromagnetic flow meter and fed litre

reading on the cabin display.
Water pump activation from the driver's seat.
Suction selection from the ground with quick-

# MIXING AND UNLOADING

coupling pipes.

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

Unloading chute with hydraulic tilting by means of a double-acting jack and control placed inside the cabin.

1 unloading chute extension provided as standard equipment.

#### **EQUIPMENT HYDRAULIC SYSTEM**

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.

Volumetric capacity: ...... 560 L Number of loaderfuls per load: ...... around 7

## CABIN

Closed cabin with heating system, designed in accordance with ROPS & FOPS Level I standards. Tilting front window.

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

LCD TV display with camera for rear visibility (optional)

## **SERVICE REFILL CAPACITIES**

Fuel tank:	90 L
Total hydraulic system capacity:	97 L
Engine oil:	8 kg

# WEIGHTS

Operating weight	5,000 kg
Max gross weight:	11,000 kg
load-carring capacity:	6,000 kg