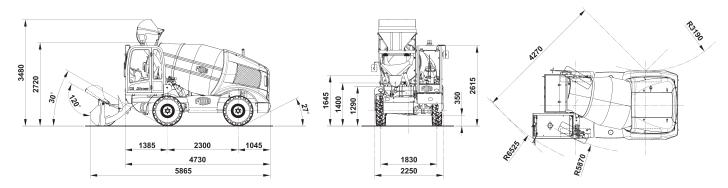
Fi()RI

MIXER SYSTEM

DB X25



DIESEL ENGINE	No emission compliance	Stage IIIA / Tier 3	
Model :	PERKINS series 1,104	PERKINS series 1,104	
Type :	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	
Max. power :	64.5 kW (87 Hp)	74.5 kW (101 Hp)	
Adj. power :	64 kW (2,400 rpm)	70 kW (2,200 rpm)	
Max. torque :	293 Nm a 1,400 rpm	392 Nm a 1,400 rpm	
Alternator :	12 V - 65 A	12 V - 65 A	

ELECTRIC SYSTEM

Battery: 12 V - 132 Ah (600 A) Road light system.

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 - 7.0 Km/h	0 - 3.7 Km/h
IIIrd	0 - 11.0 Km/h	0 - 11.0 Km/h
IVth	0 - 24.0 Km/h	0 - 11.0 Km/h
Traction / weight ratio 40%		

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 oilbath discs on the rear axle and electro-hydraulically controlled release.

STEERING

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

WATER SYSTEM

"Self-priming" volumetric water pump with quick-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 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

Gear pump

Max. flow rate:40 litres/min. Maximum pressure:230 bar 3-element distributor servo-controlled with multi-function joystick.

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 litres Number of loaderfuls per load:around 7

CAB

Closed cab 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.

SERVICE REFILL CAPACITIES

Fuel tank:	85	litres
Total hydraulic system capacity:1	13	litres
Engine oil:	7.9)6 kg

WEIGHTS

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