

# DB X25

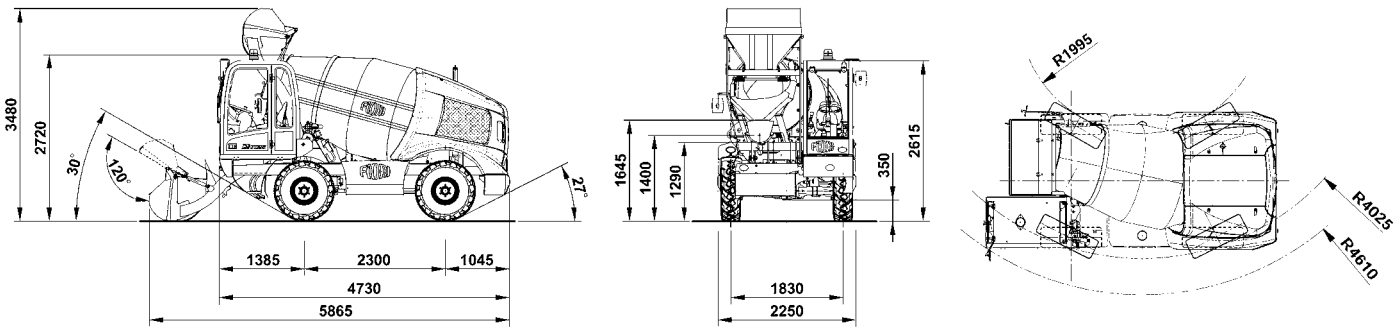


All pictures shown are for illustrative purposes only and may contain optional equipment.

## MIXER SYSTEM

Positioned in the category of self-loading concrete mixers with a yield of 2.5 m<sup>3</sup> concrete, the DB X25, with front loading and excellent cab visibility, combines low cost and performance. Due to its extremely low centre of gravity and compact design, it offers astonishing agility and stability. This vehicle can also be equipped with the CBV 2.0 system (an optional additive dispenser), allowing it to produce high quality concrete at an extremely competitive price. Simple and intuitive, it completes the range recommended for rental fleets or for work on medium-sized construction sites.

# FIORII



| DIESEL ENGINE                     | No emission compliance         | Stage IIIA / Tier 3            |  |
|-----------------------------------|--------------------------------|--------------------------------|--|
| Model :                           | PERKINS series 1104            | PERKINS series 1104            |  |
| Type :                            | Aspirated                      | Turbo                          |  |
| Total displacement, no Cylinders: | 4400cc - 4 in line             | 4400cc - 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 (2400 rpm)               | 70 kW (2200 rpm)               |  |
| Maximum torque :                  | 293 Nm a 1400 rpm              | 392 Nm a 1400 rpm              |  |
| Alternator :                      | 12 V - 65 A                    | 12 V - 65 A                    |  |

### ELECTRIC SYSTEM

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

### 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.

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

### SPEED

4 forward gears                    2 reverse gears  
Ist 0 - 3.7 Km/h                    0 - 3.7 Km/h  
IInd 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 ..... 12.5/80-18 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

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

Max. capacity: ..... 230 litres/min.  
Maximum head: ..... 4 bar  
Two connected tanks positioned opposite each other made of polyethylene with a total capacity of ..... 570 litres.  
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-coupling pipes.

### MIXING AND UNLOADING

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

Geometrical drum volume: ..... 3900 litres  
Drum rotation speed: ..... 22 rpm  
Class S1 concrete produced as : ..... 2.5 cu m  
Drum rotation by means of a piston pump with variable flow rate and an orbital hydraulic motor in closed circuit with infinitesimal electrical control positioned in the cabin.

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.

LCD TV display with camera for rear visibility (optional)

### SERVICE REFILL CAPACITIES

Fuel tank: ..... 85 litres  
Total hydraulic system capacity: ..... 113 litres  
Engine oil: ..... 7.96 kg

### WEIGHTS

Operating weight ..... 5000 kg  
Max gross weight: ..... 11000 kg  
load-carrying capacity: ..... 6000 kg