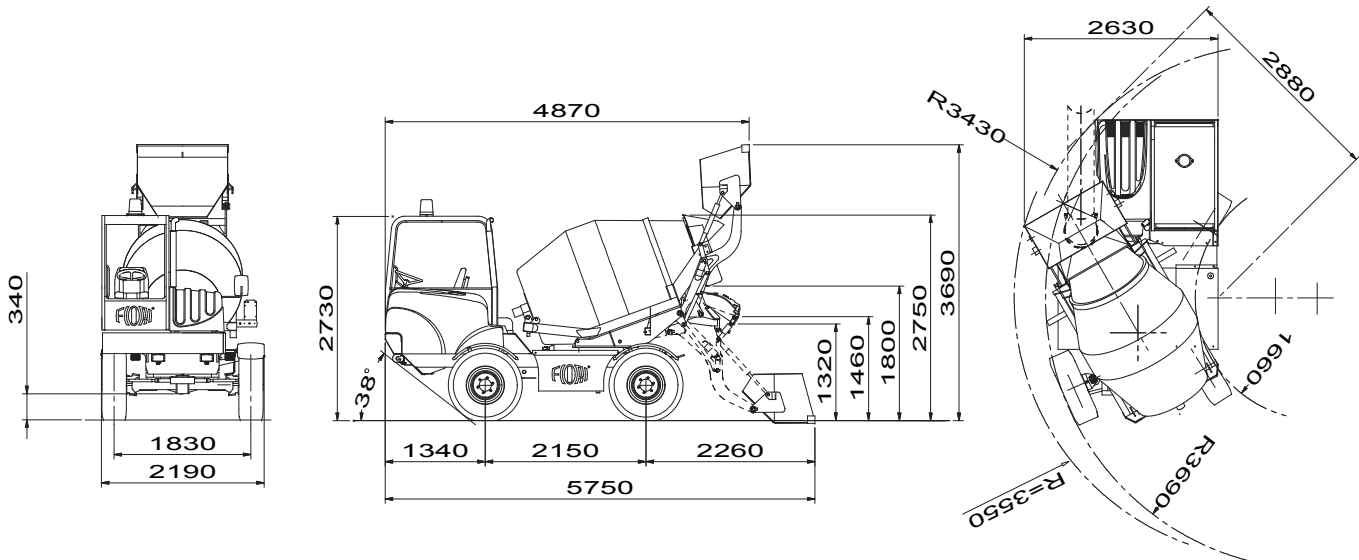


Concrete mixer

DB 250 S



Diesel Engine

Mark PERKINS diesel 1104C-44 - (87 Hp)
Reg. Power 64 kW (87 Hp) a 2.400 rpm
Max torque 302Nm a 1.400 rpm
Cylinders nr. 4 - Displacement 4.400 cc
Dry air cartridge filter
Water-cooled - Direct fuel injection
Emissions 97/68 CE and EPA

Electrical system

Alternator 12V - 55 A
Battery 12V - 132 AH (600 A)

Four-Wheel drive

hydrostatic automotive a 2 speed,
mechanical 2 speed gearbox
speed: 4 forward - 4 reverse
1a 3,3 Km/h - 3,3 Km/h
2a 8,0 Km/h - 3,3 Km/h
3a 10,0 Km/h - 10,0 Km/h
4a 25,0 Km/h - 10,0 Km/h
Drive/Weight ratio: 50%

Axle

Front: bearing, oscillating ($\pm 7,5^\circ$) axle with planetary final drive on wheel hubs
Rear: bearing, axle with planetary final drive on wheel hubs and gearbox enbloc with the rear axle.

Brakes

SERVICE AND EMERGENCY BRAKES:
disc-brakes in oil bath housed inside the hubs, acting on all 4 wheels, ffd by double pump on independent twin circuit. PARKING: lever-controlled drum brake on front axle

Tyres

Front and rear tyres 12.5 - 18

Steering

servoassisted 4 wheel steering. In-cab steering mode selector: 2 wheel steering/4 wheel steering/crabbing. Minim. inner wheel turning radius: 1.660 mm

Chassis

Electrically welded high-resistance steel chassis ST52. Max hopper off-loading height: 1.800 mm
Max chute off-loading height: 1.460 mm
Min. chute off-loading height: 1.320 mm

Cab

Open safety ROPS - FOPS with swivel 180° driving post. Lights and direction indicators for road circulation

Hydraulic system

Gear pump - 5 way control valve and alluminium oil cooling. Max flow-rate: 47 l/1'
Max pressure: 180 bar

Water system

Fast suction water pump, self-priming rotor type
Max flow-rate: 300 l/1' - Max head: 2.0 bar
Tank capacity: 580 l. - Water pump control located in cab and on ground, suction control from ground with fast coupling. Automatic pump block in case of water absence

Drum

Drum rotated by hydrostatic transmission with variable flow pump with electrohydraulic control

located in the cab and in machine back side.
Bracing mounted on roller center-plate Heavy-Duty with 240° hydraulic rotation featuring automatic lock (negative brake).
Drum rotation speed: from 0 to 21rpm
Drum volume: 3.150 l
Max concrete yield: 2.500 l
Nr. 2 discharge chute extensions

Loading bucket

Load bucket capacity 550 l.
Number of bucket required per load 7

Service refill capacities

Fuel tank: 80 l.
Hydraulic oil tank: 100 l.

Weights

On-road set-up weight: 5.150 kg.
Max homologated weight: 11.100 kg.
Homologated load-carrying weight: 5.950 kg.