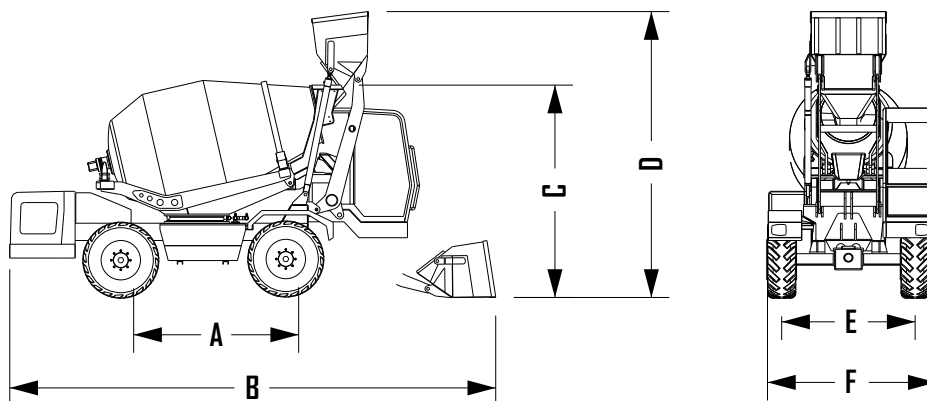


TECHNICAL SPECIFICATION



	A	B	C	D	E	F
VD 25	2140	6250	2850	3800	1760	2310
VD 35	2380	7010	3100	4100	1920	2420

DIMENSIONS AND WEIGHTS		
Models	VD 25	VD 35
Concrete Yield	2,5 cbm	3,5 cbm
Drum Geometric Volume	3850 liters	4900 liters
Wheels	12,5-18	16/70-20
Truck Weight	6100 kg	8200 kg
Total Weight	12000 kg	17000 kg

Engine

Perkins diesel engines provide the power to the system according to emissions compliance (Stage IIIA/Tier3 mechanical control engines – Stage IV/Tier 4 Final electronically control engines)

Electrical System

12 V battery for electric starter and road lighting. Safety battery cut off

Transmission

Hydrostatic 4x4 four wheel drive
STIEBEL Pump drive with 2 pads
BOSCH REXROTH Variable axial piston pump and motor
DANA SPICER Transfer case
(2 speeds forward and reverse)
1st gear 0-9 km/h
2nd gear 0-25 km/h

Brakes

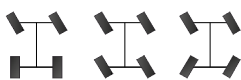
Service brake: Hydraulic applied inboard wet disc brakes in both axles
Safety/parking Brake: Spring applied hydraulically released (SAHR) fail-safe type brake in front axle
For any breakdown manual hand pump to release parking brake

Drum

Drum made from wear and abrasion resistant steel. System for drum rotation consists of variable piston pump controlled proportional solenoid, orbital hydraulic motor and planetary reducer. Two delivery chute extensions are provided as standard equipment
Drum speed: 0-24 rpm

Steering

2 steering wheels
All wheel steering
Crab steering



Hydraulic And Diesel Tank

12v Fuel pump to easy fill up the diesel tank

Loading Shovel

Shovel made from wear and abrasion resistant steel

Weighing and Dozing System

The system based on load cells applied directly under the drum.
Operator interface device with integrated printer in Cab
Recipe and component archive management
Control box located near to drum for operational function

- Delivery chute position
- Water pump control
- Emergency stop

Water System

Hydraulic driven self priming water pump
Two connected water tank located both side of the mixer
Water distribution controlled with ball valves and quick coupling pipes

CAB

Closed cab designed according to ROPS&FOPS standards. Adjustable seat with seat belts. Radio with MP3 and USB jack. Heating system or air conditioning is available upon request.

Axles

DANA SPICER Steering planetary drive axles
± 6° oscillation on rear axle

Chassis Frame

Chassis made from C shaped high-strength structural steel at 650-700 MPa for off road conditions.