

MOBILE CONCRETE MIXER

English

VD35

more powerful, more efficient.



Loading Shovel

Drum slewing 270 degree

Weight and dosing system

Pump drive with 2 pads
to separate drum
and transmission drive

Safe and Ergonomic
Operator Cab

Design for
Off-Road Condition

Water tanks

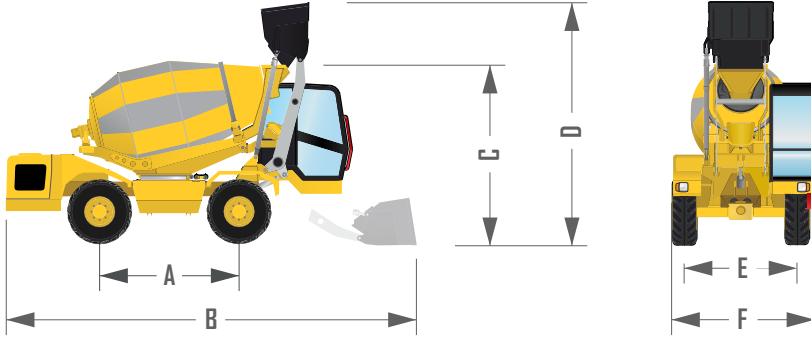
QUALIFIED AND PRICE-WORTH CONCRETE

The special drum with a dual-screwed mixing system effectively provides concrete mixtures. The electronic weight component located in the operator cabin can print the details of the mixture.

OYMAN®

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	A	B	C	D	E	F
VD 35	2380	7070	3150	4100	1930	2430

TECHNICAL SPECIFICATION

CONCRETE YIELD	3,5 cbm
DRUM GEOMETRIC VOLUME	4900 lt
HYDRAULIC TANK	130 lt
DIESEL TANK	100 lt
WATER TANK	700 lt
LOADING SHOVEL	600 lt
WHEELS	16/70-20
TRUCK WEIGHT	8100 kg

ENGINE OPTIONS

STAGE IIIA Engine

STAGE IIIA 83 kw **PERKINS** diesel engine according to emission compliance.
STIEBEL pump drive with 2 pads to separate drum and transmission drive.

Transmission

Hydrostatic 4x4 four wheel drive
BOSCH REXROTH Variable axial piston pump and motor
DANA SPICER electro-hydraulic controlled mechanical two-speed transfer case.
(2 speeds forward and reverse)
1st gear: 0-10 km/h
2nd gear: 0-20 km/h

STAGE V Engine

STAGE V 90kw **PERKINS** diesel engine according to emission compliance.
STIEBEL pump drive with 2 pads to separate drum and transmission drive.

Drum

Drum rotation consists of **PWG** variable axial piston pump controlled proportional solenoid, orbital motor, and **BONFIGLIOLI** planetary reducer. Double spiral mixing blades. 270° slewing drum with **BONFIGLIOLI** planetary reducer. An emergency manhole is available for inspection and discharging during breakdowns. Two delivery chute extensions are also standard equipment.

Electrical System

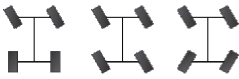
12V battery. Safety battery cut-off.
STW electronic control unit (ECU) for main controls and safety functions.

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 in selectable different languages.

Steering

2 wheel steering
All wheel steering
Crab steering



Axles

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

Brakes

Double circuit service brake: hydraulic applied inboard wet disc brakes in both axles
Parking brake: spring-applied, hydraulically-released (SAHR) type brake in the front axle.

Water System

Hydraulic-driven self-priming water pump.
Two connected water tanks are located on both sides of the mixer. Water distribution is controlled with ball valves and quick-coupling pipes.

CAB

Closed design. Adjustable operator seat with seatbelt. ABS plastic steering column and interior design. Radio with MP3 and USB jack.

Loading Shovel

Shovel made from wear and abrasion resistant steel

Cameras

Wide-view angle by rear and side view cameras. The monitor is available in CAB.

Chassis Frame

Chassis made from C shaped high-strength structural steel for off-road conditions.

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