

	A	B	C	D	E	F
<b>VD 35</b>	2380	7070	3150	4100	1930	2430

## TECHNICAL SPECIFICATION

<b>CONCRETE YIELD</b>	3,5 cbm
<b>DRUM GEOMETRIC VOLUME</b>	4900 lt
<b>HYDRAULIC TANK</b>	130 lt
<b>DIESEL TANK</b>	100 lt
<b>WATER TANK</b>	700 lt
<b>LOADING SHOVEL</b>	600 lt
<b>WHEELS</b>	16/70-20
<b>TRUCK WEIGHT</b>	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)  
1<sup>st</sup> gear: 0-10 km/h  
2<sup>nd</sup> 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

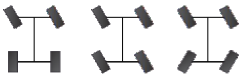
12V battery. Safety battery cut-off.  
**STW** electronic control unit (ECU) for main controls and safety functions.

### 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.

**Oyman Makina Ltd.**  
Arsin Organize Sanayi Bölgesi Trabzon TÜRKİYE  
Tel/Phone: +90 (462) 711 24 25  
Faks/Fax: +90 (462) 711 11 28  
oyman@oyman.com.tr  
www.oyman.com.tr

