

# TM05

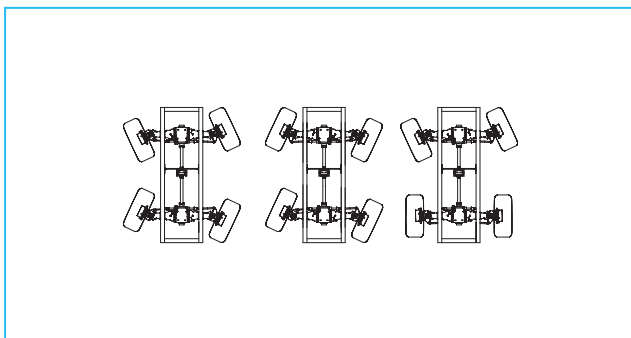
CONCRETE TRANSMIXER



Tough drum with 5 m<sup>3</sup> concrete yield



Rear view camera and LCD screen in operator cabin

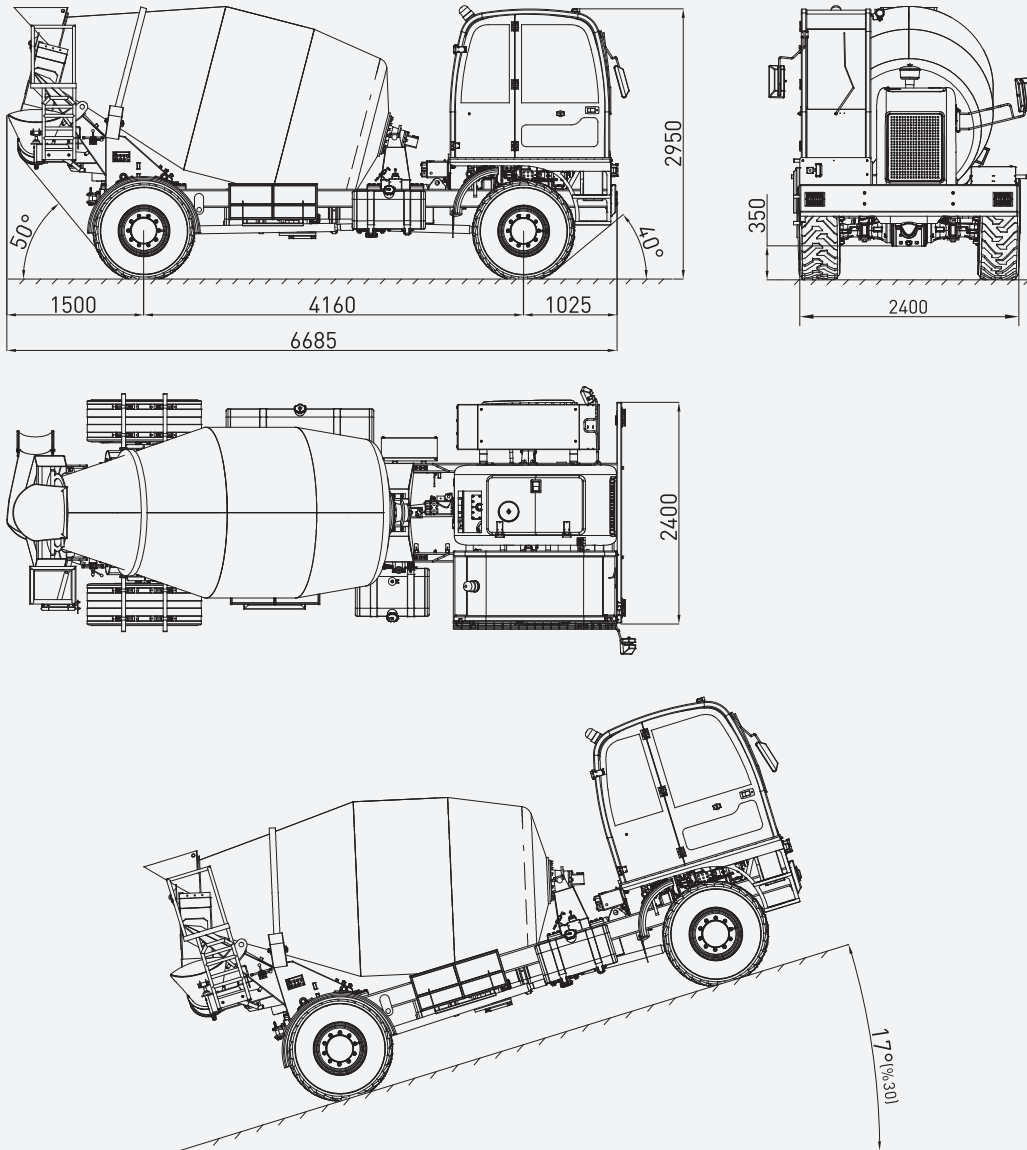


3 steering modes; Four-wheel steering, Front-wheel steering and Crab steering

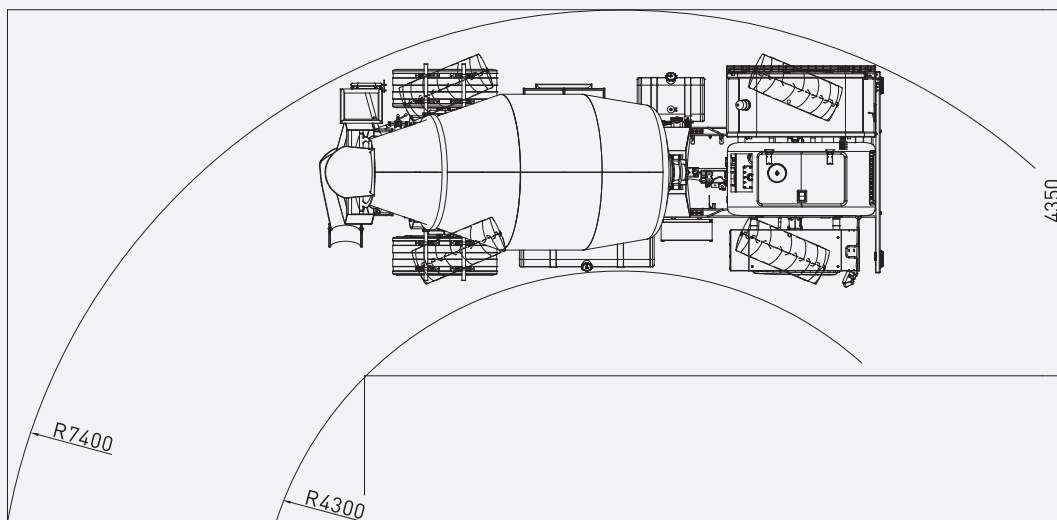


ROPS and FOPS level 2 certified closed operator cabin with 180° pivoting operator's seat

**DIMENSIONS & PERFORMANCE**



**TURNING RADIUS**



## TECHNICAL SPECIFICATIONS

<b>DIESEL ENGINE</b>		<b>ELECTRIC SYSTEM</b>	
<b>Make / Model:</b>	JCB Dieselmax 444 TCA-85	<b>Battery:</b>	12 V - 150 Ah
<b>Max. Power:</b>	85 kW at 2200 rpm	<b>Protection:</b>	IP65
<b>Max. Torque:</b>	440 Nm at 1300 rpm	<b>Lights:</b>	2 x 1500 Lumen Led at front bumper
<b>Engine Emission:</b>	EU Stage 3A / US EPA Tier 3		1 x 1500 Lumen Led on operator cabin
<b>Diesel Tank:</b>	160 l		1 x 1500 Lumen Led at rear bumper
	With Catalytic Converter and Silencer		Turn signals and taillights
<b>TRANSMISSION</b>		<b>Beacon Lamp:</b>	Amber color
<b>Make / Model:</b>	JCB PS760	<b>TITAN CLOSED OPERATOR CABIN</b>	
	Powershift	<ul style="list-style-type: none"> <li>• Closed 1-person cabin</li> <li>• ROPS and FOPS level 2 certified (EN ISO 3471:2008 / EN ISO 3449:2008)</li> <li>• Mechanical suspension with manual tilt, weight, height adjustable, 180° pivotable ergonomic seat with seat belt</li> <li>• Cabin heater</li> <li>• Levers and indicators for all driving controls</li> <li>• In-cabin radio output and location (12V)</li> <li>• Cabin lighting</li> <li>• Heated wing mirrors</li> </ul>	
	Automatic and Manual 4-speed forward		
	Manual 3-speed reverse		
	Four-wheel drive		
<b>AXLES &amp; TYRES</b>		<b>DIMENSIONS &amp; WEIGHT</b>	
<b>Make / Model:</b>	JCB SD70	<b>Weight:</b>	7100 kg (Approximately)
<b>Type:</b>	Planetary	<b>Length:</b>	6685 mm
<b>Front Axle:</b>	+/- 8° Oscillating and steerable	<b>Width:</b>	2400 mm
<b>Rear Axle:</b>	Rigid and steerable	<b>Height:</b>	2950 mm
<b>Tyres:</b>	16.00 / 70-20	<b>Inner Turning Radius:</b>	4300 mm
<b>PERFORMANCE</b>		<b>Outer Turning Radius:</b>	7400 mm
<b>Max. Gradient:</b>	30%	<b>MISCELLANEOUS</b>	
<b>Max. Speed:</b>	24.5 km/h	<ul style="list-style-type: none"> <li>• Warning plates and decals</li> <li>• Tool box</li> <li>• 2x4 kg portable fire extinguisher</li> <li>• 2 pcs Wheel chocks</li> <li>• Front and rear towbar</li> <li>• Back-up alarm and light</li> <li>• Battery Isolator switch</li> <li>• 2 additional groove</li> </ul>	
<b>STEERING</b>			
	Four-wheel steering		
	Crab steering		
	Front-wheel steering		
<b>BRAKING SYSTEM</b>		<b>CONCRETE DRUM</b>	
<b>Service Brake:</b>	Hydraulically powered two-circuit oil immersed multidisc brakes in both axles	<b>Drum Volume:</b>	7.2 m <sup>3</sup>
<b>Safety/Parking Brake:</b>	Spring applied hydraulic released SAHR Fail safe	<b>Max. Concrete Capacity (at 9 cm slump):</b>	5 m <sup>3</sup>
<b>CHASSIS</b>		<b>Drive:</b>	Hydraulic
<b>Type:</b>	Rigid, high strength steel	<b>Adjustable Rotating Speed:</b>	0-18 rpm
<b>HYDRAULIC SYSTEM</b>			1 Lid for cleaning
<b>Pump Type:</b>	Variable displacement piston and gear pump		Hydraulically controlled ecological cover and gutter
<b>Max. Pressure:</b>	210 bar		Hopper breaking system
<b>Flow Rate:</b>	160 l/min at 2200 rpm		Concrete drain cover
<b>Hydraulic Oil Tank:</b>	105 l		
<b>Return Oil Filter:</b>	25 µm		
	Oil level, filtration and temperature indicators		

#### HIGH PRESSURE WASHING SYSTEM

<b>Pump Drive:</b>	Hydraulic
<b>Pressure:</b>	135 bar
<b>Flow Rate:</b>	16 l/min
<b>Hose Length</b>	13 m
<b>Water Tank:</b>	300 l

#### OTHER

- Centralized greasing system

#### OPTIONS

- Automatic centralized lubrication system
- Air-conditioner (Heating and Cooling) in the cabin
- Manual activated fire extinguishing system
- Automatic and manual activated fire extinguishing system (Linear wired)
- Caliper brake system
- 2<sup>nd</sup> seat in the cabin
- 12 V emergency steering
- Diesel particulate filter - DPF
- EU Stage 5 diesel engine
- Rear view camera and LCD monitor in operator cabin
- Additional side view camera
- Form oil system
- Spare wheel