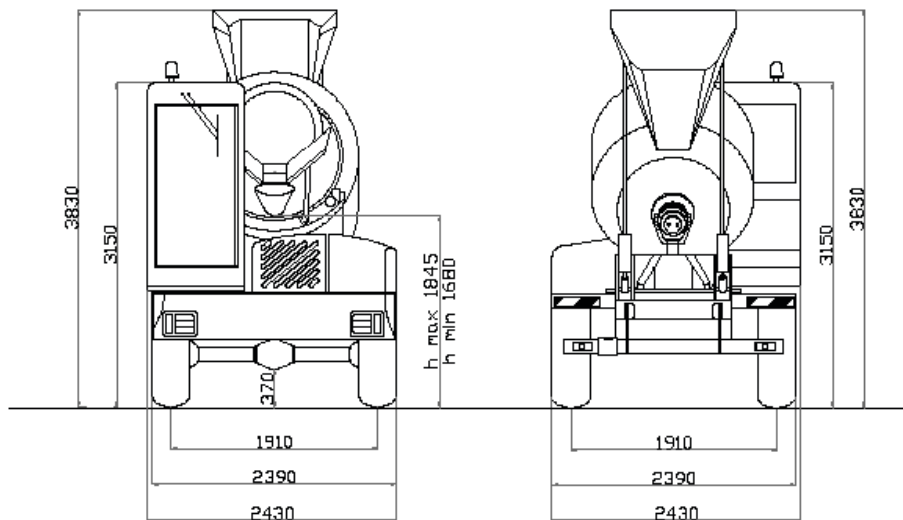
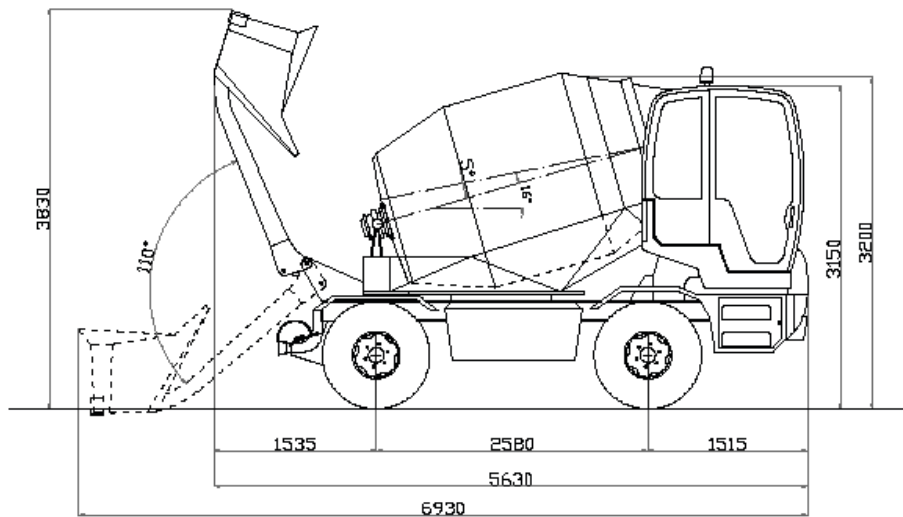


REVOLUTION R40



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ТЕХНИЧЕСКИЕ ДАННЫЕ



REVOLUTION R40

DESCRIPTION (UNI 10929:2011) Self loading concrete mixer - Concrete net output : 4,0 m3 (5.25 cubic yards) (class S1) - Rear loading - Trilateral unloading (slewing 315°) - N.4 wheel steering/drive – Loading by rigid bucket - Cab welded to the rotating drum and slewing at 315°

ENGINE Perkins turbo diesel 1104D-44TA – Diesel 4 stroke - 4 cylinder in line – Turbo Aftercooler – Mechanical control Direct Injection - Water Cooled – Dry Air Filter – Max Power 83 kW @ 2200 rpm – Stage IIIA – Conformity USA EPA Tier 3 / EU STAGE IIIA

TRANSMISSION 4x4 Hydrostatic with “Automotive” command powered by variable deliver pump and dual displacement hydraulic motor controlled with electro-hydraulic control lever to select a “slow” gear, “fast” gear and “reverse”. Double ratio-mechanical gearbox with electric control gear lever to selection of “work” or “transfer” gear – Max. pending with full load 40% - Max speed 30 km/h (19 mph). Hydraulic accelerator - Inching Pedal.

AXLES over-sized load bearing with final epicyclical gearing reducers – Front axle able to oscillate at +/-8° - Fixed rear axle

ELECTRICAL SYSTEM Starter 12V 3kW – Alternator 12V 95A with incorporated regulator. Battery 12V /110 AH (900A)

BRAKES Inner in-oil power disc brakes acting on all four wheels with power supplied by a twin circuit independent pump – Hydraulic inner in-oil power disc parking brake acts directly on rear axle – Emergency brake incorporated directly on service brake.

FRAME Electrically Welded High-tempered steel - Frame mounted on roller bearing swivel ring with 315° hydraulic rotation - Automatic and negative mechanical Stop\Block – Control of the hydraulic lifting of drum cylinder by double effect Chute with hydraulic tilt and dual action cylinder controlled from Operator’s Turret or from the ground and hydraulic rotation by dual action cylinder controlled from Operator’s Turret.

STEERING Hydrostatic (Orbital Type) fed by an independent pump controlled by steering wheel - Four wheel steering by means of double action twin cylinders- Steering Selector Device on Operator’s Console for: Front Wheel Drive, 4 Wheel Bi-Lateral Drive, 4 Wheel Parallel Drive – Minimum turning radius : 2.550 mm (100.47 inches) .

BUCKET Loading arm with fixed high pendant dumping bucket for fast and hassle free discharge of aggregates - Cap. 500Lt (132 gals) – Loader Arms with 2 lifting cylinders and dual return action – Single lever control.

WATER SYSTEM Rapid Intake Positive Displacement Water Pump with “Self-Priming” Rotor, controlled by both the driver’s seat from the ground – Delivery 500Lt/min. - Max Pressure 2.2 bar – Dual Standard Water tanks approx. 700 Lt (185 gals) – Two multi-position taps for water delivery to mixing drum - Alternate Water Intake capabilities with quick disconnect hoses and filter- cleaning hose – Electronic water meter

OPERATOR’S TURRET Welded to the rotating frame, with a possibility to rotate at 315° allowing perfect visibility in transfer and work phases - Adjustable anatomically designed seat with springy suspension ergonomically shaped for easy access to controls – Adjustable articulated armrest with joystick – ABS steering column thermoformed with electronic display instrumentation easily accessible and readable - User friendly dashboards and control panels- Closed cab with large high visibility windshield and wiper

HYDRAULIC SYSTEM Servo-controlled Hydraulic Distributor - Variable cylindered pump and piston for rotation drive of drum 34Lt @ 1000 RPM – Geared pump for utilities 26Lt @ 1000 RPM – Geared pump for power steering 20Lt @ 1000 RPM –Hydrostatic circuit filter (intake) 10 microns; Nr 2 Hydraulic Circuit filters (intake) 25 microns.

DRUM Trilateral discharging, double spiral mixing blade drum with emergency manhole, double cone and convex – Hydrostatic motor-gear and variable delivery pump with orbital engine together of the redactor – Electro-hydraulic command both from the operator’s turret or from ground - Geometric volume approx. 5800 Lt (1530 gals.) Max Concrete Yield 4,0 mc (5.25 cubic yards) – Drum Speed 18 RPM in both directions – Drum flexible to 315° - Hydraulic telescopic hoisting cylinder for easy and quickly discharge of cement

GROUND COMMANDS water meter and controls for water pump operation, drum rotation, up/down chute and emergency stop

TIRES 18-19.5/16 PR

DIMENSIONS 2.430 (95.74 inches) x6.930 (273 inches) x3.200 mm (126 inches)
(Bucket down)

WEIGHT kg 7.560 (16.666 lbs)

MEETS CEE road standards

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