



**560.2**  
RUNNER





**DESCRIPTION** (UNI 10929:2011) Self-Loading Concrete Mixer  
 - Concrete net output: 4,5 m<sup>3</sup> (5.25 cubic yards) class S1 - Rear loading - Trilateral unloading (slewing 180°) - N.4 wheel steering/drive - Loading by rigid bucket

**ENGINE** Perkins 1104D-44TA, Diesel Turbo Aftercooled - 4 stroke 4 cylinder - Max Power 83 kW (113 hp) @ 2.200 RPM - Max torque 418 Nm 1.400 RPM - Water Cooled - Dry Air Filter - USA EPA Tier 3/EU Stage IIIA Conformity

**Deutz** TCD3.6L04 - Diesel 4 stroke - N.4 cylinder in line - Turbo Aftercooled - Electronic Control - Common rail - Max. Power 90,0 kW (122 hp) a 2.200 RPM - Max. torque 480 Nm a 1.600 rpm - Water cooled - Dry air filter - Conformity EU STAGE IIIB/USA EPA Tier 4i

**TRANSMISSION** 4x4 full wheel drive, 4 speeds forward/reverse (2 hydraulic, 2 mechanic) - Max speed 35 Km/H - Max full loaded gradeability 40% - Hydrostatic "automotive" transmission with variable displacement pump and variable displacement hydraulic motor controlled by an electro-hydraulic lever for "slow"/"fast" speed and reverse movement selection - Mechanical gearbox for "work" and "transfer" speed with electro-hydraulic control lever - Inching Pedal.

**AXLES** Both load-bearing and steering with planetary reduction gears on the wheel hubs - Front axle oscillating at 10° - Rear axle fixed with flanged gearbox

**BRAKES** Hydraulic internal oil-bath disc service brake acting on all 4 wheels activated by a dual circuit independent pump - Hydraulic internal oil-bath disc parking brake acting directly on rear axle with hydraulic control negative - Emergency brake incorporated directly in service

**STEERING** Hydrostatic fed by an independent pump - Four wheel steering by means of 2 double-acting cylinders - Steering selector device on operator's console for: front wheel drive/ 4 wheel bi-lateral drive/ 4 wheel parallel drive (crab mode)

**FRAME** Electrically welded high-tempered steel - Counterframe mounted on roller bearing swivel ring with 180° hydraulic rotation by means of a reduction gearbox - Hydraulic drum lifting control by means of double-acting cylinder - High capacity hopper - Unloading chute with hydraulic tilting by means of a double-acting cylinder controlled both from operator's turret and ground - Manual 180° chute rotation

**DRUM** with big double spiral mixing blades, double cone and convex bottom - Emergency manhole for inspection or emergency unloading - Drum rotation by means of a hydrostatic transmission with variable displacement pump and orbital motor coupled to gearbox with infinitesimal electro-hydraulic control both from the operator's turret and ground - Geometric volume 5800 Lt - Max concrete yield 4,5 m<sup>3</sup> (S1 class) - Drum speed 22 RPM - 180° slewing drum - Drum raising by means of a double-acting lift cylinder for quick unloading

**BUCKET** Rigid high inclined bucket for fast and hassle free aggregates discharge positioned on a loading arm driven by 2 double-acting hydraulic cylinders - Capacity 600 Lt (158 gals.) - Single lever control - 18 m<sup>3</sup>/hour productivity

**OPERATOR'S TURRET** Rotating, mounted on ball-bearing swivel ring - Anatomic seat with flexible suspension and height adjustment, seat belts - Large high visibility windshield with electric wiper - Steering column in ABS with electronic display and ergonomic user friendly dashboard and control panels - Closed ROPS FOBS cabin

**HYDRAULIC SYSTEM** 3-element hydraulic distributor - Piston variable displacement pump 50Lt @ 1000 RPM for drum rotation - Gear pump 26Lt @ 1000 RPM for utilities - Gear pump 20Lt @ 1000 RPM for steering and breaks - Oil 16 µm filter on hydraulic intake circuit - N 2 aluminium heat exchangers for hydraulic oil cooling

**WATER SYSTEM** Self-priming volumetric water pump with quick-suction activated by hydraulic motor controlled both from the driver's seat and from the ground - Flow rate 500 Lt/min. (131 gals.) - Max head 2,2 bar - 2 water tanks with total capacity approx. 800 Lt (211 gals) - Quick-coupling water intake hoses with filter - Cleaning hose - Electronic water meter

**ELECTRICAL SYSTEM** Starter 12V 3 kW - Alternator 12V 95A with regulator incorporated - Battery 12V 110Ah (900A)

**GROUND COMMANDS** Water meter and water pump commands, drum rotation, chute up/down commands, emergency stop

#### SERVICE REFILL CAPACITIES

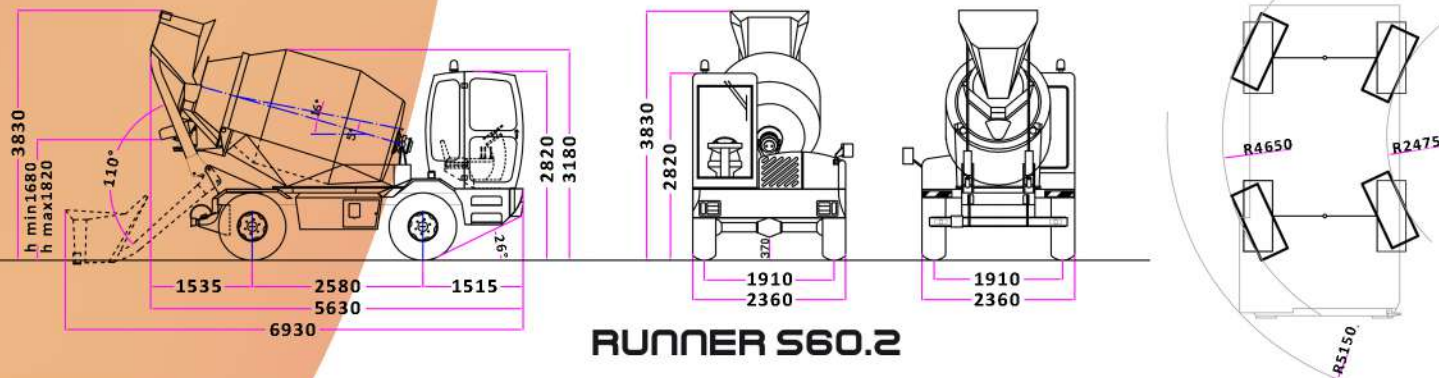
Fuel tank	150 l
Total hydraulic system capacity	140 l
Engine oil	9,5 l
Engine cooling liquid	7,0 l

**TIRES** 18-19,5 16 PR

**DIMENSIONS** (Bucket Down) L-6.930 mm (@272") W-2.360 mm (@91") H-3.180 mm.(@ 124").

**WEIGHT** 7.160 Kg (16.666 lbs)

**MEETS** CEE road standards



**RUNNER S60.2**



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