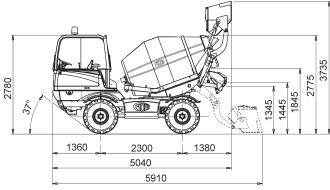
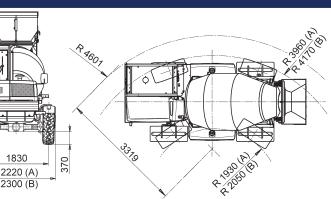
# **MIXER SYSTEM**





<u>DB 260</u>

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No emission compliance	Stage IIIA / Tier 3	Tier 4 Final EPA	Stage V
PERKINS serie 1104	PERKINS serie 1104	KOHLER serie KDI 2504	KOHLER serie KDI 2504
Naturally aspirated	Turbo	Turbo Intercooler	Turbo Intercooler
4,400cc - 4 in linea	4,400cc - 4 in line	2,482cc - 4 in line	2,482cc - 4 in line
Mechanical control with direct injection	Mechanical control with direct injection	Electronic control with Common Rail	Electronic control with Common Rail
-	-	EGR + DOC	EGR + DOC + DPF
air water, dry air filter	air water, dry air filter	air water, dry air filter	air water, dry air filter
64.5 kW (87 hp)	74 kW (101 hp)	55.4 kW (74.3 hp)	55.4 kW (74.3 Hp)
64 kW (2,400 rpm)	70 kW (2,200 rpm)	55.4 kW (2,300 rpm)	55.4 kW (2,300 rpm)
293 Nm (1,400 rpm)	392 Nm (1,400 rpm)	300 Nm (1,500 rpm)	300 Nm (1,500 rpm)
12V - 65 A	12V - 65 A	12V - 80 A	12V - 90 A
	PERKINS serie 1104 Naturally aspirated 4,400cc - 4 in linea Mechanical control with direct injection - air water, dry air filter 64.5 kW (87 hp) 64 kW (2,400 rpm) 293 Nm (1,400 rpm)	PERKINS serie 1104PERKINS serie 1104Naturally aspiratedTurbo4,400cc - 4 in linea4,400cc - 4 in lineMechanical control with direct injectionMechanical control with direct injectionair water, dry air filterair water, dry air filter64.5 kW (87 hp)74 kW (101 hp)64 kW (2,400 rpm)70 kW (2,200 rpm)293 Nm (1,400 rpm)392 Nm (1,400 rpm)	PERKINS serie 1104PERKINS serie 1104KOHLER serie KDI 2504Naturally aspiratedTurboTurbo Intercooler4,400cc - 4 in linea4,400cc - 4 in line2,482cc - 4 in lineMechanical control with direct injectionMechanical control with direct injectionElectronic control with Common RailEGR + DOCair water, dry air filterair water, dry air filterair water, dry air filter64.5 kW (87 hp)74 kW (101 hp)55.4 kW (74.3 hp)64 kW (2,400 rpm)70 kW (2,200 rpm)55.4 kW (2,300 rpm)293 Nm (1,400 rpm)392 Nm (1,400 rpm)300 Nm (1,500 rpm)

FUIDE

1830

# ELECTRIC SYSTEM

Battery: ..... 12 V - 135 Ah (850 A) Road light system, rear working lights.

# **4X4 FOUR-WHEEL DRIVE**

Hydrostatic "automotive" transmission with variable displacement pump and variable displacement hydraulic motor with electro-hydraulic control, and reverse gear control on the steering wheel. Mechanical gearbox for "working speed" and "road transfer" speed, with mechanical control

#### SPEED

	4 forward gears	2 reverse gears	
lst	0 - 3.5 km/h	0 - 3.5 km/h	
llnd	0 - 7.6 km/h	0 - 3.5 km/h	
IIIrd	0 - 10.4 km/h	0 - 10.4 km/h	
IVth	0 - 25.0 km/h	0 - 10.4 km/h	

#### AXLES AND WHEELS

Front oscillating (± 7°) and steering with planetary reduction gears on the wheel hubs. Rear and steering with planetary reduction gears on the wheel hubs and flanged gearbox. (A) Tyres: ..... 12.5-18 16PR (B) Tyres: wide (optional) ...... 405/70-20 14PR

#### BRAKES

Internal oil-bath disc service and emergency brakes acting on the 4 wheels, activation with pump on independent dual circuit.

Negative type parking brake, with internal oilbath discs on the front axle and electro-hydraulically controlled release.

# STEERING

Assisted by means of load-sensing power steering on 4 steering wheels; steering selection device for: 2 steering wheels, 4 steering wheels - crab steering

#### WATER SYSTEM

"Self-priming" volumetric water pump with quick-suction.

Max. capacity: .....250 L/min. Maximum head: ..... 4 bar Two connected tanks positioned opposite each

other made of polyethylene with a total capacity of .....570 L.

Water feeding to the drum controlled by means of electromagnetic flow meter and fed litre reading the cabin display.

Water pump activation from the driver's seat and from the ground panel. Suction selection from the ground with quick-coupling pipes.

### MIXING AND UNLOADING

Double-cone drum with double-spiral mixing screws and convex bottom.

Geometrical drum volume: ......3,160 L. Class S1 concrete produced as : ......2.5 cu m

Counterframe mounted on "heavy-duty" ball fifth wheel, with 245° hydraulic rotation and automatic locking by means of negative brake.

Drum rotation by means of a piston pump with variable flow rate and an orbital hydraulic motor in closed circuit with infinitesimal electrical control positioned in the cabin and at the rear of the machine.

Drum raising up to the horizontal position by means of 2 double-acting jacks.

Unloading chute with hydraulic tilting by means of a double-acting jack and 180° rotation, independent from the mixing drum inclination. Removable chute, for direct unloading from hopper.

2 unloading chute extensions provided as standard equipment.

# EQUIPMENT HYDRAULIC SYSTEM

Gear pump	
Max. flow rate:	45 L/min.
Maximum pressure:	195 bar
5-element distributor servo-cont	rolled with mul-
ti-function joystick.	
Olevated Levan all shall set as	

Chute lever distributor.

Aluminium heat exchanger for hydraulic oil cooling

Pressurised closed-circuit intake with oil filter replaceable from the outside.

#### LOADER

Loading arms with self-com	pensated kinematic	
mechanism, double-acting	loader lifting and	
return cylinders, electro-hydraulically controlled		
hatch with standard Tip-Off f	function.	
Volumetric capacity:	510 L	
Number of loaderfuls per loa	ad around 7/8	

# CABIN

Closed cabin with heating system, designed in accordance with ROPS & FOPS 1st Level standards .

Sliding side window

180° pivoting driving post. Anatomic seat with flexible suspension and height adjustment, seat belts.

LCD TV display with camera for rear visibility, optional/standard depending on engine type.

#### SERVICE REFILL CAPACITIES

Fuel tank in polyethylene,	90 L
Total hydraulic system capacity:	100 L
Engine oil:	8 kg

# WEIGHTS

Operating weight:	5,700 kg
Max gross weight:	11,900 kg
load-carring capacity:	6,200 kg

R.23 Valid as of 04/2024. All the data are purely indicative and may change without prior notice