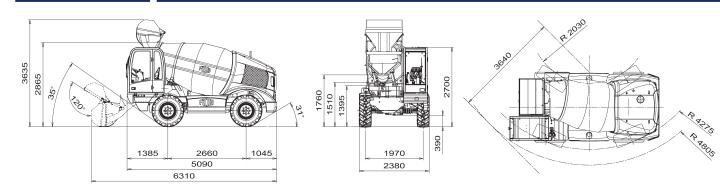
MIXER SYSTEM

DB X35



DIESEL ENGINE	No emission compliance	Stage IIIA / Tier 3	Stage IIIB / Tier 4 Interim
Model :	PERKINS series 1,104	PERKINS series 1,104	PERKINS series 854 E
Type :	Turbo	Turbo	Turbo
Total displacement, no Cylinders:	4,400cc - 4 in line	4,400cc - 4 in line	3,400cc - 4 in line + DPF
Injection :	mechanical control with direct injection	mechanical control with direct injection	Electronic control with direct injection
Cooling :	air water, dry air filter	air water, dry air filter	air water, dry air filter
Maximum power:	82.5 kW (112 Hp)	83 kW (113 Hp)	83 kW (113 Hp)
Adj. power :	82 kW (2,400 rpm)	83 kW (2,200 rpm)	83 kW (2,200 rpm)
Maximum torque:	404 Nm a 1,400 rpm	418 Nm a 1,400 rpm	450 Nm a 1,400 rpm
Alternator:	12 V - 65 A	12 V - 65 A	12 V - 80 A

ELECTRIC SYSTEM

Battery: 12 V - 132 Ah (600 A) Road light system.

4X4 FOUR-WHEEL DRIVE

Hydrostatic "automotive" transmission with variable displacement pump and variable displacement hydraulic motor with electrohydraulic control, and reverse gear control on the steering wheel.

Electro-hydraulically controlled mechanical gearbox for "working speed" and "road transfer" speed.

SPEED

4 forward gears		2 reverse gears
lst	0 - 3.0 Km/h	0 - 3.0 Km/h
llnd	0 - 7.2 Km/h	0 - 3.0 Km/h
Illrd	0 - 10.0 Km/h	0 - 10.0 Km/h
IVth	0 - 25.0 Km/h	0 - 10.0 Km/h
Tract	ion / weight ratio	

AXLES AND WHEELS

Front and steering with planetary reduction gears on the wheel hubs and flanged gearbox. Rear, oscillating (\pm 6°) with planetary reduction gears on the wheel hubs.

Tyres 405/70-20 PR

BRAKES

Internal oil-bath disc service and emergency brakes acting on the 4 wheels, activation with miniservo 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 with double displacement 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:	2	50 litres	/min.
Maximum head:			4 bar
Two connected tanks posit	ioned o	pposite	each
other made of polyethylene	with a t	otal cap	acity
of		870 li	tres.
Water feeding to the drum controlled by means			
of electromagnetic flow r	meter a	and fed	litre
reading on the cabin displa	ıy.		
Water pump activation from the driver's seat.			
Suction coloction from the	around	1 with o	wick-

Suction selection from the ground with quickcoupling pipes.

MIXING AND UNLOADING

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

Unloading chute with hydraulic tilting by means of a double-acting jack and control placed inside the cabin.

1 unloading chute extension provided as standard equipment.

EQUIPMENT HYDRAULIC SYSTEM

Gear pump

Aluminium heat exchanger for hydraulic oil cooling.

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

LOADER

Loading device with grab bucket and lifting arms controlled by double-acting hydraulic cylinders. Automatic unloading hatch driven by a mechanical lever.

CAB

Closed cab with heating system, designed in accordance with ROPS & FOPS Level I standards. Tilting front window.

Anatomic seat with flexible suspension and height adjustment, seat belts.

SERVICE REFILL CAPACITIES

Fuel tank:85	litres
Total hydraulic system capacity: 120	litres
Engine oil:7.	96 kg

WEIGHTS

Operating weight	. 6,300	kg
Max gross weight:	14,900	kg
load-carring capacity:	. 8,700	kġ

Valid as of 01/2016 for machines with standard equipment