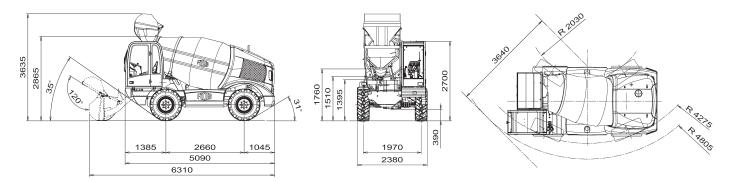


MIXER SYSTEM

DB X35



DIESEL ENGINE	No emission compliance	Stage IIIA / Tier 3	Tier 4 Final EPA	Stage V
Model:	PERKINS serie 1104	PERKINS serie 1104	KOHLER series KDI 3404 TCRSCR	PERKINS series 904J-E36TA
Type:	Turbo	Turbo Intercooler	Turbo Intercooler	Turbo Intercooler
Total displacement :	4,400cc - 4 in linea	4,400cc - 4 in line	3,400cc - 4 in line	3,600cc - 4 in line
Injection:	Mechanical control with direct injection	Mechanical control with direct injection	Electronic control with Common Rail	Electronic control with Common Rail
Aftertreatment sys.:	-	-	EGR + DOC + SCR	EGR + DOC + DPF + SCR
Cooling:	air water, dry air filter	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)	90 kW (122 hp)	90 kW (122 hp)
Adj. power. :	82 kW (2,400 rpm)	83 kW (2,200 rpm)	90 kW (2,200 rpm)	90 kW (2,400 rpm)
Maximum torque :	404 Nm (1,400 rpm)	418 Nm (1,400 rpm)	500 Nm (1,400 rpm)	500 Nm (1,500 rpm)
Alternator :	12V - 65 A	12V - 65 A	12V - 90 A	12V - 120 A

ELECTRIC 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

Ist 0 - 3.0 km/h 0 - 3.0 km/h

Illnd 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

AXLES AND WHEELS

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

Tyres:......405/70-20 14PR

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 oil-bath 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

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

Aluminium heat exchanger for hydraulic oil cooling

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

LOADER

CABIN

Closed cabin 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.

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

SERVICE REFILL CAPACITIES

Fuel tank:	90 L
Total hydraulic system capacity: .	100 L
Engine oil:	8 kg

WEIGHTS

Operating weight	6,300 kg
Max gross weight:	14,800 kg
load-carring capacity:	8.700 ka