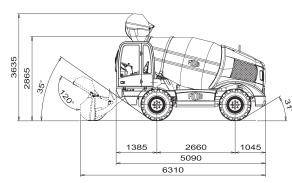
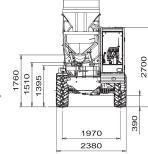
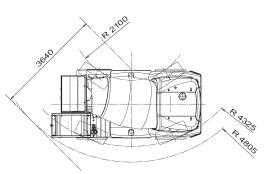
MIXER SYSTEM

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

Battery: 12 V - 135 Ah (850 A) Led road light system, front working light.

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		
IIIrd	0 - 10.0 km/h	0 - 10.0 km/h		
IVth	0 - 25.0 km/h	0 - 10.0 km/h		

AXLES AND WHEELS

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:			250 L	/min.
Maximum hea	d:			4 bar
Two connected				
other made of	polyethylene	with a t	iotal cap	bacity
of			8	70 L.
Water feeding	to the drum	controll	ed by m	eans
of electromag	netic flow r	neter a	and fed	litre
reading on the	cabin displa	ıy.		
Water pump a	activation fro	m the o	driver's	seat.
Suction select	ion from the	around	d with c	uick-

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

Max. flow rate:	45 L/min.
Maximum pressure:	230 bar
3-element distributor servo-controlled	with mul-
ti-function joystick.	

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 cyl-						
inders. Electrohydraulically operated trap door.						
Volumetr	ic capa	city:				680 L
Number	of loade	rfuls	per loa	ad:	aro	und 9

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	kġ
load-carring capacity:	8,700	kġ

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