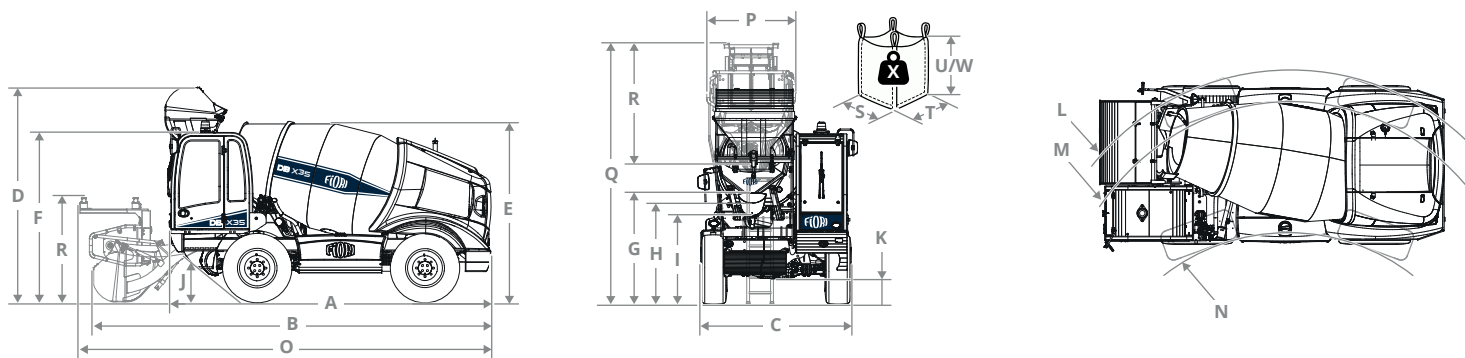




Engine	No emission compliance	Stage IIIA/Tier 3	Tier 4 final EPA	Stage V
Model	Perkins serie 1104		KOHLER KDI 3.404 TCR-SCR	PERKINS 904J-E36TA
Type	Turbo	Turbo Intercooler		
Displacement	4.400 cc - 4 in line		3.400 cc - 4 in line	3.600 cc - 4 in line
Injection	Direct mechanical control		Electronic control with Common Rail	
Aftertreatment system	-		EGR+DOC+SCR	EGR+DOC+DPF+SCR
Cooling	Water-cooled, dry air filter			
Rated power	64 kW (2.400 rpm)	70 kW (2.200 rpm)	90 kW (2.200 rpm)	90 kW (2.400 rpm)
Torque	404 Nm (1.400 rpm)	418 Nm (1.400 rpm)	500 Nm (1.400 rpm)	500 Nm (1.500 rpm)
Alternator	12 V-65 A		12 V-90 A	12 V-120 A

Battery: 12 V - 135 Ah (850 A)

Fuel tank: 90 L

HYDRAULIC SYSTEM

Maximum flow rate: 45 L/min

Maximum pressure: 230 bar

Total capacity: 100 L

WATER SYSTEM

Maximum flow rate: 250 L/min

Maximum pressure: 4 bar

Total capacity: 870 L

MIXING AND UNLOADING

Drum volume: 5.000 L

Rotation speed: 20 rpm

Concrete: 3,5 mc

CAB

ROPS & FOPS Level I

LOADER

Volumetric capacity: 680 L

Number of loaderfuls per load: ca. 9

NOISE LEVEL

Sound power level guaranteed: 108 dB(A)

MECHANICAL VALUES

Operating weight: 6.300 kg

Maximum gross weight: 14.800 kg

Payload capacity: 8.700 kg

Transmission: Integral 4X4

Steering: 4W - 2W - crab

Tyres: 405/70-20 14 PR

BIG BAG OPTION

O. Maximum length (BIG BAG on the ground): 6.560 mm

P. BIG BAG structure lenght: 1440 mm

Q. Maximum height (BIG BAG raised): 4.530 m

R. BIG BAG structure height: 1.625 mm

S. BIG BAG width: 800 mm

T. BIG BAG depth: 800 mm

U. BIG BAG height: 1.000 mm

W. BIG BAG height (double skirt bottom): 1200 mm

X. BIG BAG maximum wight: 1.500 kg

DIMENSIONI

A. Lenght: 5.090 mm

B. Lenght (loader on the ground): 6.310 mm

C. Width: 2.380 mm

D. Height: 3.635 mm

E. Height (loader on the ground): 2.865 mm

F. Cab height: 2.700 mm

G. Hopper unloading height: 1.760 mm

H. Maximum chute unloading height: 1.510 mm

I. Minimum chute unloading height: 1.395 mm

J. Approach angle: 35°

K. Ground clearance: 390 mm

L. Minimum steering radius of outer dimensions: 4.805 mm

M. Minimum steering radius of outer wheels: 4.325 mm

N. Minimum steering radius of inner wheels: 2.100 mm

SPEED

Forward	Reverse
0 - 3,0 km/h	0 - 3,0 km/h
0 - 7,2 km/h	0 - 3,0 km/h
0 - 10,0 km/h	0 - 10,0 km/h
0 - 25,2 km/h	0 - 10,0 km/h