



Technical Features

F-LINE Mixer Series



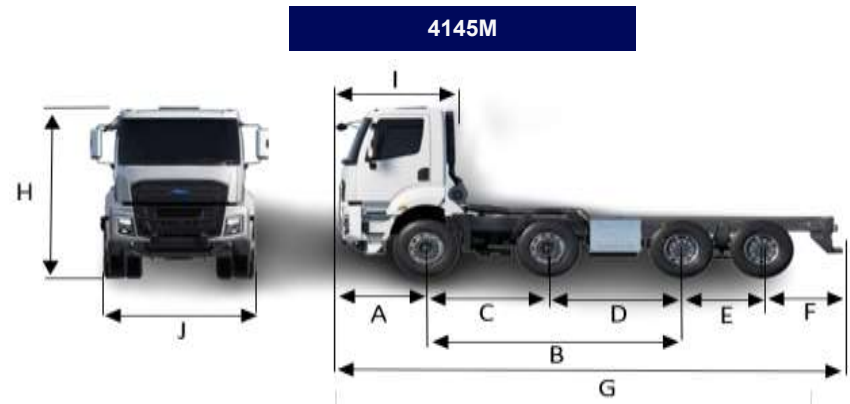
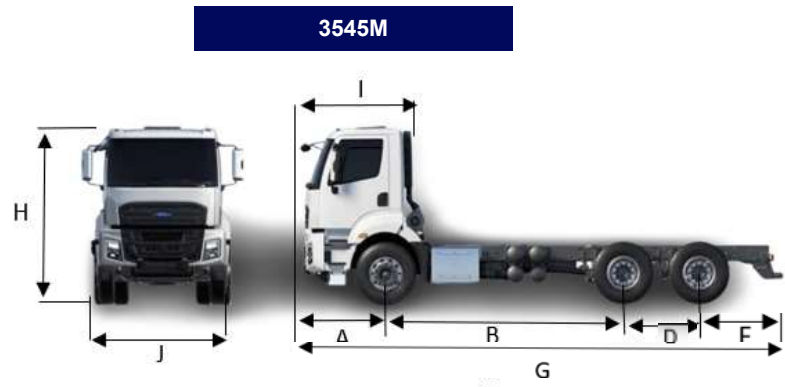
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Technical Features	3545M	4145M
Engine		
Type	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	12.740 cm3	12.740 cm3
Power PS (kW)	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d
Torque	2500 Nm @ 1100-1200 d/d (Off-Road Mode) 2300 Nm @ 1300-1500 d/d (Normal Mode)	2500 Nm @ 1100-1200 d/d (Off-Road Mode) 2300 Nm @ 1300-1500 d/d (Normal Mode)
Powertrain		
Clutch	430 mm Single Disc	430 mm Single Disc
Transmission / Ratios	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)
Forward and Reverse Gear	Automated: 16 forward + 2 reverse	Automated: 16 forward + 2 reverse
FDR	4,08	4,08
Axle & Suspension		
Axle Configuration	6x4	8x4
Front Axle	8 T	8 T
Rear Axle	XPT - 330, 16 T	XPT - 330, 16 T
Suspension	Parabolic Front Leaf Spring / Mechanical Rear Ruspension	Parabolic Front Leaf Spring / Mechanical Rear Suspension
Brakes		
Brake System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater
Service Brake	Front and rear disc brakes	Front and rear disc brakes
Brakes (Front/Rear) (Ø.mm x mm. Length)	430 x 45 Disc Brake	430 x 45 Disc Brake
Engine Brake Power	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)
Hydraulic Retarder	max. 450 kW / Continuous 160 kW	max. 450 kW / Continuous 160 kW
Drivers Cab		
Cab Type	Day Cab	Day Cab
Fuel & AdBlue Tank		
Fuel Tank	315 L, Right Hand Side, Steel	315 L, Right Hand Side, Steel
SCR Tank	55 L	55 L
Chassis		
Thickness and Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material
Tires		
Front Axle	315/80 R 22,5	315/80 R 22,5
Rear Axle	315/80 R 22,5	315/80 R 22,5
Rims	22.5X9.0 Steel	22.5X9.0 Steel

Standard and Optional Features	3545M	4145M
Safety & Technology		
Lane Keeping Alert (LDWS)	•	•
Electronic Stability Program (ESP)	•	•
Driver Alert System	•	•
Moving-off Information System (MOIS)	•	•
Rear View Camera	•	•
Blind Spot Information System (BLIS)	•	•
Alcohol Interlock Facilitation	•	•
Traffic Sign Recognition	•	•
Emergency Stop Signal	•	•
Tire Pressure Monitoring System (TPMS)	•	•
Electronic Brake System with ABS & ATC (EBS)	•	•
Electro-Hydraulic Steering System (EHPAS)	○	•
Retarder	-	○
Diferential Lock	•	•
Interior		
Multimedia System with 9" Touch Screen (DAB Radio, Bluetooth, USB (A Type - C Type), Apple CarPlay, Android Auto, Remote Control)	•	•
Navigation	○	○
Improved Sound and Heat Insulation	•	•
Manual Sunroof	○	○
Air Conditioning	•	•
Wet Type Cab Heater	○	○
Dual Passenger Seat	○	○
Driver Seat Armrest	○	○
Adjustable Steering Wheel	•	•
Driver Seatbelt Warning System	•	•
Power Windows & Remote Height Adjustment	•	•
Rear Window	•	•
Less Rear Window	○	○
Multi-Function Remote Control Key, 2 pieces	•	•
Exterior		
Heated and Electrically Controlled Side Mirrors	•	•
250L Steel Fuel Tank (Right Side)	-	○
350L Aluminium Fuel Tank (Right Side)	-	○
4750 mm Wheelbase	-	○
HVO Compatability	•	•
Engine PTO	•	•

Standard and Optional Features	3545M	4145M
Exterior		
Twin PTO (Low and High Ratio)	○	○
Flange Type Direct Output PTO	○	○
Pump Type Direct Output PTO	○	○
Flange Type Offset Output PTO	○	○
Pump Type Offset Output PTO	○	○
Hydraulic Cab Tilting	●	●
FL, EX/II & AT Classification ADR Package	○	-
Electrically Operated Cab Tilting	○	○
Without Front Spare Tire	○	○
Front Spare Tire / Rim	●	●
28T Rubber Suspension	-	○
Horizontal Exhaust	●	●
LED Headlamps	○	○
Halogen Headlamps	●	●
Rain Sensor & Autolamps	●	●
AGM Battery	○	○
EFB (240 Ah) Battery	●	●
Construction Capacity Increase Package (9 ton front axle, 385/65 R 22,5 front tires, Electro-Hydraulic Steering Wheel -EHPAS, 22.5X11.75 Steel)	○	-
Switchable Air Brake Compressor	●	●
Smart Tachograph	●	●
4 Points Independent Cab Suspension	●	●
Short Bumper	●	●
Cold Pack	○	○
Rear Towing Hooks	○	○
Front Towing Hooks	●	●

● Standard ○ Optional



Dimensions (mm)	3545M	4145M
Wheelbase (B)	3800	5100
Overall Length (G)	7500	8883
Front Overhang (A)	1450	1485
Rear Overhang (F)	900	948
Distance Between 1st and 2nd Wheel Centers (C)	3800	2050
Distance Between 2nd and 3th Wheel Centers (D)	1350	3050
Distance Between 3th and 4th Wheel Centers (E)	-	1350
Overall Vehicle Width (Excluding Mirrors) (J)	2540	2540
Overall Cab Length (I)	1777	1827
Total Vehicle Height (H)	3160	3108
Turning Radius	9700	11230
Useful Chassis Length	5136	6575

Weights (kg)		1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
3545M	Technically Permissible Weight	8000	13400	13400	-	34800
	Kerb Weight	5199	2517	2173	-	9889
	Payload	2801	10883	11227	-	24911
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4145M	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3795	3389	2026	1895	11105
	Payload	4205	4611	11374	11505	31695
	Regulatory Permissible Weight	8000	8000	9500	9500	32000

*The kerb weight data includes a 90% full fuel tank, other fluids, tools, a spare tire, and a driver weighing 75 kg. Weight values may vary depending on the vehicle configuration.

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