



Technical Features

# F-LINE Mixer Series



Sharing the load

Technical Features

February 2025

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 (353 kW) @ 1800 d/d	450 PS (353 kW) @ 1800 d/d
Torque	2500Nm @ 1000-1200 d/d	2500Nm @ 1000-1200 d/d
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

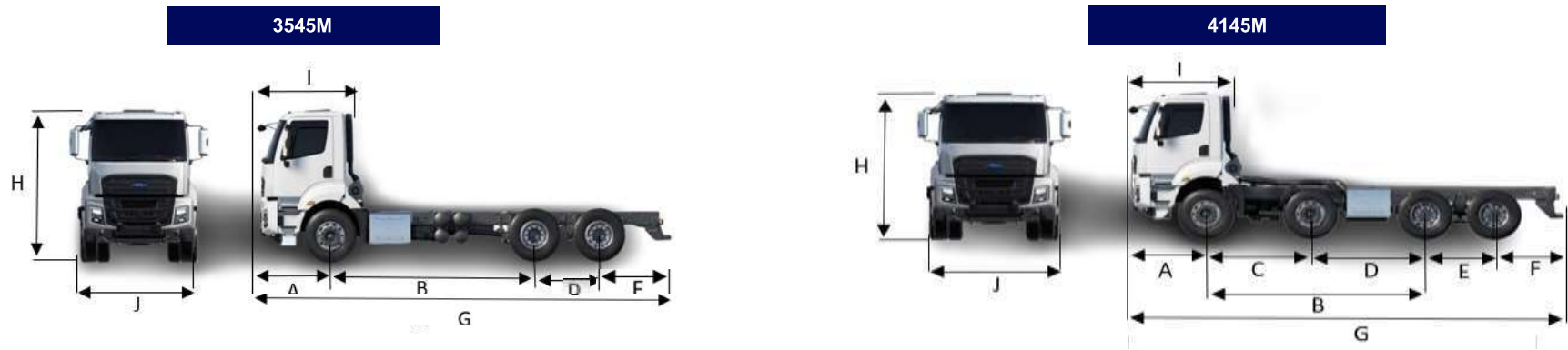
## Standard and Optional Features

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Standard and Optional Features	3545M	4145M
<b>Safety &amp; Technology</b>		
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	○	○
Differential Lock	•	•
<b>Interior</b>		
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	○	○
Axle Load Measurement Device	•	•
Adjustable Steering Wheel	•	•
Driver Seatbelt Warning System	•	•
Power Windows & Remote Height Adjustment	•	•
Rear Window	•	•
Less Rear Window	○	○
Side Window Dimmings	•	•
Multi-Function Remote Control Key, 2 pieces	•	•
<b>Exterior</b>		
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)	○	○
NH1B Transmission PTO	○	○
NH1C Transmission PTO	○	○
NH4B Transmission PTO	○	○
NH4C Transmission PTO	○	○
Hydraulic Cab Tilting	●	●
FL, EX/II, OX & 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	●	●
225 aH Battery	●	●
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)	8265	8850
Front Overhang (A)	1450	1450
Rear Overhang (F)	1665	950
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)	3273	2540
Overall Cab Length (I)	2200	2210
Total Vehicle Height (H)	3132	3170
Turning Radius	9700	11230
Useful Chassis Length	5900	6665

	Weights (kg)	1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
3545M	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5164	2594	2170	-	9928
	Payload	2836	10806	11230	-	24072
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4145M	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3905	3305	2052	1891	11153
	Payload	4095	4695	11348	11509	31647
	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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