



Technical Features

F-LINE Mixer Series



Sharing the load

Technical Features

September 2024

Technical Features	3542M	4142M
Engine		
Type	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	12.740 cm ³	12.740 cm ³
Power PS (kW)	420 PS (309 kW) @ 1800 d/d	420 PS (309 kW) @ 1800 d/d
Torque	2150 Nm @ 1000-1300 d/d	2150 Nm @ 1000-1300 d/d
Powertrain		
Clutch	430 mm Single Disc	430 mm Single Disc
Transmission / Ratios	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823) Manual: ZF 16S 2530 (13,805-0,836)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823) Manual: ZF 16S 2530 (13,805-0,836)
Forward and Reverse Gear	Automated: 16 forward + 2 reverse Manual: 16 forward + 2 reverse	Automated: 16 forward + 2 reverse Manual: 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 Suspension	Parabolic Front Leaf Spring / Mechanical Rear Suspension
Brakes		
Brake System	Dual Brake Circuit - Air Processing Unit with Integrated Oil Separator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Separator 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

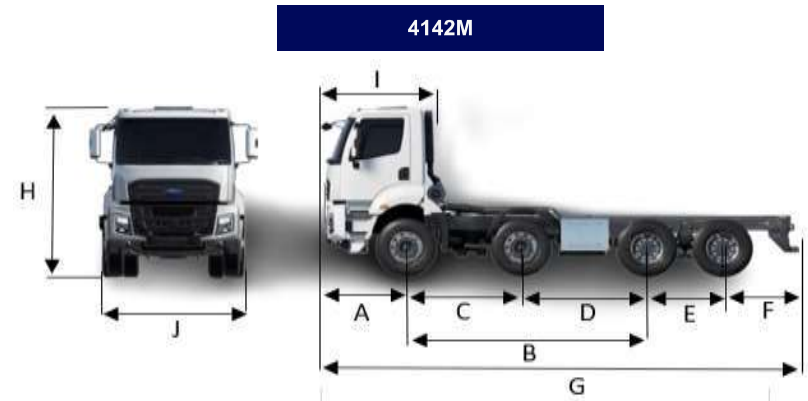
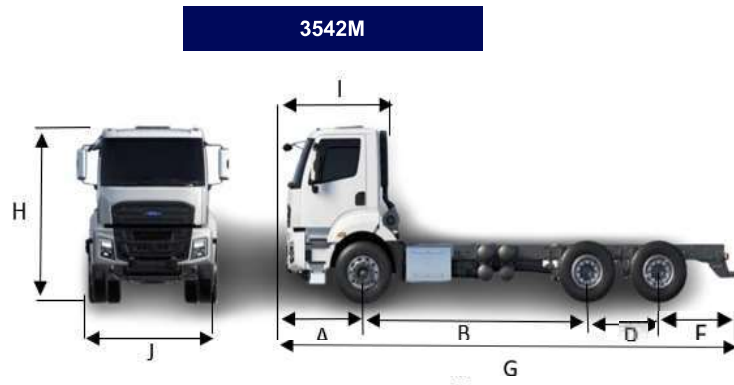
Standard and Optional Features

September 2024

Standard and Optional Features	3542M	4142M
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	○	○
Differential 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	○	○
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	•	•
Exterior		
Heated and Electrically Controlled Side Mirrors	•	•
250L Steel Fuel Tank (Right Side)	-	○
350L Aluminium Fuel Tank (Right Side)	-	○
4750 mm Wheelbase	-	○
Engine PTO	•	•
Twin PTO (Low and High Ratio)	○	○
NH1B Transmission PTO	○	○
NH1C Transmission PTO	○	○

Standard and Optional Features	3542M	4142M
Exterior		
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)	3542M	4142M
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

Weights (kg)		1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
3542M	Technically Permissible Weight	8000	13400	13400	-	34800
	Kerb Weight	5263	2441	2248	-	9952
	Payload	2737	10959	11152	-	24848
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4142M	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3690	3644	2008	1962	11305
	Payload	4310	4356	11392	11438	31496
	Regulatory Permissible Weight	8000	8000	9500	9500	32000

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