



Technical Features

F-LINE

Light Weight Construction Series



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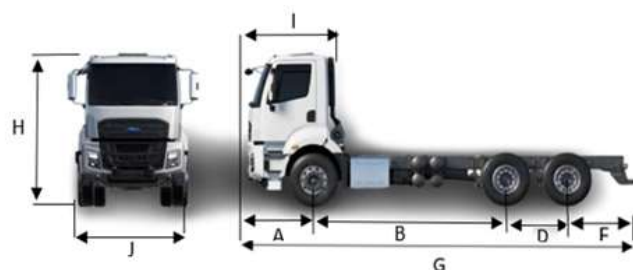
Technical Features	3545M L	4145M L	3545D L		4145D L	
Engine	Day Cab	Day Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Type	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	12.740 cm3	12.740 cm3	12.740 cm3	12.740 cm3	12.740 cm3	12.740 cm3
Power PS (kW)	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d	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)	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)	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	430 mm Single Disc	430 mm Single Disc	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)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)
Forward and Reverse Gear	16 forward + 2 reverse	16 forward + 2 reverse	16 forward + 2 reverse	16 forward + 2 reverse	16 forward + 2 reverse	16 forward + 2 reverse
FDR	4,08	4,08	4,08	4,08	4,87	4,87
Axle & Suspension						
Axle Configuration	6x4	8x4	6x4	6x4	8x4	8x4
Front Axle	8 T	8 T	8 T	8 T	8 T	8 T
Rear Axle	XST - 420, 11 T	XST - 420, 11 T	XST - 420, 11 T	XST - 420, 11 T	XST - 420, 11 T	XST - 420, 11 T
Suspension	Parabolic Front Leaf Spring/ Mechanical Rear Suspension	Parabolic Front Leaf Spring/ Mechanical Rear Suspension	Parabolic Front Leaf Spring/ Mechanical Rear Suspension	Parabolic Front Leaf Spring/ Mechanical Rear 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 Seperator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater	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 Brake	Front and Rear Disc Brake	Front and Rear Disc Brake	Front and Rear Disc Brake	Front and Rear Disc Brake	Front and Rear Disc Brake
Brakes (Front/Rear) (Ø.mm x mm. Length)	430 x 45 Disc Brake	430 x 45 Disc Brake	430 x 45 Disc Brake	430 x 45 Disc Brake	430 x 45 Disc Brake	430 x 45 Disc Brake
Engine Brake Power	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)
Hydraulic Retarder	max. 450 kW / continuous 160 kW	max. 450 kW / continuous 160 kW	max. 450 kW / continuous 160 kW	max. 450 kW / continuous 160 kW	max. 450 kW / continuous 160 kW	max. 450 kW / continuous 160 kW
Fuel & AdBlue Tank						
Fuel Tank	315L, Right Hand Side, Aluminium	300L, Right Hand Side, Aluminium	315L, Right Hand Side, Aluminium	315L, Right Hand Side, Aluminium	300L, Right Hand Side, Aluminium	300L, Right Hand Side, Aluminium
SCR Tank	55 L	55 L	55 L	55 L	55 L	55 L
Chassis						
Thickness and Material	U Profile, High Strength, 8 mm Thickness, S500 MC Material	U Profile, High Strength, 8 mm Thickness, S500 MC Material	U Profile, High Strength, 8 mm Thickness, S500 MC Material	U Profile, High Strength, 8 mm Thickness, S500 MC Material	U Profile, High Strength, 8 mm Thickness, S500 MC Material	U Profile, High Strength, 8 mm Thickness, S500 MC Material
Tires						
Front Axle	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5
Rear Axle	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5
Rims	22.5X9.0 Steel	22.5X9.0 Steel	22.5X9.0 Steel	22.5X9.0 Steel	22.5X9.0 Steel	22.5X9.0 Steel

Standard and Optional Features	3545M L	4145M L	3545D L		4145D L	
Safety & Technology	Day Cab	Day Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Pre-Collision Assist	○	○	○	○	○	○
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)	●	●	●	●	●	●
Auto High Beam Headlamps	○	○	○	○	○	○
Pre-Collision Assist with Pedestrian Detection	○	○	○	○	○	○
Electronic Brake System with ABS & ATC (EBS)	●	●	●	●	●	●
Electro-Hydraulic Streeing 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	●	●	●	●	●	●
Dry Cab Heater	-	-	-	○	-	-
Dry & Wet Type Cab Heater	-	-	-	○	-	-
Wet Type Cab Heater	○	○	○	○	○	-
Dual Passenger Seat	○	○	○	-	○	-
Driver Seat Armrest	○	○	○	●	○	●
Adjustable Steering Wheel	●	●	●	●	●	●
Driver Seatbelt Warning System	●	●	●	●	●	●
Mattress Topper for Lower Bed	-	-	-	○	-	○
Single Bed (Without Upper Storage Ares)	-	-	-	●	-	●
Improved Sound and Heat Insulation in the Cabin	●	●	●	●	●	●
Rear Window	●	●	○	-	○	-
Less Rear Window	○	○	●	●	●	●
Bed Side Control System	●	●	●	●	●	●
Interior Lighting with Reading and Night Light Functions	●	●	●	●	●	●
Multi-Function Remote Control Key, 2 pieces	●	●	●	●	●	●

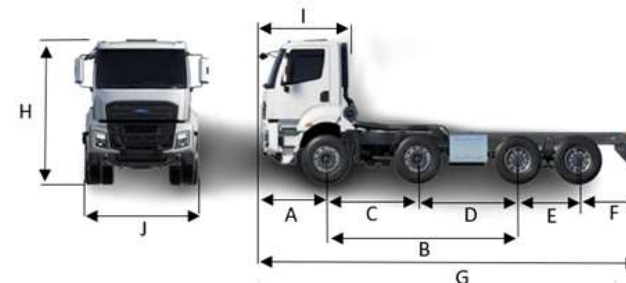
Standard and Optional Features	3545M L	4145M L	3545D L		4145D L	
Exterior	Day Cab	Day Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
4,08 FDR	●	●	●	●	○	○
4,11 FDR	○	○	○	○	○	○
4,87 FDR	-	-	○	○	●	●
Composite Leaf Spring Rear Suspension	○	○	○	○	○	○
XPT-330 Rear Axle	○	○	○	○	○	○
385/65 R22.5 Front Tire (With 315/80 R 22.5 Rear Tire)	-	○	-	-	○	○
315L Aluminum Fuel Tank (Right Side)	●	○	●	●	○	○
300L Aluminum Fuel Tank (Right Side)	-	●	○	○	●	●
250L Aluminum Fuel Tank (Right Side)	-	○	-	-	○	○
3300 mm Wheelbase	-	-	○	○	-	-
3800 mm Wheelbase	●	-	●	●	-	-
4400 mm Wheelbase	-	●	-	-	●	●
4750 mm Wheelbase	-	-	-	-	○	○
5100 mm Wheelbase	-	○	-	-	○	○
HVO Compatability	●	●	●	●	●	●
Engine PTO	●	●	○	○	○	○
Pump Type Offset Output PTO	○	○	●	●	●	●
Pump Type Direct Output PTO	○	○	-	-	○	○
Flange Type Offset Output PTO	○	○	○	○	○	○
Flange Type Direct Output PTO	○	○	○	○	○	○
Twin PTO (Low and High Ratio)	○	○	○	○	○	○
Hydraulic Cab Tilting	●	●	●	●	●	●
Electrically Operated Cab Tilting	○	○	○	○	○	○
FL, EX/II & AT Classification ADR Package	○	-	○	○	-	-
Aluminum Rims Except for Baloon Tyres (Alcoa)	○	○	○	○	○	○
Reinforced Wheel Rim	-	-	-	-	○	○
Without Front Spare Tire	○	○	○	○	○	○
Front Spare Tire / Rim	●	●	●	●	●	●
Horizontal Exhaust	●	●	●	●	●	●
Vertical Exhaust	-	-	○	-	-	-
LED Headlamps	○	○	○	○	○	○
Halogen Headlamps	●	●	●	●	●	●
Rain Sensor & Autolamps	○	○	○	○	○	○
AGM Battery	○	○	○	○	○	○
EFB (240 Ah) Battery	●	●	●	●	●	●
Switchable Air Brake Compressor	●	●	●	●	●	●
Smart Tachograph	●	●	●	●	●	●
Air Cab Suspension	●	●	●	●	●	●
Short Bumper	●	●	●	●	●	●
Snow Plower Short Bumper	-	-	○	○	○	○
Medium Bumper	-	-	○	-	-	-
Cold Pack	○	○	○	○	○	○
Beacon Lamp	-	-	○	-	○	-
Double Roof Beacon Lamp (Passenger Side Lamp & Driver Side Infrastructure)	○	○	○	○	○	○
Front Towing Hooks	●	●	●	●	●	●

● Standard ○ Optional

3545M L & 3545D L DC



4145M L & 4145D L DC



Dimensions (mm)	3545M L	4145M L	3545D L		4145D L	
	Day Cab	Day Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Wheelbase (B)	3800	4400	3800	3800	4400	4400
Overall Length (G)	8260	8091	7511	7511	8091	8091
Front Overhang (A)	1450	1450	1450	1450	1450	1450
Rear Overhang (F)	900	905	911	911	905	905
Distance Between 1st and 2nd Wheel Centers (C)	3800	2050	3800	3800	2050	2050
Distance Between 2nd and 3th Wheel Centers (D)	1350	2350	1350	1350	2350	2350
Distance Between 3th and 4th Wheel Centers (E)	-	1350	-	-	1350	1350
Overall Vehicle Width (Excluding Mirrors) (J)	2540	2540	2540	2540	2540	2540
Overall Cab Length (I)	1777	1777	1777	2260	1777	2243
Total Vehicle Height (H)	3081	3241	3200	3200	3241	3241
Useful Chassis Length	5136	5770	5181	4836	5770	5770

Weights (kg)		1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
3545M L (Day Cab)	Technically Permissible Weight	8000	11500	11500	-	29000
	Kerb Weight	5154	2299	2107	-	9560
	Payload	2846	9201	9393	-	19440
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4145M L (Day Cab)	Technically Permissible Weight	8000	8000	11500	11500	37000
	Kerb Weight	3643	3607	1578	1383	10211
	Payload	4357	4393	9922	10117	26789
	Regulatory Permissible Weight	8000	8000	9500	9500	28000
3545D L (Day Cab)	Technically Permissible Weight	8000	11500	11500	-	29000
	Kerb Weight	5205	2113	1707	-	9025
	Payload	2795	9387	9793	-	19975
	Regulatory Permissible Weight	8000	9500	9500	-	26000
3545D L (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	11500	11500	-	29000
	Kerb Weight	5342	2113	1707	-	9162
	Payload	2658	9387	9793	-	19838
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4145D L (Day Cab)	Technically Permissible Weight	8000	8000	11500	11500	37000
	Kerb Weight	3694	3576	1774	1538	10582
	Payload	4306	4424	9726	9962	26418
	Regulatory Permissible Weight	8000	8000	9500	9500	28000
4145D L (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	8000	11500	11500	37000
	Kerb Weight	3831	3576	1774	1538	10719
	Payload	4169	4424	9726	9962	26281
	Regulatory Permissible Weight	8000	8000	9500	9500	28000

*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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