



Technical Features

F-LINE 8X2 - 6X4 Road Series



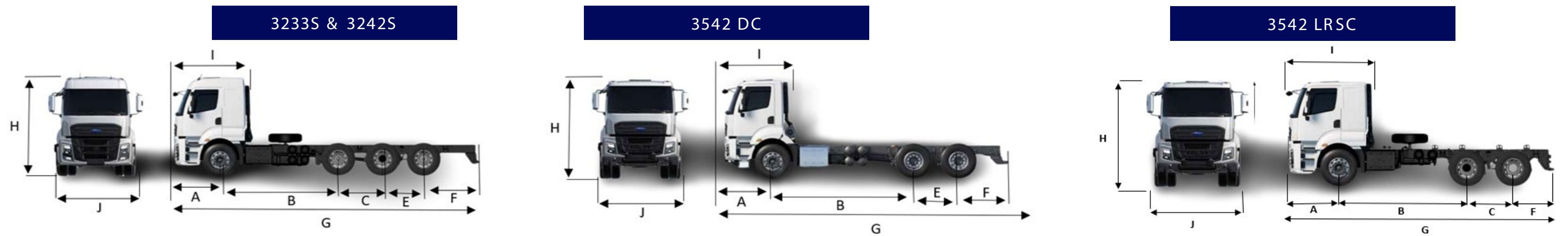
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Technical Features	3233S	3242S	3542	
	High Roof Sleeper Cab	High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Engine	GEN1.5 Ecotorq Euro 6 115 mm x 144 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm
Type	GEN1.5 Ecotorq Euro 6 115 mm x 144 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	8.974 cm ³	12.740 cm ³	12.740 cm ³	12.740 cm ³
Power PS (kW)	330 PS (243 kW) @ 1900 d/d	420 PS (308,9 kW) / 1800 d/d	420 PS (309 kW) @ 1800 d/d	420 PS (309 kW) @ 1800 d/d
Torque	1400 Nm @ 1200-1650 d/d	2150 Nm @ 1000-1300 d/d	2150 Nm @ 1000-1300 d/d	2150 Nm @ 1000-1300 d/d
Powertrain				
Clutch	430 mm Single Disc	430 mm Single Disc	430 mm Single Disc	430 mm Single Disc
Transmission / Ratios	Automated: ZF 9S 14409 (9,48 - 0,75) Manual: Eaton 9S 13209 (9,40 - 0,75)	Automated: Ecotorq 16S 2600 DD (17,03 - 1,00)	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: 9 forward + 1 reverse Manual: 9 forward + 1 reverse	Automated: 16 forward + 2 reverse	Automated: 16 forward + 2 reverse Manual: 16 forward + 2 reverse	Automated: 16 forward + 2 reverse Manual: 16 forward + 2 reverse
FDR	4,63	2,64	4,08	4,08
Axle & Suspension				
Axle Configuration	8x2	8x2	6x4	6x4
Front Axle	7 T	7 T	8 T	8 T
Rear Axle	XSS-510, 13.5 T	XSS-510, 13.5 T	XPT-330, 16 T	XPT-330, 16 T
Suspension	Parabolic Front Leaf Spring / Compensating Mechanical Rear Suspension	Parabolic Front Leaf Spring / Compensating 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 Separator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Separator and Heater	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	Front and Rear Z-Cam Drum Brake System	Front and Rear Z-Cam Drum Brake System
Brakes (Front/Rear) (Ø.mm x mm. Length)	430 x 45 - Disc Brake	430 x 45 Disc Brake	410 x 200 Z-Cam Drum Brake System	410 x 200 Z-Cam Drum Brake System
Engine Brake Power	max. 220 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	-
Fuel & AdBlue Tank				
Fuel Tank	550 L, Right Hand Side, Aluminum	550 L, Right Hand Side, Aluminum	315 L, Right Hand Side, Steel	315 L, Right Hand Side, Steel
SCR Tank	78 L	78 L	55 L	55 L
Chassis				
Thickness and Material	U Profile, High Strength, 7 mm Thickness	U Profile, High Strength, 7 mm Thickness	U Profile, High Strength, 7 mm Thickness	U Profile, High Strength, 7 mm Thickness
Tires				
Front Axle	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
Rims	22.5X9.0 Steel	22.5X9.0 Steel	22.5X9.0 Steel	22.5X9.0 Steel

Standard and Optional Features	3233S	3242S	3542	
	High Roof Sleeper Cab	High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Safety & Technology				
Pre-Collision Assist	●	●	-	-
Lane Keeping Alert (LDWS)	●	●	●	●
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	○	○	-	-
Intelligent Adaptive Cruise Control with Stop & Go (iACC)	-	-	○	○
Electronic Brake System with ABS & ATC (EBS)	●	●	○	○
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	●	●	●	●
Air Conditioning	●	●	●	●
Dry & Wet Type Cab Heater	○	○	-	-
Dry Type Cab Heater	●	●	-	-
Wet Type Cab Heater	○	○	○	-
Dual Passenger Seat	-	-	○	-
Driver Seat Armrest	●	●	○	●
Axle Load Measurement Device	●	●	●	●
Adjustable Steering Wheel	●	●	●	●
Driver Seatbelt Warning System	●	●	●	●
Double Bed and Upper Storage Area	○	○	●	●
Single Bed (Without Upper Storage Areas)	●	●	-	●
Power Windows & Remote Height Adjustment	●	●	●	●
Side Window Dimmings	●	●	●	●
Bed Side Remote Control System	●	●	-	●
Black Alcantara Seat Fabric	●	●	●	●
Interior Lighting with Reading and Night Light Functions	●	●	-	●
Multi-Function Remote Control Key, 2 pieces	●	●	●	●

Standard and Optional Features	3233S	3242S	3542	
Exterior	High Roof Sleeper Cab	High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Heated and Electrically Controlled Side Mirrors	●	●	●	●
Spoiler & Side Extender	○	○	●	-
250L Steel Fuel Tank (Left Side)	○	○	●	-
5900 mm Wheelbase	○	○	●	-
8 Ton Front Axle Capacity	○	○	●	●
3,08 FDR	-	○	-	-
Engine PTO	○	○	○	○
Twin PTO (Low and High Ratio)	○	○	○	○
NH1B Transmission PTO	○	○	○	○
NH1C Transmission PTO	○	○	○	○
NH4B Transmission PTO	○	○	○	○
NH4C Transmission PTO	○	○	○	○
Hydraulic Cab Tilting	●	●	●	●
Electrically Operated Cab Tilting	○	○	○	○
FL, EX/II, OX & AT classification ADR Package	○	○	○	○
Without Front Spare Tire	○	○	○	○
Front Spare Tire / Rim	●	●	●	●
LED Headlamps	○	○	○	○
Halogen Headlamps	●	●	●	●
Rain Sensor & Autolamps	●	●	●	●
Adaptive Cruise Control (ACC)	-	○	-	-
225 aH Battery	●	●	●	●
Full Trailer - O3 (up to 10T towing capability)	-	-	○	○
Full Trailer - O4 (more than 10T towing capability)	-	-	○	○
Switchable Air Brake Compressor	●	-	○	●
Smart Tachograph	●	●	○	●
Short Bumper	-	-	○	●
Medium Bumper	●	●	○	-
Air Cab Suspension	-	○	○	-
Cold Pack	○	○	○	○
Front Towing Hooks	●	●	○	-
Beacon Lamp	-	-	○	-
Double Roof Beacon Lamp (Passenger Side Lamp & Driver Side Infrastructure)	-	-	○	○

● Standard ○ Optional



Dimensions (mm)	3233S	3242S	3542	
	High Roof Sleeper Cab	High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Wheelbase (B&C)	5200	5200	4500	4500
Overall Length (G)	9893	10920	9174	9174
Front Overhang (A)	1450	1440	1450	1450
Rear Overhang (F)	1924	2770	1874	1874
Distance Between 1st and 2nd Wheel Centers (B)	3779	3790	4500	4500
Distance Between 2nd and 3rd Wheel Centers (C)	1421	1410	1350	1350
Distance Between 3th and 4th Wheel Centers (E)	1319	1330	-	-
Overall Vehicle Width (Excluding Mirrors) (J)	2540	2540	2540	2540
Overall Cab Length (I)	2517	2255	1777	2260
Total Vehicle Height (H)	3109	3906	3127	3127
Turning Radius	-	-	10730	10730

Weights (kg)		1st Axle	2nd Axle	3rd Axle	4th Axle	Total
3233S (High Roof Sleeper Cab)	Technically Permissible Weight	7100	7100	12000	8700	33000
	Kerb Weight	5319	1440	1926	1312	9995
	Payload	1781	5660	10074	7388	23005
	Regulatory Permissible Weight	7100	7100	9500	8500	32000
3242S (High Roof Sleeper Cab)	Technically Permissible Weight	7100	7100	12600	10400	33000
	Kerb Weight	4651	2398	1541	1179	9769
	Payload	2449	4702	11059	9221	23231
	Regulatory Permissible Weight	7100	7100	9500	8500	32000
3542 (Day Cab)	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5589	2239	2239	-	10221
	Payload	2411	11161	11161	-	23779
	Regulatory Permissible Weight	8000	9500	9500	-	26000
3548T (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5698	2239	2239	-	10177
	Payload	2302	11161	11161	-	23823
	Regulatory Permissible Weight	8000	9500	9500	-	26000

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