



Technical Features

F-LINE 8X2 - 6X4 Road Series



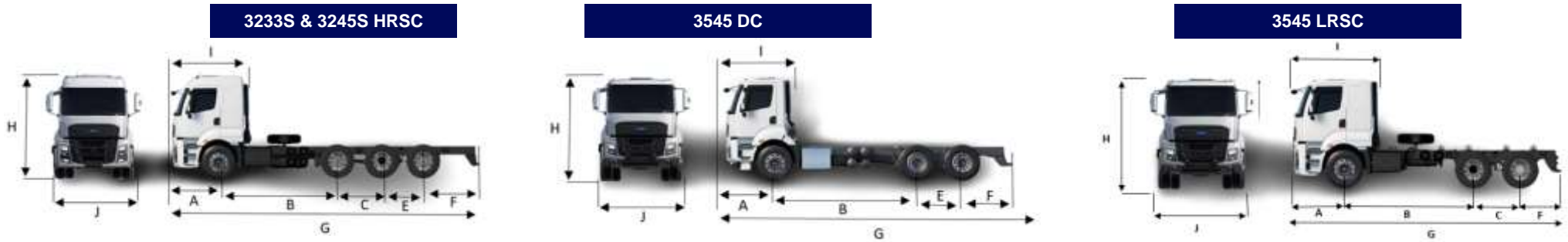
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Technical Features	3233S	3245S	3545	
Engine	High Roof Sleeper Cab	High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Type	GEN1.5 Ecotorq Euro 6 115 mm x 144 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	8.974 cm3	12.740 cm3	12.740 cm3	12.740 cm3
Power PS (kW)	330 PS (243 kW) @ 1900 d/d	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d
Torque	1400 Nm @ 1200-1650 d/d	2300 Nm @ 900-1300 d/d	2300 Nm @ 900-1300 d/d	2300 Nm @ 900-1300 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)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)
Forward and Reverse Gear	Automated: 9 forward + 1 reverse Manual: 9 forward + 1 reverse	Automated: 16 forward + 2 reverse	Automated: 16 forward + 2 reverse	Automated: 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	3245S	3545	
Safety & Technology	High Roof Sleeper Cab	High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Pre-Collision Assist	•	•	-	-
Lane Keeping Alert (LDWS)	•	•	•	•
Pre-Collision Assist	•	•	-	-
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	•	•	○	•
Mattress Topper for Lower Bed	○	○	-	○
Adjustable Steering Wheel	•	•	•	•
Driver Seatbelt Warning System	•	•	•	•
Double Bed and Upper Storage Area	○	○	-	-
Single Bed (Without Upper Storage Areas)	•	•	-	•
Power Windows & Remote Height Adjustment	•	•	•	•
Bed Side Remote Control System	•	•	-	•
Interior Lighting with Reading and Night Light Functions	•	•	-	•
Multi-Function Remote Control Key, 2 pieces	•	•	•	•

Standard and Optional Features	3233S	3245S	3545	
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	○	○	●	●
HVO Compatability	-	●	●	●
Engine PTO	○	○	○	○
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	●	●	●	●
Electrically Operated Cab Tilting	○	○	○	○
FL, EX/II, OX & AT Classification ADR Package	○	○	○	○
Without Front Spare Tire	○	○	○	○
Front Spare Tire / Rim	●	●	●	●
LED Headlamps	○	○	○	○
Halogen Headlamps	●	●	●	●
Residual Pack	○	○	-	-
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	●	●	-	-
Cold Pack	○	○	○	○
Front Towing Hooks	○	○	●	●
Beacon Lamp	-	-	○	-
Double Roof Beacon Lamp (Passenger Side Lamp & Driver Side Infrastructure)	-	-	○	○

● Standard ○ Optional



Dimensions (mm)	3233S	3245S	3545	
	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 3th 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
Useful Chassis Length	7108	7972	6857	6857

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	5273	1239	1925	1311	9950
	Payload	1827	5861	10075	7389	23050
	Regulatory Permissible Weight	7100	7100	9500	8500	32000
3245S (High Roof Sleeper Cab)	Technically Permissible Weight	7100	7100	12600	10400	33000
	Kerb Weight	5551	1606	1925	1311	10394
	Payload	1549	5494	10675	9089	22606
	Regulatory Permissible Weight	7100	7100	9500	8500	32000
3545 (Day Cab)	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5325	2691	2243	-	10260
	Payload	2675	10709	11157	-	23740
	Regulatory Permissible Weight	8000	9500	9500	-	26000
3545 (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5434	2691	2243	-	10369
	Payload	2566	10709	11157	-	23631
	Regulatory Permissible Weight	8000	9500	9500	-	26000

*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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