



Technical Features

F-LINE 4x2 Road Series



Sharing the load

Technical Features

September 2024

Technical Features	1833		1842
Engine	Day Cab	Low Roof Sleeper Cab	Low Roof Sleeper Cab
Type	GEN1.5 Ecotorq Euro 6 115 mm x 144 mm	GEN1.5 Ecotorq Euro 6 115 mm x 144 mm	GEN1.5 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	8.974 cm3	8.974 cm3	12.740 cm3
Power PS (kW)	330 PS (243 kW) @ 1900 d/d	330 PS (243 kW) @ 1900 d/d	420 PS (309 kW) @ 1800 d/d
Torque	1400 Nm @ 1200-1650 d/d	1400 Nm @ 1200-1650 d/d	2150 Nm @ 1000-1300 d/d
Powertrain			
Clutch	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: ZF 9S 14409 (9,48 - 0,75) Manual: Eaton 9S 13209 (9,40 - 0,75)	Automated: Ecotorq 16S 2600 DD (17,03 - 1,00)
Forward and Reverse Gear	Automated: 9 forward + 1 reverse Manual: 9 forward + 1 reverse	Automated: 9 forward + 1 reverse Manual: 9 forward + 1 reverse	16 Forward + 2 Reverse
FDR	4,11	4,375	2,64
Axle & Suspension			
Axle Configuration	4x2	4x2	4x2
Front Axle	7,5 T	8 T	7 T
Rear Axle	XSS - 470, 11,5 T	XSS - 470, 11,5 T	XSS - 470, 11,5 T
Suspension	Parabolic Front Leaf Spring / Multileaf Spring Rear Suspension	Parabolic Front Leaf Spring / Multileaf Spring Rear Suspension	Parabolic Front Leaf Spring / Multileaf Spring 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
Service Brake	Front and Rear Disc Brakes	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	430 x 45 - Disc Brake
Engine Brake Power	max. 220 kW (Engine Level)	max. 220 kW (Engine Level)	max. 320 kW (Engine Level)
Hydraulic Retarder	-	-	max. 450 kW / continuous 160 kW
Fuel & AdBlue Tank			
Fuel Tank	350L, Right Hand Side, Aluminum	350L, Right Hand Side, Aluminum	350L, Right Hand Side, Aluminum
SCR Tank	55 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
Tires			
Front Axle	315/70 R 22,5	315/80 R 22,5	315/80 R 22,5
Rear Axle	315/70 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

Standard and Optional Features

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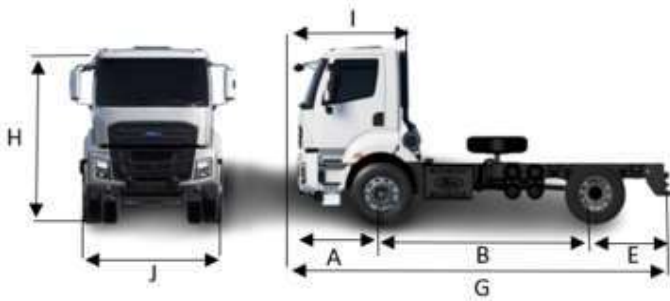
Standard and Optional Features	1833		1842
Safety & Technology	Day Cab	Low Roof Sleeper Cab	Low Roof Sleeper Cab
Pre-Collision Assist	•	•	•
Lane Keeping Alert (LDWS)	•	•	•
Electronic Stability Program (ESP)	•	•	•
Driver Alert System	•	•	•
Moving-off Information System (MOIS)	•	•	•
Rear View Camera	•	•	•
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	○	○	○
Intelligent Adaptive Cruise Control with Stop & Go (iACC)	-	-	○
Electronic Brake System with ABS & ATC (EBS)	•	•	•
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	•	•	•
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	•	•	•
Single Bed (Without Upper Storage Areas)	-	•	•
Power Windows & Remote Height Adjustment	•	•	•
Side Window Dimmings	•	•	•
Bed Side Remote Control System	-	•	•
Interior Lighting with Reading and Night Light Functions	-	•	•
Multi-Function Remote Control Key, 2 pieces	•	•	•

Standard and Optional Features	1833		1842
	Day Cab	Low Roof Sleeper Cab	Low Roof Sleeper Cab
Exterior			
Heated and Electrically Controlled Side Mirrors	●	●	●
200L Aluminum Fuel Tank (Right Side)	○	○	-
315L Steel Fuel Tank (Right Side)	-	-	○
400L Aluminum Fuel Tank (Right Side)	○	○	-
480L Aluminum Fuel Tank (Right Side)	-	○	-
550L Aluminum Fuel Tank (Right Side)	○	○	-
4,375 FDR	○	●	-
4,63 FDR	○	○	-
3,7 FDR	○	○	-
2,31 FDR	-	-	○
3,08 FDR	-	-	○
315/60 R 22,5 Tire	○	○	○
315/80 R 22,5 Tire	○	●	●
7 Ton Front Axle Capacity	○	●	●
7,5 Ton Front Axle Capacity (Below 5501 mm WB)	●	○	-
8 Ton Front Axle Capacity (Below 5501 mm WB)	○	○	○
Rear Air Suspension (C4AS)	○	○	○
3800 mm Wheelbase	○	-	-
4250 mm Wheelbase	●	○	○
4750 mm Wheelbase	○	●	●
5500 mm Wheelbase	○	○	-
5700 mm Wheelbase	-	-	○
6550 mm Wheelbase	○	○	-
Vertical Exhaust	○	-	-
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 - O2 (up to 3,5T towing capability)	○	○	-
Full Trailer - O3 (up to 10T towing capability)	○	○	-
Full Trailer - O4 (more than 10T towing capability)	-	-	○

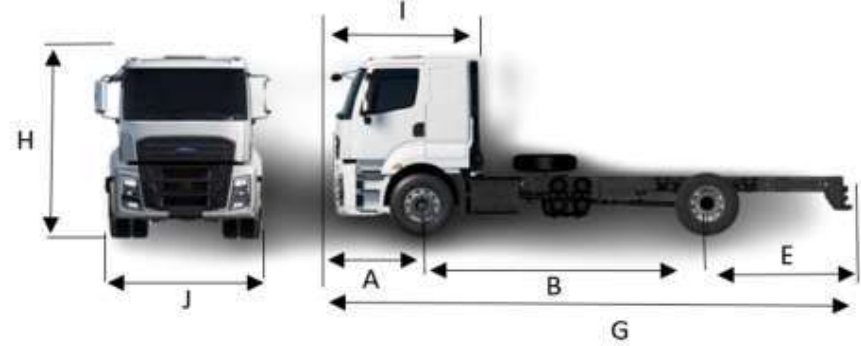
Standard and Optional Features	1833		1842
	Day Cab	Low Roof Sleeper Cab	Low Roof Sleeper Cab
Exterior			
Switchable Air Brake Compressor	-	-	•
Smart Tachograph	•	•	•
Medium Bumper	•	•	•
Cold Pack	○	○	○
Residual Collection Pack	○	○	○
Special Residual Collection Pack	○	-	-
Rear Towing Hooks	○	○	-
Front Towing Hooks	○	○	○
Beacon Lamp	○	-	-
Double Roof Beacon Lamp (Passenger Side Lamp & Driver Side Infrastructure)	○	○	○

• Standard ○ Optional

1833 DC



1833 LR & 1842



Dimensions (mm)	1833		1842
	Day Cab	Low Roof Sleeper Cab	Low Roof Sleeper Cab
Wheelbase (B)	4250	4750	4750
Overall Length (G)	7990	8750	8880
Front Overhang (A)	1450	1450	1450
Rear Overhang (E)	2300	2550	2550
Distance Between 1st and 2nd Wheel Centers (B)	4240	4750	4750
Overall Vehicle Width (Excluding Mirrors) (J)	2540	2540	2540
Overall Cab Length (I)	1777	2260	2517
Total Vehicle Height (H)	3123	3148	3110
Turning Radius	8580	9350	9350

Weights (kg)		1st Axle	2nd Axle	Total
1833 (Day Cab)	Technically Permissible Weight	7500	12600	19000
	Kerb Weight	4596	2416	7013
	Payload	2904	10184	11987
	Regulatory Permissible Weight	7500	11500	18000
1833 (Low Roof Sleeper Cab)	Technically Permissible Weight	7100	12600	19000
	Kerb Weight	4566	2654	7219
	Payload	2534	9946	11781
	Regulatory Permissible Weight	7100	11500	18000
1842 (Low Roof Sleeper Cab)	Technically Permissible Weight	7100	12600	19000
	Kerb Weight	5126	2667	7793
	Payload	1974	9933	11207
	Regulatory Permissible Weight	7100	11500	18000

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