



Technical Features

F-LINE Tipper Series



Sharing the load

Technical Features	1833D	2533D	3542D		4142D		4142XD		4445XD	
Brakes	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
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	max. 450 kW / continuous 160 kW	max. 450 kW / continuous 160 kW
Fuel & AdBlue Tank										
Fuel Tank	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel	315 l, Right Hand Side, Steel
SCR Tank	55 l	55 l	55 l	55 l	55 l	55 l	55 l	55 l	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	U Profile, High Strength, 10 mm Thickness, S500 MC Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material	U Profile, High Strength, 10 mm Thickness, S500 MC Material	U Profile, High Strength, 10 mm Thickness, S500 MC 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	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	315/80 R 22,5	13 R 22,5	13 R 22,5	385/65 R 22,5	385/65 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	13 R 22,5	13 R 22,5	13 R 22,5	13 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	Reinforced	Reinforced	22.5X11.75 Steel	22.5X11.75 Steel

Standard and Optional Features	1833D	2533D	3542D		4142D		4142XD		4445XD	
Exterior	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Heated and Electrically Controlled Side Mirrors	●	●	●	●	●	●	●	●	●	●
Reinforced Wheel Rim	-	-	-	-	○	○	●	●	●	-
250L Steel Fuel Tank (Right Side)	-	-	-	-	○	○	-	-	-	-
350L Aluminum Fuel Tank (Right Side)	○	-	-	-	-	-	-	-	-	-
4,87 FDR	-	-	○	○	●	●	●	●	●	●
4,08 FDR	-	-	●	●	○	○	○	○	○	-
4,63 FDR (with Full Trailer Pack - O3)	-	○	-	-	-	-	-	-	-	-
8 Ton Front Axle Capacity	○	○	●	●	●	●	●	●	●	-
4500 mm Wheelbase	-	-	-	○	-	-	-	-	-	-
4750 mm Wheelbase (For 1833D it transforms to 1833P)	○	-	-	-	○	○	○	○	○	-
4250 mm Wheelbase	○	-	-	-	-	-	-	-	-	-
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	○	○	○	○	-	-	-	-	-	-
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)	-	-	○	○	○	○	○	○	○	-
Without Front Spare Tire	○	○	○	○	○	○	○	○	○	○
Front Spare Tire / Rim	●	●	●	●	●	●	●	●	●	●
Horizontal Exhaust	●	●	●	●	●	●	●	●	●	●
Vertical Exhaust	○	-	○	-	-	-	-	-	-	-
LED Headlamps	○	○	○	○	○	○	○	○	○	○
Halogen Headlamps	●	●	●	●	●	●	●	●	●	●
Rain Sensor & Autolamps	○	○	-	-	-	-	-	-	-	-
225 aH Battery	●	●	●	●	●	●	●	●	●	●
Construction Capacity Increase Package (9 ton front axle, 385/65 R 22,5 front tires, Electro-Hydraulic Steering Wheel -EHPAS, 22.5X41.75 Steel, 44T	-	-	-	-	○	○	○	○	○	○
Switchable Air Brake Compressor	-	-	●	●	●	●	●	●	●	●
Smart Tachograph	●	●	●	●	●	●	●	●	●	●
4 Points Independent Cab Suspension	●	●	●	●	●	●	●	●	●	●
Medium Bumper	●	●	-	-	-	-	-	-	-	-
Short Bumper	○	-	●	●	●	●	●	●	●	●
Snow Plower Short Bumper	○	-	○	○	○	○	○	○	○	○
Oil Pan Shield	-	-	-	-	○	○	○	○	○	○
Cold Pack	○	○	○	○	○	○	○	○	○	○
Beacon Lamp	○	-	○	-	○	-	○	-	○	-
Double Roof Beacon Lamp (Passenger Side Lamp & Driver Side Infrastructure)	○	○	○	○	○	○	○	○	○	○
Rear Towing Hooks	○	○	○	○	○	○	○	○	○	○
Front Towing Hooks	○	○	●	●	●	●	●	●	●	●

● Standard ○ Optional

Technical Measurements

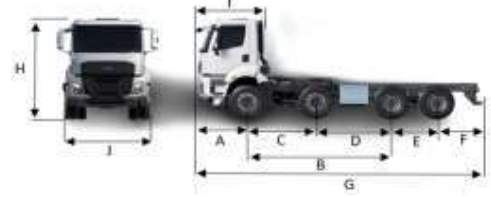
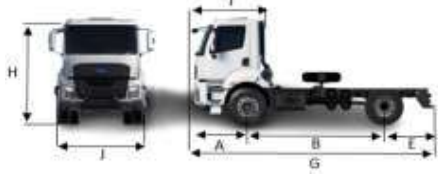
September 2024

1833D DC

3542D DC

2533D & 3542D LRSC

4142D & 4142XD & 4445XD DC



Dimensions (mm)	1833D	2533D	3542D		4142D & 4142XD		4445XD	
	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Wheelbase (B)	3800	3800	3800	3800	5100	5100	5100	5100
Overall Length (G)	6700	7988	7500	7500	8868	8868	8883	883
Front Overhang (A)	1450	1450	1450	1450	1450	1450	1485	1485
Rear Overhang (F)	1450	1442	900	900	968	968	948	948
Distance Between 1st and 2nd Wheel Centers (C)	3800	3781	3800	3800	2050	2050	2050	2050
Distance Between 2nd and 3rd Wheel Centers (D)	-	1315	1350	1350	3050	3050	3050	3050
Distance Between 3th and 4th Wheel Centers (E)	-	-	-	-	1350	1350	1350	1350
Overall Vehicle Width (Excluding Mirrors) (J)	2540	2540	2540	2540	2540	2540	2540	2540
Overall Cab Length (I)	1777	2260	1777	2260	1777	2260	1827	2310
Total Vehicle Height (H)	3106	3133	3160		2927	2927	3249	3249
Turning Radius	7900	9690	9700	9700	11230	11230	11230	11230

	Weights (kg)	1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
1833D (Day Cab)	Technically Permissible Weight	7100	12600	-	-	19000
	Kerb Weight	4701	2501	-	-	7202
	Payload	2399	10099	-	-	11798
	Regulatory Permissible Weight	7100	11500	-	-	18000
2533D (Low Roof Sleeper Cab)	Technically Permissible Weight	7100	12600	10900	-	25000
	Kerb Weight	4892	2111	1608	-	8611
	Payload	2208	10489	9292	-	16389
	Regulatory Permissible Weight	7100	11500	10000	-	25000
3542D (Day Cab)	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5474	2562	2395	-	10430
	Payload	2526	10838	11005	-	23570
	Regulatory Permissible Weight	8000	9500	9500	-	26000
3542D (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	-	34000
	Kerb Weight	5644	2562	2395	-	10600
	Payload	2356	10838	11005	-	23400
	Regulatory Permissible Weight	8000	9500	9500	-	26000
4142D (Day Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3993	3775	2057	2056	11881
	Payload	4007	4225	11343	11344	30019
	Regulatory Permissible Weight	8000	8000	9500	9500	32000
4142D (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	4103	3775	2057	2056	11991
	Payload	3897	4225	11343	11344	29909
	Regulatory Permissible Weight	8000	8000	9500	9500	32000
4142XD (Day Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3753	4191	2111	1971	12025
	Payload	4247	3809	11289	11429	29875
	Regulatory Permissible Weight	8000	8000	9500	9500	32000
4142XD (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900
	Kerb Weight	3980	4190,7	2110,56	1970,56	12252
	Payload	4020	3809,3	11289,44	11429,44	29648
	Regulatory Permissible Weight	8000	8000	9500	9500	32000
4445XD (Day Cab)	Technically Permissible Weight	9000	9000	13400	13400	44000
	Kerb Weight	3870	4190	2110	1970	12142
	Payload	5130	4810	11290	11430	31858
	Regulatory Permissible Weight	9000	9000	9500	9500	35500
4445XD (Low Roof Sleeper Cab)	Technically Permissible Weight	9000	9000	13400	13400	44000
	Kerb Weight	3980	4190	2110	1970	12252
	Payload	5020	4810	11290	11430	31748
	Regulatory Permissible Weight	9000	9000	9500	9500	35500

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