



Technical Features

# F-LINE Tipper Series



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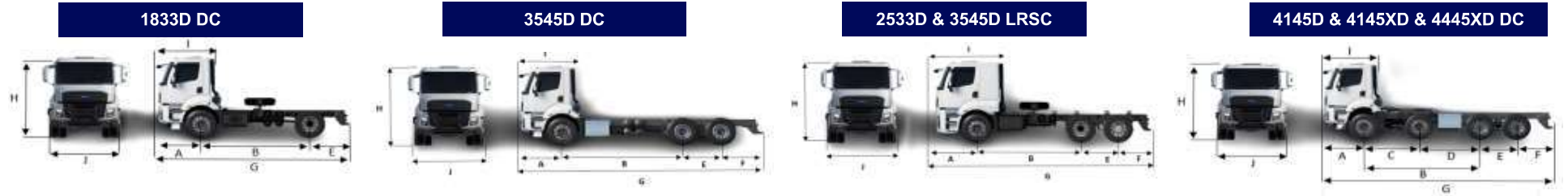


Technical Features	1833D	2533D	3545D		4145D		4145XD		4445XD	
Brakes	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab
Engine Brake Power	max. 220 kW (Engine Level)	max. 220 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	max. 320 kW (Engine Level)	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	max. 450 kW / continuous 160 kW	max. 450 kW / continuous 160 kW
<b>Fuel &amp; AdBlue Tank</b>										
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
<b>Chassis</b>										
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
<b>Tires</b>										
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	3545D		4145D		4145XD		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	○	-	-	-	-	-	-	-	-	-
HVO Compatability	-	-	●	●	●	●	●	●	●	●
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, 22.5X11.75 Steel, 44T GVM)	-	-	-	-	-	-	-	-	●	●
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



Dimensions (mm)	1833D	2533D	3545D		4145D & 4145XD		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 3th 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	3160	2927	2927	3249	3249
Turning Radius	7900	9690	9700	9700	11230	11230	11230	11230
Useful Chassis Length	4368	5268	5136	5530	6665	6195	6665	6195

		Weights (kg)				1st Axle	2nd Axle	3rd Axle	4rd Axle	Total
1833D (Day Cab)	Technically Permissible Weight	7000	12600	-	-	19000				
	Kerb Weight	4802	2369	-	-	7171				
	Payload	2198	10231	-	-	11829				
	Regulatory Permissible Weight	7500	11500	-	-	18000				
2533D (Low Roof Sleeper Cab)	Technically Permissible Weight	7100	12600	10900	-	25000				
	Kerb Weight	4822	2125	1574	-	8521				
	Payload	2278	10475	9326	-	16479				
	Regulatory Permissible Weight	7100	11500	10000	-	25000				
3545D (Day Cab)	Technically Permissible Weight	8000	13400	13400	-	34000				
	Kerb Weight	5411	2550	2385	-	10346				
	Payload	2589	10850	11015	-	23654				
	Regulatory Permissible Weight	8000	9500	9500	-	26000				
3545D (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	-	34000				
	Kerb Weight	5454	2694	2328	-	10475				
	Payload	2546	10706	11072	-	23525				
	Regulatory Permissible Weight	8000	9500	9500	-	26000				
4145D (Day Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900				
	Kerb Weight	3971	3752	2057	2056	11836				
	Payload	4029	4248	11343	11344	30064				
	Regulatory Permissible Weight	8000	8000	9500	9500	32000				
4145D (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900				
	Kerb Weight	4026	3806	2057	2056	11945				
	Payload	3974	4194	11343	11344	29955				
	Regulatory Permissible Weight	8000	8000	9500	9500	32000				
4145XD (Day Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900				
	Kerb Weight	3987	3776	2089	2088	11940				
	Payload	4013	4224	11311	11312	29960				
	Regulatory Permissible Weight	8000	8000	9500	9500	32000				
4145XD (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	8000	13400	13400	41900				
	Kerb Weight	4042	3830	2089	2088	12049				
	Payload	3958	4170	11311	11312	29851				
	Regulatory Permissible Weight	8000	8000	9500	9500	32000				
4445XD (Day Cab)	Technically Permissible Weight	9000	9000	13400	13400	44000				
	Kerb Weight	3958	3734	2049	2049	11790				
	Payload	5042	5266	11351	11351	32210				
	Regulatory Permissible Weight	8000	8000	9500	9500	32000				
4445XD (Low Roof Sleeper Cab)	Technically Permissible Weight	9000	9000	13400	13400	44000				
	Kerb Weight	4013	3788	2049	2049	11899				
	Payload	4987	5212	11351	11351	32101				
	Regulatory Permissible Weight	8000	8000	9500	9500	32000				

\*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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