



Technical Features

F-LINE Tractor Series



Sharing the load

Technical Features	1845T		3551T		
Engine	Low Roof Sleeper Cab	Extra High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	High Roof Sleeper Cab
Type	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	GEN2 Ecotorq Euro 6 130 mm x 160 mm	GEN2 Ecotorq Euro 6 130 mm x 160 mm
Displacement (cc)	12.740 cm3	12.740 cm3	12.740 cm3	12.740 cm3	12.740 cm3
Power PS (kW)	450 PS (330 kW) @ 1800 d/d	450 PS (330 kW) @ 1800 d/d	510PS (375 kW) @1800d/d	510PS (375 kW) @1800d/d	510PS (375 kW) @1800d/d
Torque	2300 Nm @ 900-1300 d/d	2300 Nm @ 900-1300 d/d	2600Nm @ 1000-1300d/d	2600Nm @ 1000-1300d/d	2600Nm @ 1000-1300d/d
Powertrain					
Clutch	430 mm Single Disc	430 mm Single Disc	430 mm Single Disc	430 mm Single Disc	430 mm Single Disc
Transmission / Ratios	Automated: Ecotorq 16S 2600 DD AMT (17,03 - 1,00)	Automated: Ecotorq 16S 2600 DD AMT (17,03 - 1,00)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)	Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)
Forward and Reverse Gear	16 forward + 4 reverse	16 forward + 4 reverse	16 forward + 2 reverse	16 forward + 2 reverse	16 forward + 2 reverse
FDR	2,64	2,64	4,87	4,87	4,87
Axle & Suspension					
Axle Configuration	4x2	4x2	6x4	6x4	6x4
Front Axle	8 T	8 T	8 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	XPT - 330, 16 T
Suspension	Parabolic Front Leaf Spring/ 4 Bellow Rear Air Suspension	Parabolic Front Leaf Spring/ 4 Bellow Rear Air Suspension	Parabolic Front Leaf Spring/ 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 Seperator and Heater	Dual Brake Circuit - Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit – Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit – Air Processing Unit with Integrated Oil Seperator and Heater	Dual Brake Circuit – Air Processing Unit with Integrated Oil Seperator and Heater
Service Brake	Front and Rear Disc Brakes	Front and Rear Disc Brakes	Front and Rear Drum Brakes	Front and Rear Drum Brakes	Front and Rear Drum Brakes
Brakes (Front/Rear) (Ø.mm x mm. Length)	430 x 45 - Disc Brakes	430 x 45 - Disc Brakes	410 X 200, Z-Cam Drum Brake	410 X 200, Z-Cam Drum Brake	410 X 200, Z-Cam Drum Brake
Engine Brake Power	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 160kW	max. 450 kW / continuous 160kW	max. 450 kW / continuous 160kW
Fuel & AdBlue Tank					
Fuel Tank	600L, Right Hand Side, Aluminum	600L, Right Hand Side, Aluminum	400L, Right Hand Side, Aluminum	400L, Right Hand Side, Aluminum	400L, Right Hand Side, Aluminum
SCR Tank	78 L	78 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
5th Wheel					
Brand / Model / Height	SAF Holland / SK-S 36.20 / 185 mm / 1200 mm	SAF Holland / SK-S 36.20 / 185 mm / 1200 mm	JOST / JSK38MC / 190 mm / 1400 mm	JOST / JSK38MC / 190 mm / 1400 mm	JOST / JSK38MC / 190 mm / 1400 mm
Mounting Plate Height	40 mm	40 mm	40 mm	40 mm	40 mm
Tires					
Front Axle	315/70 R 22.5	315/70 R 22.5	315/80 R 22.5	315/80 R 22.5	315/80 R 22.5
Rear Axle	315/70 R 22.5	315/70 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	22.5X9.0 Steel

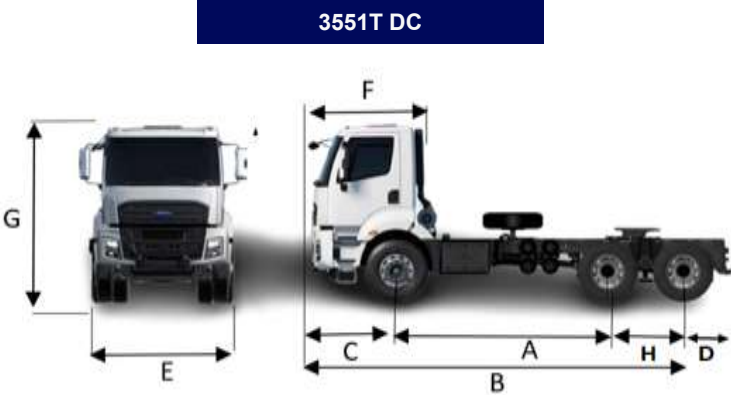
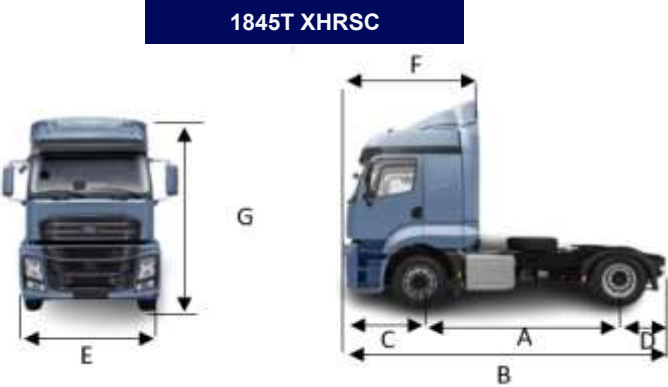
Standard and Optional Features

August 2025

Standard and Optional Features	1845T		3551T		
	Low Roof Sleeper Cab	Extra High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	High Roof Sleeper Cab
Safety & Technology					
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	○	○	○	○	○
Adaptive Cruise Control (ACC) (only with optional tech package)	○	○	-	-	-
Predictive Cruise Control (PCC)	•	•	-	-	-
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	○	○	-	-	-
Wet Type Cab Heater	-	-	○	○	○
Dry Type Cab Heater	•	•	-	•	•
Manual Sunroof	•	-	○	•	•
Electric Sunroof	-	•	-	-	-
Dual Passanger Seat	-	-	○	-	-
Driver Seat Armrests	•	•	○	•	•
Heated and Air Suspension Driver Seat	•	•	•	•	•
Exterior Sunvisor	-	•	-	-	-
Mattress Topper for Lower Bed	○	○	-	○	○
Driver Seatbelt Warning System	•	•	•	•	•
Double Bed	-	○	-	-	○
Single Bed	•	•	-	•	•
Multi-Function Remote Control Key, 2 pieces	•	•	•	•	•

Standard and Optional Features	1845T		3551T		
Exterior	Low Roof Sleeper Cab	Extra High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	High Roof Sleeper Cab
Heated and Electrically Controlled Side Mirrors	●	●	●	●	●
Spoiler & Side Extender	-	●	-	-	○
Side Skirt	○	○	-	-	-
Aluminum Rims (Ford)	○	○	-	-	-
Aluminum Rims (Alcoa)	○	○	-	-	-
Multileaf Spring Rear Mechanical Suspension	○	○	-	-	-
XSS - 470 Rear Axle	○	○	-	-	-
7,5T Front Axle Capacity	○	○	-	-	-
19T GVM	○	○	-	-	-
New Low Rolling Resistance Tires	●	●	-	-	-
450L Aluminum Fuel Tank (Left Side)	○	○	-	-	-
510L (Right Side) + 410L Aluminum Fuel Tank (Left Side)	○	○	○	○	○
600L (Right Side) + 450L Aluminum Fuel Tank (Left Side)	○	○	-	-	-
No Grease 5th Wheel (1100 mm & 1200 mm)	○	○	-	-	-
JOST 5th Wheel	○	○	●	●	●
Hydraulic Cab Tilting	●	●	●	●	●
Electrically Operated Cab Tilting	○	○	○	○	○
HVO Compatability	●	●	●	●	●
Engine PTO (requires retarder for 1845T)	○	○	○	○	○
Flange Type Direct Output PTO	-	-	○	○	○
Pump Type Direct Output PTO	○	○	-	-	-
Flange Type Offset Output PTO	-	-	○	○	○
Pump Type Offset Output PTO	○	○	●	●	●
FL, EX/II & AT Classification ADR Package	○	○	○	○	○
Without Front Spare Tire	○	○	○	○	○
Front Spare Tire / Rim	●	●	●	●	●
LED Headlamps	○	○	○	○	○
Halogen Headlamps	●	●	●	●	●
Rain Sensor & Autolamps	○	○	-	-	-
AGM Battery	○	○	○	○	○
EFB (240 Ah) Battery	●	●	●	●	●
Adjustable Air Compressor	●	●	●	●	●
Smart Tachograph	●	●	●	●	●
Cabin With Air Suspension	○	○	-	-	-
Black Front Grill	●	●	●	●	●
Short Bumper	-	-	●	●	●
Long Bumper	●	●	-	-	-
Eco+Mode	●	●	-	-	-
Cold Pack	○	○	○	○	○
Front Towing Hooks	○	○	●	●	●

● Standard ○ Optional



Dimensions (mm)	1845T		3551T		
	Low Roof Sleeper Cab	Extra High Roof Sleeper Cab	Day Cab	Low Roof Sleeper Cab	High Roof Sleeper Cab
Wheelbase (A)	3600	3600	3800	3800	3800
Overall Length (B)	5914	5914	7495	7495	7495
Front Overhang (C)	1450	1450	1450	1450	1450
Rear Overhang (D)	872	872	905	905	905
Distance Between 1st and 2nd Wheel Centers (A)	3592	3592	3790	3790	3790
Distance Between 2nd and 3th Wheel Centers (H)	-	-	1350	1350	1350
Overall Vehicle Width (Excluding Mirrors) (E)	2540	2540	2540	2540	2540
Overall Cab Length (F)	2254	2254	1777	2260	2310
Total Vehicle Height (G)	3023	3943	3354	3354	3868
Turning Radius	7560	7560	9700	9700	9700
Useful Chassis Length	3394	3394	5140	4755	4755

Tire & FDR	5th Wheel Height	FDR	Rear Tire	Loaded 5th Wheel Height (10 mm Tolerance)	Unloaded 5th Wheel Height (10 mm Tolerance)
1845T	980 mm	2,31 & 2,47	295/60 R22,5	976 mm	999 mm
	1100 mm	2,47 & 2,64	315/70 R22,5	1120 mm	1147 mm
	1150 mm	2,64	295/80 R22,5	1161 mm	1194 mm
	1200 mm	2,64	295/80 R22,5	1161 mm	1225 mm
	1200 mm	2,64	315/70 R22,5	1189 mm	1213 mm
	1200 mm	2,64	315/80 R22,5	1221 mm	1245 mm
	1250 mm	2,64	315/80 R22,5	1286 mm	1310 mm
	1250 mm	2,64	295/80 R22,5	1264 mm	1290 mm
3551T	1350 mm	4,87	315/80 R22,5	-	1380 mm
	1400 mm	4,87	315/80 R22,5	-	1404 mm
	1450 mm	4,87	315/80 R22,5	-	1464 mm

	Weights (kg)	1st Axle	2nd Axle	3rd Axle	Total
1845T (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	12600	-	18000
	Kerb Weight	5443	2566	-	8009
	Payload	2557	10034	-	9991
	Regulatory Permissible Weight	7500	11500	-	18000
1845T (Extra High Roof Sleeper Cab)	Technically Permissible Weight	8000	12600	-	18000
	Kerb Weight	5530	2566	-	8096
	Payload	2470	10034	-	9904
	Regulatory Permissible Weight	7500	11500	-	18000
3551T (Day Cab)	Technically Permissible Weight	8000	13400	13400	32000
	Kerb Weight	5486	2892	2432	10810
	Payload	2514	10508	10968	21190
	Regulatory Permissible Weight	8000	9500	9500	25000
3551T (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	32000
	Kerb Weight	5623	2892	2432	10947
	Payload	2377	10508	10968	21053
	Regulatory Permissible Weight	8000	9500	9500	25000
3551T (High Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	32000
	Kerb Weight	5670	2892	2432	10994
	Payload	2330	10508	10968	21006
	Regulatory Permissible Weight	8000	9500	9500	25000

*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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