



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
<b>Powertrain</b>					
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
<b>Axle &amp; Suspension</b>					
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
<b>Brakes</b>					
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	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 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
<b>Fuel &amp; AdBlue Tank</b>					
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
<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
<b>5th Wheel</b>					
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
<b>Tires</b>					
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

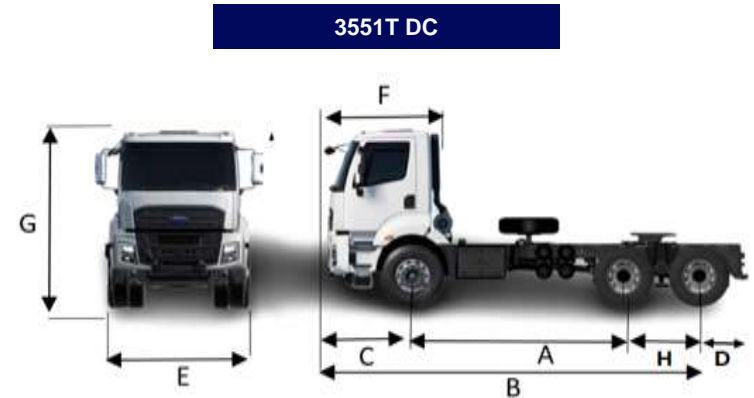
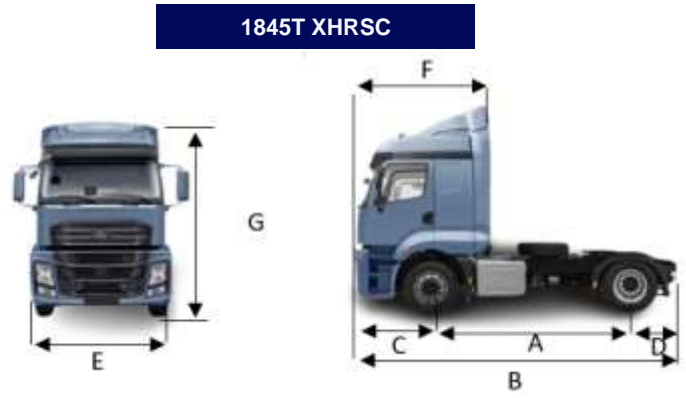
# Standard and Optional Features

February 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
<b>Safety &amp; Technology</b>					
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	•	•	•	•	•
<b>Interior</b>					
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 and Upper Storage Area	-	•	-	-	○
Single Bed (Without Upper Storage Areas)	•	○	-	•	•
Multi-Function Remote Control Key, 2 pieces	•	•	•	•	•

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
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, OX & AT Classification ADR Package	○	○	○	○	○
Without Front Spare Tire	○	○	○	○	○
Front Spare Tire / Rim	●	●	●	●	●
LED Headlamps	○	○	○	○	○
Halogen Headlamps	●	●	●	●	●
Rain Sensor & Autolamps	○	○	-	-	-
225 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)	5973	5973	7495	7495	7495
Front Overhang (C)	1500	1500	1450	1450	1450
Rear Overhang (D)	873	873	895	895	895
Distance Between 1st and 2nd Wheel Centers (A)	3600	3600	3800	3800	3800
Distance Between 2nd and 3rd Wheel Centers (H)	-	-	1350	1350	1350
Overall Vehicle Width (Excluding Mirrors) (E)	2540	2540	2540	2540	2540
Overall Cab Length (F)	2310	2310	1777	2260	2260
Total Vehicle Height (G)	3048	3930	3114	3114	3372
Turning Radius	7590	7590	9700	9700	9700
Useful Chassis Length	3368	3386	5900	5515	5515

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	5354	2526	-	7880
	Payload	2646	10074	-	10120
	Regulatory Permissible Weight	7500	11500	-	18000
1845T (Extra High Roof Sleeper Cab)	Technically Permissible Weight	8000	12600	-	18000
	Kerb Weight	5481	2539	-	8021
	Payload	2519	10061	-	9979
	Regulatory Permissible Weight	7500	11500	-	18000
3551T (Day Cab)	Technically Permissible Weight	8000	13400	13400	32000
	Kerb Weight	5707	2788	2545	11040
	Payload	2293	10612	10855	20960
	Regulatory Permissible Weight	8000	9500	9500	25000
3551T (Low Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	32000
	Kerb Weight	5750	2821	2576	11147
	Payload	2250	10579	10824	20853
	Regulatory Permissible Weight	8000	9500	9500	25000
3551T (High Roof Sleeper Cab)	Technically Permissible Weight	8000	13400	13400	32000
	Kerb Weight	5792	2842	2595	11229
	Payload	2208	10558	10805	20771
	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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