



Technical Features

# F-LINE 4x2 Road Series



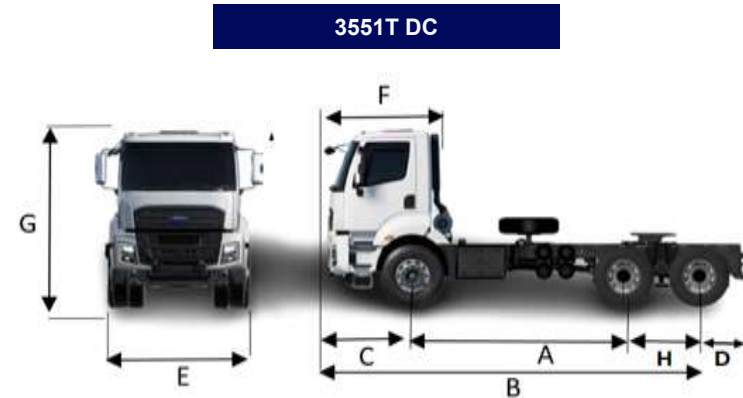
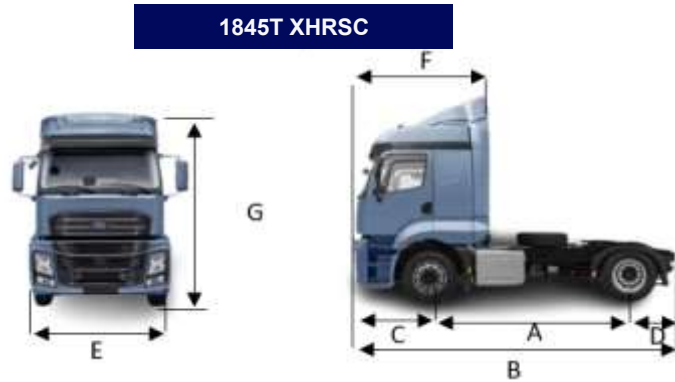
\*The vehicle image may differ from the actual vehicle.

| Technical Features                      | 1845T   |   | 3551T   |   |   |
|---|---|---|---|---|---|
|   | Low Roof Sleeper Cab  | Extra High Roof Sleeper Cab   | Day Cab   | Low Roof Sleeper Cab  | High Roof Sleeper Cab   |
| Engine                                  | GEN2 Ecotorq Euro 6 130 mm x 160 mm   |   |   |   |   |
| 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 rpm   | 450 PS (330 kW ) @ 1800 rpm   | 510PS (375 kW) @1800 rpm  | 510PS (375 kW) @1800 rpm  | 510PS (375 kW) @1800 rpm  |
| Torque                                  | 2300 Nm @ 900-1300 rpm  | 2300 Nm @ 900-1300 rpm  | 2600Nm @ 1000-1300 rpm  | 2600Nm @ 1000-1300 rpm  | 2600Nm @ 1000-1300 rpm  |
| <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  | 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)   | •                    | •                           | -       | -                    | -                     |
| Electro-Hydraulic Steering System (EHPAS)   | -                    | -                           | ○       | ○                    | ○                     |
| Differential 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  | ○                    | ○                           | ○       | ○                    | ○                     |
| 12" Ghost Cluster   | •                    | •                           | •       | •                    | •                     |
| Driver Facing Camera (GSR-C Countries Only)   | •                    | •                           | •       | •                    | •                     |
| 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 Passenger 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   |                      |                       |
|---|----------------------|-----------------------------|---------|----------------------|-----------------------|
|   | 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)  | ○                    | ○                           | ○       | ○                    | ○                     |
| NH4B Offset PTO with Flange (Double gear)   | -                    | -                           | ○       | ○                    | ○                     |
| NH4C Offset PTO without Flange (Double Gear)  | ○                    | ○                           | ●       | ●                    | ●                     |
| Remote Transmission PTO Start-Stop Function   | ●                    | ●                           | ●       | ●                    | ●                     |
| Remote Engine Stop-Start Function   | ●                    | ●                           | ●       | ●                    | ●                     |
| Construction Capacity Increase Package (9 ton front axle, 385/65 R 22.5 front tires, Electro-Hydraulic Steering Wheel -EHPAS, 22.5X11.75 Steel) | -                    | -                           | ○       | ○                    | ○                     |
| FL, EX/II & AT Classification ADR Package   | ○                    | ○                           | ○       | ○                    | ○                     |
| Without Front Spare Tire  | ○                    | ○                           | ○       | ○                    | ○                     |
| Front Spare Tire / Rim  | ●                    | ●                           | ●       | ●                    | ●                     |
| LED Headlamps   | ○                    | ○                           | ○       | ○                    | ○                     |
| Tail (Rear Stop) Lamp   | ●                    | ●                           | ●       | ●                    | ●                     |
| 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   | ●                    | ●                           | -       | -                    | -                     |
| Body Color Bumper   | ●                    | ●                           | ●       | ●                    | ●                     |
| Eco+Mode  | ●                    | ●                           | -       | -                    | -                     |
| Cold Pack   | ○                    | ○                           | ○       | ○                    | ○                     |
| Front Towing Hooks  | ○                    | ○                           | ●       | ●                    | ●                     |
| Double 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 3rd 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<br>(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<br>(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<br>(Day Cab)                     | Technically Permissible Weight | 8000     | 13400    | 13400    | 32000 |
|  | Kerb Weight                    | 5445     | 2860     | 2412     | 10717 |
|  | Payload                        | 2555     | 10540    | 10988    | 21283 |
|  | Regulatory Permissible Weight  | 8000     | 9500     | 9500     | 25000 |
| 3551T<br>(Low Roof Sleeper Cab)        | Technically Permissible Weight | 8000     | 13400    | 13400    | 32000 |
|  | Kerb Weight                    | 5582     | 2860     | 2412     | 10854 |
|  | Payload                        | 2418     | 10540    | 10988    | 21146 |
|  | Regulatory Permissible Weight  | 8000     | 9500     | 9500     | 25000 |
| 3551T<br>(High Roof Sleeper Cab)       | Technically Permissible Weight | 8000     | 13400    | 13400    | 32000 |
|  | Kerb Weight                    | 5629     | 2860     | 2412     | 10901 |
|  | Payload                        | 2371     | 10540    | 10988    | 21099 |
|  | 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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