



TECHNICAL FEATURES

# F - M A X

SERIES



TRUCKS

Sharing the load

| Technical Features                      |   | F-MAX   | F-MAX L   | F-MAX LL  |
|---|---|---|---|---|
| <b>Engine</b>                           |   |   |   |   |
| 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   |
| Displacement (cc)                       | 12.740 cm3  | 12.740 cm3  | 12.740 cm3  | 12.740 cm3  |
| Power PS (kW)                           | 510PS (375 kW) @1800d/d   |
| Torque                                  | 2600Nm @1000-1300d/d  | 2600Nm @1000-1300d/d  | 2600Nm @1000-1300d/d  | 2600Nm @1000-1300d/d  |
| <b>Powertrain</b>                       |   |   |   |   |
| Clutch                                  | 430 mm Single Disc  |
| Transmission / Ratios                   | 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)                                   | Automated: Ecotorq 16S 2600 OD (14,107 - 0,823)                                   |
| Forward and Reverse Gear                | 16 forward + 4 reverse  |
| FDR                                     | 2,31  | 2,31  | 2,31  | 2,17  |
| <b>Axle &amp; Suspension</b>            |   |   |   |   |
| Axle Configuration                      | 4x2   | 4x2   | 4x2   | 4x2   |
| Front Axle                              | 8 T   | 8 T   | 8 T   | 7,5 T   |
| Rear Axle                               | XSS - 470, 11.5 T   |
| Suspension                              | Parabolic Front Leaf Spring/ 2 Bellow Rear Air Suspension                         | Parabolic Front Leaf Spring/ 2 Bellow Rear Air Suspension                         | Parabolic Front Leaf Spring/ 2 Bellow Rear Air Suspension                         | 2 Bellow Front Air Suspension/ 4 Bellow Rear Air Suspension                       |
| <b>Brakes</b>                           |   |   |   |   |
| 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 |
| Service Brake                           | Front and Rear Disc Brakes  |
| Brakes (Front/Rear) (Ø.mm x mm. Length) | 430 x 45 - Disc Brake   |
| Engine Brake Power                      | max. 320 kW (Engine Level)  |
| Hydraulic Retarder                      | max. 450 kW / continuous 160 kW   |
| <b>Drivers Cab</b>                      |   |   |   |   |
| Cabin Type                              | Extra High Roof Sleeper Cab   |
| <b>Fuel &amp; AdBlue Tank</b>           |   |   |   |   |
| Fuel Tank                               | 450L, Left Hand Side, Aluminum,<br>600L, Right Hand Side, Aluminum                | 600L, Left Hand Side, Aluminum,<br>750L, Right Hand Side, Aluminum                | 600L, Left Hand Side, Aluminum,<br>750L, Right Hand Side, Aluminum                | 410L, Left Hand Side, Aluminum,<br>510L, Right Hand Side, Aluminum                |
| SCR Tank                                | 78 L  | 78 L  | 78 L  | 55 L  |
| <b>Chassis</b>                          |   |   |   |   |
| Thickness and Material                  | U Profile, High Strength, 8 mm Thickness, S500 MC Material                        | U Profile, High Strength, 8 mm Thickness, S500 MC Material                        | U Profile, High Strength, 8 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 / 150 mm / 1100 mm                                       | SAF Holland / SK-S 36.20 / 150 mm / 1100 mm                                       | SAF Holland / SK-S 36.20 / 150 mm / 1100 mm                                       | SAF Holland / SK-S 36.20 / 128 mm / 980 mm  |
| Mounting Plate Height                   | 12 mm   | 12 mm   | 12 mm   | 12 mm   |
| <b>Tires</b>                            |   |   |   |   |
| Front Axle                              | 315/70 R 22,5   | 315/70 R 22,5   | 315/70 R 22,5   | 315/60 R 22,5   |
| Rear Axle                               | 315/70 R 22,5   | 315/70 R 22,5   | 315/70 R 22,5   | 295/60 R 22,5   |
| Rims                                    | 22.5X9.0 Steel  | 22.5X9.0 Steel  | 22.5X9.0 Steel  | 22.5X9.0 Steel  |

| Standard and Optional Features   | F-MAX | F-MAX L | F-MAX LL |
|--|-------|---------|----------|
| <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)  | ○     | ○       | ○        |
| Lane Keeping Aid (LKA)   | ○     | ○       | ○        |
| Electronic Brake System with ABS & ATC (EBS)   | •     | •       | •        |
| Electro-Hydraulic Steering System (EHPAS)  | •     | •       | •        |
| Retarder   | ○     | ○       | ○        |
| Differential Lock  | •     | •       | •        |
| Predictive Cruise Control (PCC)  | •     | •       | •        |
| <b>Interior</b>  |       |         |          |
| Multimedia System with 12.4" Touch Screen (DAB Radio, Bluetooth, USB (A Type - C Type), Apple CarPlay, Android Auto, Remote Control) | •     | •       | •        |
| Navigation   | •     | •       | •        |
| 12" Ghost Cluster  | •     | •       | •        |
| Improved Sound and Heat Insulation   | •     | •       | •        |
| Air Conditioning   | •     | •       | •        |
| Dry & Wet Type Cab Heater  | ○     | ○       | ○        |
| Dry Type Cab Heater  | •     | •       | •        |
| Electric Sunroof   | •     | •       | •        |
| Air Passenger Seat with Double Armrests  | ○     | ○       | ○        |
| Heated and Air Suspension Driver Seat  | •     | •       | •        |
| Refrigerator (38 L)  | •     | •       | •        |
| Exterior Sunvisor  | ○     | ○       | ○        |
| Axle Load Measurement Device   | •     | •       | •        |
| 24 V / 130A Electric Socket  | •     | •       | •        |
| Adjustable New Color Ambiance Lighting   | ○     | ○       | ○        |
| Driver Seatbelt Warning System   | •     | •       | •        |
| Upper Storage Area   | •     | •       | •        |

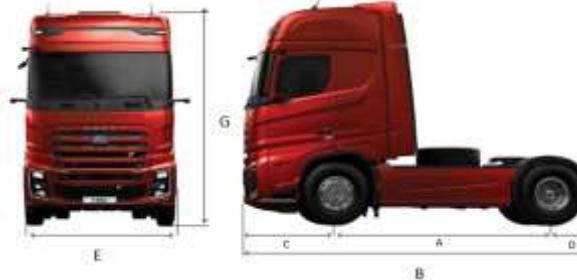
| Standard and Optional Features   | F-MAX | F-MAX L | F-MAX LL |
|--|-------|---------|----------|
| <b>Interior</b>  |       |         |          |
| Double Bed   | ○     | ○       | ○        |
| Single Bed   | ●     | ●       | ●        |
| 7" Touch Screen Bed Side Control System & Type-C   | ●     | ●       | ●        |
| Wireless Charger   | ○     | ○       | ○        |
| Electronic Park Brake  | ●     | ●       | ●        |
| Autohold   | ●     | ●       | ●        |
| Black Alcantara Seat Fabric  | ●     | ●       | ●        |
| Dark Interior Design   | ○     | ○       | ○        |
| Dark Floor   | ●     | ●       | ●        |
| Max lock   | ○     | ○       | ○        |
| Interior Lighting with Reading and Night Light Functions   | ●     | ●       | ●        |
| Multi-Function Remote Control Key, 2 pieces  | ●     | ●       | ●        |
| Keyless Start  | ●     | ●       | ●        |
| <b>Exterior</b>  |       |         |          |
| Heated and Electrically Controlled Side Mirrors  | ●     | ●       | ●        |
| Spoiler & Side Extender  | ●     | ●       | ●        |
| Side Skirt   | ○     | -       | -        |
| 78L SCR Tank   | ●     | ●       | -        |
| 55L SCR Tank   | ○     | -       | ●        |
| JOST 5th Wheel   | ○     | ○       | -        |
| 280L Aluminum Fuel Tank (Right Side)   | ○     | -       | -        |
| 600L Aluminum Fuel Tank (Right Side)   | ○     | -       | -        |
| 400L Aluminum Fuel Tank (Right Side)   | ○     | -       | -        |
| 450L Aluminum Fuel Tank (Left Side)  | ○     | ○       | -        |
| 750L Aluminum Fuel Tank (Right Side)   | -     | ○       | -        |
| 750L (Right Side) + 450L Aluminum Fuel Tank (Left Side)  | -     | ○       | -        |
| 600L (Right Side) + 450L Aluminum Fuel Tank (Left Side)  | ●     | ○       | -        |
| 750L (Right Side) + 600L Aluminum Fuel Tank (Left Side)  | -     | ●       | -        |
| 510L (Right Side) + 410L Aluminum Fuel Tank (Left Side)  | -     | -       | ●        |
| Electrically Operated Cab Tilting  | ●     | ●       | ●        |
| Air Horn   | ○     | ○       | ○        |
| XSS - 510 Rear Axle (Tech Capacity: 13,5T)   | ○     | ○       | -        |
| 7,5T Front Axle Capacity   | ○     | ○       | ●        |
| 19T GVM  | ○     | ○       | ○        |
| Engine PTO   | ○     | ○       | -        |
| Pump Type Direct Output PTO  | ○     | ○       | -        |
| Pump Type Offset Output PTO  | ○     | ○       | -        |
| Flange Type Offset Output PTO  | ○     | -       | -        |
| Twin PTO (High Ratio)  | ○     | ○       | ○        |
| FL, EX/II & AT Classification ADR Package  | ○     | ○       | ○        |
| Luxury Package (Black LED Headlamp, Heated & Air Suspension Passenger Seat, Dark Interior Design, Air Horn, Ambience Lights, Wireless Charging, Mattress Topper For Lower Bed Nightlock) | ○     | ○       | ○        |
| Aluminum Rims (Ford)   | ○     | ○       | ○        |
| Aluminum Rims (Alcoa)  | ○     | ○       | ○        |

| Standard and Optional Features  | F-MAX | F-MAX L | F-MAX LL |
|---|-------|---------|----------|
| <b>Exterior</b>   |       |         |          |
| Without Front Spare Tire  | •     | •       | •        |
| Front Spare Tire / Rim  | ○     | ○       | ○        |
| LED Projector Headlamps   | ○     | ○       | ○        |
| Halogen Headlamps   | •     | •       | •        |
| LED Rear Stop Lamps   | •     | •       | •        |
| Rain Sensor & Autolamps   | •     | •       | •        |
| AGM Battery   | •     | •       | •        |
| Plateless 5th Wheel (for 1050 mm and 1100 mm JOST & C4AS)   | ○     | -       | -        |
| No Grease 5th Wheel (1100 mm & 1200 mm)   | ○     | ○       | -        |
| New Low Rolling Resistance Tires  | •     | •       | •        |
| 385/55 R22.5 Front Tire (With 315/70 R 22.5 Rear Tire)  | ○     | ○       | -        |
| 385/65 R22.5 Front Tire (With 315/80 R 22.5 Rear Tire)  | ○     | ○       | -        |
| 355/50 R22.5 Front Tire (With 295/60 R 22.5 Rear Tire)  | -     | -       | ○        |
| 355/50 R22.5 Front Tire (With 315/60 R 22.5 Rear Tire)  | ○     | ○       | -        |
| 4 Bellows Rear Air Suspension (C4AS)  | ○     | ○       | •        |
| Front Air Suspension  | ○     | ○       | •        |
| Adjustable Air Compressor   | •     | •       | •        |
| Caliper with Pad Return Spring  | •     | •       | •        |
| Side Extender Sealings & Wheel Arch Capping & Winglet & Door Bumper Sealer & Speed Lip & A-Pillar Deflector | •     | •       | •        |
| Active Grill Shutter  | •     | •       | •        |
| HVO Compatability   | •     | •       | •        |
| Digital Mirror System (Base Pack) *   | ○     | ○       | ○        |
| Digital Mirror System (Premium Pack) **   | ○     | ○       | ○        |
| Smart Tachograph  | •     | •       | •        |
| Cabin With Air Suspension   | •     | •       | •        |
| Body Color Front Grill  | •     | •       | •        |
| Mattress Topper for Lower Bed   | ○     | ○       | ○        |
| Long Bumper   | •     | •       | •        |
| Eco+Mode  | •     | •       | •        |
| Toll Collect Infrastructure   | •     | •       | •        |
| Cold Pack (Heated Windscreen, Extra Cabin Isolation, 225 Ah Batteries)                                      | ○     | ○       | ○        |
| Dual Color  | ○     | ○       | ○        |
| Front Towing Hooks  | ○     | ○       | ○        |
| LED Working Lamp  | •     | •       | •        |
| Steel air tank  | •     | •       | •        |

• Standard ○ Optional

\* Not available with ADR package

\*\* Not available with exterior sunvisor



| Dimensions (mm)                               | F-MAX | F-MAX L | F-MAX LL |
|---|-------|---------|----------|
| Wheelbase (A)                                 | 3600  | 3750    | 3600     |
| Overall Length (B)                            | 5877  | 6162    | 5907     |
| Front Overhang (C)                            | 1420  | 1450    | 1443     |
| Rear Overhang (D)                             | 857   | 962     | 873      |
| Overall Vehicle Width (Excluding Mirrors) (E) | 2540  | 2540    | 2540     |
| Overall Cab Length (F)                        | 2350  | 2350    | 2350     |
| Total Vehicle Height (G)                      | 3962  | 3919    | 3950     |
| Turning Radius                                | 7590  | 7810    | 7590     |
| Useful Chassis Length                         | 3150  | 3243    | 3135     |

| Tire & FDR | 5th Wheel Height | FDR         | Rear Tire    | Loaded 5th Wheel Height (10 mm Tolerance) | Unloaded 5th Wheel Height (10 mm Tolerance) |
|------------|------------------|-------------|--------------|---|---|
| F-MAX      | 1050 mm          | 2,47        | 315/60 R22,5 | 1075 mm                                   | 1098 mm                                     |
|            | 1100 mm          | 2,31 & 2,47 | 315/70 R22,5 | 1120 mm                                   | 1147 mm                                     |
|            | 1150 mm          | 2,47        | 295/80 R22,5 | 1161 mm                                   | 1194 mm                                     |
|            | 1200 mm          | 2,47        | 295/80 R22,5 | 1192 mm                                   | 1225 mm                                     |
|            | 1200 mm          | 2,47        | 315/80 R22,5 | 1221 mm                                   | 1245 mm                                     |
|            | 1250 mm          | 2,47        | 295/80 R22,5 | 1264 mm                                   | 1290 mm                                     |
|            | 1250 mm          | 2,47        | 315/80 R22,5 | 1286 mm                                   | 1310 mm                                     |
| F-MAX L    | 1050 mm          | 2,47        | 315/60 R22,5 | 1075 mm                                   | 1098 mm                                     |
|            | 1100 mm          | 2,31 & 2,47 | 315/70 R22,5 | 1120 mm                                   | 1147 mm                                     |
|            | 1150 mm          | 2,31 & 2,47 | 315/70 R22,5 | 1152 mm                                   | 1179 mm                                     |
|            | 1200 mm          | 2,31 & 2,47 | 315/70 R22,5 | 1183 mm                                   | 1210 mm                                     |
|            | 1250 mm          | 2,47        | 315/80 R22,5 | 1286 mm                                   | 1310 mm                                     |
| F-MAX LL   | 980 mm           | 2,17 & 2,31 | 295/60 R22,5 | 976 mm                                    | 999 mm                                      |

|          | Weights (kg)                   | 1st Axle | 2nd Axle | Total |
|----------|--------------------------------|----------|----------|-------|
| F-MAX    | Technically Permissible Weight | 8000     | 12000    | 18000 |
|          | Kerb Weight**                  | 5892     | 2420     | 8412  |
|          | Payload**                      | 2108     | 9580     | 9588  |
|          | Regulatory Permissible Weight  | 8000     | 11500    | 18000 |
| F-MAX L  | Technically Permissible Weight | 8000     | 12000    | 19000 |
|          | Kerb Weight                    | 6041     | 2693     | 8734  |
|          | Payload                        | 1959     | 9307     | 10266 |
|          | Regulatory Permissible Weight  | 8000     | 11500    | 18000 |
| F-MAX LL | Technically Permissible Weight | 7500     | 11650    | 18000 |
|          | Kerb Weight                    | 5806     | 2465     | 8271  |
|          | Payload                        | 1694     | 9185     | 9729  |
|          | Regulatory Permissible Weight  | 7500     | 11500    | 18000 |

\*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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