**Ford S-MAX HYBRID and GALAXY HYBRID Specifications**

**FUEL CONSUMPTION and Economy**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S-MAX**  **Hybrid** |  |  | **CO2 (g/km NEDC)** | **Fuel consumption (l/100 km NEDC)** | | | **Fuel consumption (l/100 km WLTP)** | **CO2 (g/km WLTP)** |
|  | **Power PS** | **Wheel size inch** | **Combined** | **Urban** | **Extra Urban** | **Combined** | **Overall** | **Overall** |
| 2.5-litre petrol-electric hybrid auto | 190 | 17 | 128 | 6.3 | 5.2 | 5.6 | 6.4 | 146 |
| 18 | 129 | 6.3 | 5.2 | 5.6 | 6.4 | 147 |
| 19 | 129 | 6.3 | 5.2 | 5.6 | 6.4 | 147 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Galaxy**  **Hybrid** |  |  | **CO2 (g/km NEDC)** | **Fuel consumption (l/100 km NEDC)** | | | **Fuel consumption (l/100 km WLTP)** | **CO2 (g/km WLTP)** |
|  | **Power PS** | **Wheel size inch** | **Combined** | **Urban** | **Extra Urban** | **Combined** | **Overall** | **Overall** |
| 2.5-litre petrol-electric hybrid auto | 190 | 17 | 134 | 6.5 | 5.5 | 5.8 | 6.4 | 148 |
| 18 | 135 | 6.6 | 5.5 | 5.9 | 6.5 | 149 |
| 19 | 135 | 6.6 | 5.5 | 5.9 | 6.5 | 149 |

**PERFORMANCE**

|  |  |  |  |
| --- | --- | --- | --- |
| **S-MAX Hybrid** | **Max speed km/h (mph)** | **0-100 km/h sec** | **50-100 km/h sec** |
| 2.5-litre petrol-electric hybrid auto | 185 (115) | 9.8 | 5.9 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Galaxy Hybrid** | **Max speed km/h (mph)** | **0-100 km/h sec** | **50-100 km/h sec** |
| 2.5-litre petrol-electric hybrid auto | 185 (115) | 10.0 | 6.0 |

**WEIGHTS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Kerb weight (kg)1** | **Gross Vehicle Mass (kg)** | **Gross Train Mass  (kg)** | **Max. Towable Mass (braked) (kg)2** | **Max. Towable Mass (unbraked) (kg)** | **Max. Roof Load**  **(kg)** |
| S-MAX Hybrid 5-seater | 1902 | 2350 | 4100 | 1750 | 750 | 75 |
| S-MAX Hybrid 7-seater | 1947 | 2545 | 4105 | 1560 | 750 | 75 |
| Galaxy Hybrid | 1978 | 2595 | 4105 | 1510 | 750 | 75 |

1 Represents the lightest kerbweight assuming driver at 75 kg, full fluid levels and 90 per cent fuel levels, subject to manufacturing tolerances and options, etc., fitted. Weights represent base model specification without panoramic glass roof.

2 Towing limits quoted represent the maximum towing ability of the vehicle at its Gross Vehicle Mass to restart on a 12 per cent gradient at sea level. The performance and economy of all models will be reduced when used for towing. Gross Train Mass includes trailer weight.

**DIMENSIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **S-MAX Hybrid 5‑seater** | **S-MAX Hybrid 7‑seater** | **Galaxy Hybrid** |
| Overall length | **mm** | 4804 | 4804 | 4853 |
| Overall length with tow bar | **mm** | 4908 | 4908 | 4958 |
| Overall width with mirrors | **mm** | 2137 | 2137 | 2137 |
| Overall width without mirrors | **mm** | 1916 | 1916 | 1916 |
| Overall width with mirrors folded | **mm** | 1953 | 1953 | 1953 |
| Overall height with Shark Fin Antenna 4 | **mm** | 1684-1710 | 1684-1710 | 1770-1811 |
| Wheelbase | **mm** | 2850 | 2850 | 2850 |
| Track front | **mm** | 1606 | 1606 | 1606 |
| Track rear | **mm** | 1606 | 1606 | 1606 |
| Minimum running ground clearance – kerb 4 | **mm** | 141 | 140 | 142-143 |
| Ground clearance at maximum load 4 | **mm** | 125 | 122 | 119-120 |
| **Interior First Row** |  |  |  |  |
| Head room without sunroof | **mm** | 1022 | 1022 | 1068 |
| Head room with sunroof | **mm** | 996 | 996 | 1019 |
| Maximum leg room | **mm** | 1081 | 1081 | 1081 |
| Shoulder room | **mm** | 1531 | 1531 | 1531 |
| Hip room | **mm** | 1431 | 1431 | 1431 |
| **Interior Second Row** |  |  |  |  |
| Head room without sunroof | **mm** | 971 | 971 | 1026 |
| Head room with sunroof | **mm** | 953 | 953 | 990 |
| Leg room | **mm** | 1046 | 991 | 991 |
| Shoulder room | **mm** | 1535 | 1535 | 1535 |
| Hip room | **mm** | 1470 | 1451 | 1451 |
| **Interior Third Row** |  |  |  |  |
| Head room | **mm** | N/A | 943 | 985 |
| Leg room | **mm** | N/A | 716 | 867 |
| Shoulder room | **mm** | N/A | 1386 | 1359 |
| Hip room | **mm** | N/A | 1047 | 1148 |
| **Cargo Compartment** |  |  |  |  |
| Liftover height at curb | **mm** | 631 | 671 | 671 |
| Cargo height at rear wheel centerline | **mm** | 999 | 867 | 982 |
| Load opening height at vehicle centerline | **mm** | 865 | 822 | 932 |
| Loading length at floor to first row | **mm** | 1988 | 2004 | 2065 |
| Loading length at floor to second row | **mm** | 1187 | 1193 | 1253 |
| Loading length at floor to third row | **mm** | N/A | 401 | 397 |
| Load width between wheel arches | **mm** | 1044 | 1145 | 1145 |
| Load opening width at floor | **mm** | 1165 | 1189 | 1191 |
| **Luggage capacity** 5 |  |  |  |  |
| Cargo volume behind first row 2-seat mode; laden to roof | **litres** | 2200 | 2020 | 2339 |
| Cargo volume behind second row 5-seat mode; laden to roof (seat fully forward) | **litres** | 1035 | 965 | 1206 (1301) |
| Cargo volume behind third row 7-seat mode; laden to roof | **litres** | N/A | 285 | 300 |
| Closed cargo compartment second row 5-seat mode; under cargo shade) | **litres** | 700 | N/A | N/A |
| Cargo volume behind third row 7-seat mode; under cargo shade (seat fully forward) | **litres** | N/A | 185 | 200 (250) |

4 Dimensions may vary dependent on the model and equipment fitted.

5 Cargo and load capacity limited by weight and weight distribution.

**DRIVER ASSISTANCE TECHNOLOGIES** 6/7

|  |
| --- |
| Adaptive Cruise Control with Stop & Go |
| Adaptive Front Lighting System |
| Auto high beam |
| Auto lighting |
| Blind Spot Information System (BLIS) |
| Cross Traffic Alert |
| Driver Alert |
| Emergency Brake Assist |
| Enhanced Active Park Assist (parallel and perpendicular functionality) |
| Front and rear parking sensors |
| Front wide-view camera |
| Glare-free high beam |
| Hill Start Assist |
| Intelligent Speed Limiter |
| Lane Keeping System (including Lane Keeping Aid, Lane Keeping Alert) |
| Local Hazard Information 8 |
| Pre-Collision Assist with Pedestrian and Cyclist Detection |
| Rain-sensing wipers |
| Rear-view camera |
| Traffic Sign Recognition |
| Trailer Sway Control |

**COMFORT AND CONVENIENCE** 6

|  |
| --- |
| 10.1-inch TFT instrument cluster |
| 18-way adjustable ergonomic front seats |
| Climate-controlled, 10-way adjustable multi-contour front seats with massage function |
| Easy Fold seats (Power Raise 3rd row for Galaxy Hybrid) |
| FordPass Connect modem 8 |
| Hands-free tailgate |
| Heated steering wheel |
| Panorama glass roof (openable Galaxy, fixed S-MAX) |
| Quickclear heated windscreen |
| SYNC 3 with 8-inch touchscreen |

6 Feature availability dependent on vehicle specification.

7 Driver-assist features are supplemental to and do not replace the driver's attention, judgment and the need to control the vehicle.

8 Requires feature activation.

**STEERING**

|  |  |  |
| --- | --- | --- |
| System | Rack-mounted electric power-assisted steering system, rack and pinion, manually adjustable steering column. | |
| Turning circle (m)  kerb-to-kerb | **S-MAX Hybrid** | **Galaxy Hybrid** |
| 11.95 | 11.65 |

**CHASSIS**

|  |  |
| --- | --- |
| Front suspension | Independent MacPherson strut front suspension with stabiliser bar. |
| Rear suspension | Independent integral link with rear stabiliser bar. |

**BRAKES**

|  |  |  |
| --- | --- | --- |
|  | **Front** | **Rear** |
| Disc dimensions (mm) | 316 x 28 | 316 x 11 |
| Disc type | Cast iron vented | Cast iron solid |
| Calliper piston No. and dimensions (mm) | 1 x 60 | 1 x 38 |
| Calliper type | Floating cast iron | Floating cast iron |
| Parking brake type | Electric | |

**WHEELS & TYRES**

|  |
| --- |
| 7.5 x 17-inch with 235/55 R17 |
| 7.5 x 18-inch with 235/50 R18 |
| 8 x 19-inch with 245/45 R19 |

**HYBRID ENGINE**

|  |  |  |
| --- | --- | --- |
|  |  | **2.5-litre Petrol Hybrid (190 PS)** |
| Type |  | Atkinson Cycle port fuel injection engine |
| Motor |  | Permanent magnet 3-phase AC synchronous traction motor, liquid cooled |
| Max power (petrol engine and electric motor combined) | PS (kW) | 190 (140) |
|  | at rpm | 5500 |
| Max torque (petrol engine and electric motor combined) | Nm | 200 |
|  | at rpm | N/A |
| Battery |  | Lithium-ion, 60-cell |
| High-voltage cooling system |  | Liquid-cooled |
| Battery capacity | kWh | 1.1 kWh |
| Transmission |  | Ford-developed power-split automatic with continuously variable ratio |
| Gear ratio |  | 2.91 FDR |
| Fuel tank | litres | 65 |
| Displacement | cm3 | 2488 |
| Bore | mm | 89.0 |
| Stroke | mm | 100.0 |
| Compression ratio |  | 13.0:1 |
| Valve gear |  | DOHC with 4 valves per cylinder,  variable cam timing |
| Cylinders |  | 4 inline |
| Cylinder head |  | Aluminium |
| Cylinder block |  | Aluminium |
| Camshaft drive |  | Chain-in-oil with dynamic tensioner |
| Crankshaft |  | Forged steel, 8 counter-weights, 5 main bearings |
| Engine management |  | Bosch MED17 with CAN-Bus and individual cylinder knock control. Bosch software |
| Fuel injection |  | Multi-port fuel injection |
| Emission level |  | Euro 6d |
| Lubrication system |  | Electronically controlled variable displacement oil pump |
| Engine cooling system |  | Liquid cooled, separate from high-voltage cooling/heating system |

### DRIVE LINE

|  |  |
| --- | --- |
| **Drive options:** | **FWD:** Front-wheel drive |

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Note: The data information in this press release reflects preliminary specifications and was correct at the time of going to print. However, Ford policy is one of continuous product improvement. The right is reserved to change these details at any time.

CO2-emission and fuel efficiency figures with standard equipment tyre specification.

The declared fuel/energy consumptions, CO2-emissions and electric range are determined according to the technical requirements and specifications of the European Regulations (EC) 715/2007 and (EU) 2017/1151 as last amended. The applied standard test procedures enable comparison between different vehicle types and different manufacturers.

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