**Ford KUGA Specifications, Netherlands**

**FUEL CONSUMPTION and Economy**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Petrol engines** |  |  | **CO2 from(g/km NEDC)** | **Fuel consumption from (l/100 km NEDC)** | | | **Fuel consumption from (l/100 km WLTP)** | **CO2 from (g/km WLTP)** |
|  | **Power PS** | **Wheel size inch** | **Combined** | **Urban** | **Extra Urban** | **Combined** | **Overall** | **Overall** |
| 1.5-litre EcoBoost 6-speed manual | 120 | 17 | 127 | 6.8 | 4.9 | 5.6 | 6.7 | 152 |
| 18 | 130 | 6.9 | 5.1 | 5.8 | 6.8 | 156 |
| 19 | 130 | 6.9 | 5.1 | 5.8 | 6.9 | 156 |
| 1.5-litre EcoBoost 6-speed manual | 150 | 17 | 125 | 6.5 | 4.9 | 5.5 | 6.6 | 150 |
| 18 | 129 | 6.7 | 5.1 | 5.7 | 6.8 | 154 |
| 19 | 129 | 6.7 | 5.1 | 5.7 | 6.8 | 155 |
| 20 | 129 | 6.7 | 5.1 | 5.7 | 6.8 | 155 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Hybrid**  **engines** |  |  | **CO2 from(g/km NEDC)** | **Fuel consumption from (l/100 km NEDC)** | | | | **Fuel consumption from (l/100 km WLTP)** | **CO2 from (g/km WLTP)** |
|  | **Power PS** | **Wheel size inch** | **Combined** | **Urban** | **Extra Urban** | **Combined** | | **Overall** | **Overall** |
| 2.5-litre Petrol Plug-In Hybrid | 225 | 18 | 26 | N/A | N/A | 1.2 | | 1.4 | 32 |
| 19 | 26 | N/A | N/A | 1.2 | | 1.4 | 32 |
| 20 | 26 | N/A | N/A | 1.2 | | 1.4 | 32 |
| Electric range NEDC | | | | | 72 km (44.7 miles) | | |
| Equivalent all-electric range overall WLTP | | | | | 56 km (34.8 miles) | | |
| Equivalent all-electric range city WLTP | | | | | 68 km (42.2 miles) | | |

**PERFORMANCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Petrol engines** | **Power PS** | **Max speed km/h (mph)** | **0-100 km/h sec** | **50-100 km/h sec1** |
| 1.5-litre EcoBoost 6-speed manual | 120 | 184 (114) | 11.6 | 9.5 |
| 1.5-litre EcoBoost 6-speed manual | 150 | 195 (121) | 9.7 | 9.5 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Hybrid engines** | **Power PS** | **Max speed km/h** | **0-100 km/h sec** | **50-100 km/h sec1** |
| 2.5-litre Petrol Plug-In Hybrid | 225 | 200 (124) | 9.2 | N/A |

1 In 4th gear

**WEIGHTS**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Kerb weight (kg)2** | **Gross Vehicle Mass (kg)** | **Gross Train Mass  (kg)** | **Max. Towable Mass (braked) (kg)** | **Max. Towable Mass (unbraked) (kg)** | **Max. Roof Load**  **(kg)** |
| 1.5-litre EcoBoost (120 PS) 6-speed manual FWD | 1564 | 2075 | 3675 | 1600 | 750 | 75 |
| 1.5-litre EcoBoost (150 PS) 6-speed manual FWD | 1564 | 2075 | 3875 | 1800 | 750 | 75 |
| 2.5-litre Petrol Plug-In Hybrid (225 PS) | 1844 | 2320 | 3520 | 1200 | 750 | 75 |

**2** 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.

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.

**DIMENSIONS3**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Kuga Trend and Titanium** | **Kuga Vignale** | **Kuga ST-Line** | **Kuga Plug-In Hybrid (Trend and Titanium)** |
| Overall length | **mm** | 4614 | 4629 | 4626 | 4614 |
| Overall width with mirrors | **mm** | 2178 | 2178 | 2178 | 2178 |
| Overall width without mirrors | **mm** | 1883 | 1883 | 1883 | 1883 |
| Overall width with mirrors folded | **mm** | 2000 | 2000 | 2000 | 2000 |
| Overall height with roof rails | **mm** | 1678 | 1680 | 1666 | 1675 |
| Wheelbase | **mm** | 2710 | 2710 | 2710 | 2710 |
| Track front | **mm** | 1597 | 1597 | 1599 | 1597 |
| Track rear | **mm** | 1588 | 1588 | 1590 | 1588 |
| Approach angle | **deg** | 19.1 | 19.3 | 18.0 | 18.8 |
| Departure angle | **deg** | 23.6 | 23.5 | 22.6 | 24.4 |
| Minimum running ground clearance - kerb | **mm** | 191 | 190 | 178 | 160 |
| Ground clearance at maximum load | **mm** | 146 | 148 | 137 | 139 |
| **Interior First Row** |  |  |  |  |  |
| Headroom without sunroof | **mm** | 1017 | 1017 | 1017 | 1017 |
| Headroom with sunroof | **mm** | 985 | 985 | 985 | 985 |
| Legroom | **mm** | 1077 | 1077 | 1077 | 1077 |
| Shoulder room | **mm** | 1464 | 1464 | 1464 | 1464 |
| Hip room | **mm** | 1410 | 1410 | 1410 | 1410 |
| **Interior Second Row** |  |  |  |  |  |
| Headroom without sunroof | **mm** | 999 | 999 | 999 | 999 |
| Headroom with sunroof | **mm** | 981 | 981 | 981 | 981 |
| Minimum leg room | **mm** | 986 | 986 | 986 | 942 |
| Maximum leg room | **mm** | 1035 | 1035 | 1035 | 989 |
| Shoulder room | **mm** | 1423 | 1423 | 1423 | 1423 |
| Hip room | **mm** | 1355 | 1355 | 1355 | 1355 |
| Cargo Compartment |  |  |  |  |  |
| Lift in height | **mm** | 715 | 713 | 702 | 712 |
| Cargo height | **mm** | 885 | 855 | 855 | 833 |
| Rear opening height | **mm** | 773 | 773 | 773 | 773 |
| Loading length at floor to first row | **mm** | 1739 | 1739 | 1739 | 1729 |
| Load width between wheel arches | **mm** | 1051 | 1051 | 1051 | 1051 |
| Load opening width at floor | **mm** | 1070 | 1070 | 1070 | 1070 |
| **Luggage capacity** |  |  |  |  |  |
| Cargo volume behind first row (2-seat mode; laden to roof) with tyre repair kit4 | **litres** | 1534 | 1534 | 1534 | 1481 |
| Cargo length at floor behind second row with tyre repair kit | **mm** | 961 | 961 | 961 | 933 |
| Closed cargo compartment second row (under cargo shade) with tyre repair kit (min-max depending on sliding second row position) | **litres** | 475-645 | 475-645 | 475-645 | 411-581 |

3 Front-wheel drive with 17- to 19-inch wheels

4 V214-1. Dimensions may vary dependent on the model and equipment fitted.

**DRIVER ASSISTANCE TECHNOLOGIES**5

|  |
| --- |
| Active Park Assist 2 |
| Adaptive Cruise Control with Stop & Go, Speed Sign Recognition and Lane Centring |
| Adaptive Front Lighting System (including predictive curve light and sign-based light) |
| Auto high beam |
| Auto lighting |
| Blind Spot Information System (BLIS) |
| Cross Traffic Alert |
| Distance Indication |
| Driver Alert |
| Emergency Brake Assist |
| Evasive Steering Assist |
| Forward Collision Warning with Brake Support |
| Front and rear parking sensors |
| Front wide-view camera |
| Glare-free high beam |
| Hill Start Assist |
| Intelligent Speed Limiter |
| Intersection Assist 1.0 |
| Enhanced Lane-Keeping System with Road Edge Detection and BLIS Assist |
| Local Hazard Information |
| Post-Collision Braking |
| Pre-Collision Assist with Active Braking |
| Rain-sensing wipers |
| Rear wide-view camera |
| Selectable Drive Modes |
| Traffic Sign Recognition |
| Wrong Way Alert |

**COMFORT AND CONVENIENCE**5

|  |
| --- |
| 12.3-inch LCD instrument cluster |
| B&O Sound System |
| FordPass Connect modem |
| Hands-free tailgate |
| Head-up display |
| Openable panoramic roof |
| Retractable tow bar |
| SYNC 3 with 8-inch touchscreen |
| Wireless charging pad |

5Feature availability dependent on vehicle specification

**STEERING**

|  |  |
| --- | --- |
| System | Column-mounted electric power-assisted steering, mechanical steering gear |
| Ratio | 13.75:1 |
| Turning circle (m)  kerb-to-kerb | 11.38 |

**CHASSIS**

|  |  |
| --- | --- |
| Front suspension | Independent MacPherson struts, L-shaped lower control arm, steering gear and hollow stabilizer bar mounted on subframe |
| Rear suspension | Isolated subframe for the Short Long Arm (SLA) independent rear suspension, multi-compound bushes with different stiffness characteristics separating the subframe from the body structure, springs located below floor, hollow stabilizer. |

**BRAKES**

|  |  |  |
| --- | --- | --- |
|  | **Front** | **Rear** |
| Braking | Hydraulically operated dual-circuit system with diagonal distribution. Vented front discs. Solid rear discs with Electric Park Brake system (EPB). Electronic four-channel anti-lock braking system (ABS) with electronic brake-force distribution (EBD). Electronic brake booster on hybrid powertrains and for selected driver assistance technologies. Electronic stability control system (ESC), including roll stability control (RSC) and trailer sway control (TSC). | |
| Disc dimensions (mm) | Ø308 x 27  Ø330 x 27 | Ø302 x 11 |
| Piston dimensions (mm) | Ø57  2 x Ø44 | Ø36 (iEPB) |

**WHEELS & TYRES**

|  |
| --- |
| 7 x 17-inch with 225/65 R17 |
| 7.5 x 18-inch with 225/60 R18 |

**PETROL ENGINES**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **1.5-litre EcoBoost (120, 150 PS)** | |
| Type |  | In-line three-cylinder turbo petrol, Ti-VCT, transverse | |
| Displacement | cm3 | 1497 | |
| Bore | Mm | 84.0 | |
| Stroke | Mm | 90.0 | |
| Compression ratio |  | 11.0:1 | |
| Max power | PS (kW) | 120 (88) | 150 (110) |
| at rpm | 5500 | 6000 |
| Max torque steady state | Nm | 240 | 240 |
| at rpm | 1600-3000 | 1600-4000 |
| Valve gear |  | DOHC with 4 valves per cylinder, twin independent variable cam timing | |
| Cylinders |  | 3 in-line, cylinder deactivation technology on cylinder one | |
| Cylinder head |  | Cast aluminium with iron liners | |
| Cylinder block |  | Cast aluminium | |
| Camshaft drive |  | Chain driven with hydraulic tensioner | |
| Crankshaft bearings |  | Cast iron, 6 counterweights, 4 main bearings | |
| Engine management |  | Bosch MG1CS016 with CAN-Bus and individual cylinder knock control. FGEC software | |
| Fuel injection |  | 3 high-pressure direct fuel injection, 6-hole injectors (DI) plus 3 low-pressure port injectors (PFI) | |
| Emission level |  | Euro 6d-TEMP | |
| Emission control |  | Rapid light-off catalyst, gasoline particulate filter | |
| Turbocharger |  | Continental radial-axial (RAAX) turbocharger | |
| Lubrication system |  | Two-stage variable displacement oil pump | |
| Cooling system |  | Single thermostat | |
| Transmission |  | 6-speed manual | |
| Gear ratios |  | 6th 0.578  5th 0.690  4th 0.868  3rd 1.194  2nd 1.952  1st 3.727  R 3.886  FDR 4.056 | |

**HYBRID ENGINES**

|  |  |  |
| --- | --- | --- |
|  |  | **2.5-litre Petrol Plug-In Hybrid (225 PS)** |
| Type |  | Atkinson Cycle port fuel injection engine |
| Motor |  | Permanent magnet 3-phase AC synchronous traction motor, liquid cooled |
| Max power | PS (kW) | 225 (165) |
|  | at rpm | N/A |
| Max torque | Nm | N/A |
|  | at rpm | N/A |
| Battery |  | Lithium-ion |
| High-voltage cooling system |  | Liquid-cooled/heated |
| Battery capacity | kWh | 14.4 kWh 48 Ah |
| Transmission |  | Ford-developed single-speed automatic |
| Gear ratio |  | 2.91 FDR |
| Fuel tank | litres | 42.7 |
| 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-TEMP |
| Lubrication system |  | Electronically controlled variable displacement oil pump |
| Engine cooling system |  | Liquid cooled, separate from high-voltage cooling/heating system |

### DRIVE LINE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Drive options:** | **AWD:** Electronically controlled Ford Intelligent All Wheel Drive with variable torque distribution | | | |
|  | **FWD:** Front-wheel drive |  |  |  |

# # #

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.

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. Light Duty Vehicle type-approved using the World Harmonised Light Vehicle Test Procedure (WLTP) will have fuel/energy consumption and CO2-emission information for New European Drive Cycle (NEDC) and WLTP. WLTP will fully replace the NEDC latest by the end of the year 2020. The applied standard test procedures enable comparison between different vehicle types and different manufacturers. During NEDC phase-out, WLTP fuel consumption and CO2 emissions are being correlated back to NEDC. There will be some variance to the previous fuel economy and emissions as some elements of the tests have altered, so the same car might have different fuel consumption and CO2 emissions.

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