



TECHNICAL SPECIFICATIONS

NEW FORD MUSTANG – EUROPEAN SPECIFICATIONS

PERFORMANCE AND ECONOMY

Engine	Power (PS)	CO ₂ (g/km)	Fuel consumption l/100 km (mpg)*			Performance	
			Urban	Extra Urban	Combined	Max speed km/h (mph)	0-100 km/h 0-62 mph (sec)
2.3-litre EcoBoost fastback (6-speed manual)	290	199	12.2 (23.2)	7.2 (39.2)	9 (31.4)	233 (145)	5.8**
2.3-litre EcoBoost fastback (10-speed Selectshift auto)	290	205	13.4 (21.1)	6.8 (41.5)	9.2 (30.7)	233 (145)	5.5
2.3-litre EcoBoost convertible (6-speed manual)	290	200	12.1 (23.3)	7.3 (38.7)	9.1 (31.0)	233 (145)	6.0**
2.3-litre EcoBoost convertible (10-speed Selectshift auto)	290	211	13.7 (20.6)	7.0 (40.4)	9.5 (29.7)	233 (145)	5.7**
5.0-litre V8 fastback (6-speed manual)	450	277	16.6 (17.0)	8.8 (32.1)	12.4 (22.8)	249 (155)	4.6**
5.0-litre V8 fastback (10-speed Selectshift auto)	450	270	19.0 (14.9)	8.2 (34.4)	12.1 (23.3)	249 (155)	4.3
5.0-litre V8 convertible (6-speed manual)	450	285	19.1 (14.8)	9.1 (31.0)	12.8 (22.1)	249 (155)	4.8**
5.0-litre V8 convertible (10-speed Selectshift auto)	450	279	19.6 (14.4)	8.5 (33.2)	12.5 (22.6)	249 (155)	4.5**

*The declared Fuel/Energy Consumptions, CO₂ emissions and electric range are measured according to the technical requirements and specifications of the European Regulations (EC) 715/2007 and (EC) 692/2008 as last amended. Fuel consumption and CO₂ emissions are specified for a vehicle variant and not for a single car. The applied standard test procedure enables comparison between different vehicle types and different manufacturers. In addition to the fuel efficiency of a car, driving behaviour as well as other non-technical factors play a role in determining a car's fuel/energy consumption, CO₂ emissions and electric range. CO₂ is the main greenhouse gas responsible for global warming.

From 1 September 2017, certain new vehicles will be type-approved using the World Harmonised Light Vehicle Test Procedure (WLTP) according (EU) 2017/1151 as last amended, which is a new, more realistic test procedure for measuring fuel consumption and CO₂ emissions. From 1 September 2018 the WLTP will fully replace the New European Drive Cycle (NEDC), which is the current test procedure. 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 i.e., the same car might have different fuel consumption and CO₂ emissions.

**Anticipated acceleration figures

BODY

Construction	Unitised welded steel body, aluminium bonnet and front wings
Body Styles	Fastback and Convertible; Left-hand and Right-hand Drive
Final assembly location	Flat Rock, Michigan, USA

ENGINE

	2.3-litre EcoBoost	5.0-litre V8
Configuration	Aluminium block and head	Aluminium block and heads
Intake manifold	Composite shell-welded with runner pack	Composite shell-welded with runner pack and charge motion control valves
Exhaust manifold	Three-port integrated into aluminium head	Stainless steel tubular manifold
Valvetrain	DOHC, four valves per cylinder, twin independent variable camshaft timing	DOHC, four valves per cylinder, twin independent variable camshaft timing
Valve diameter/lift (mm)	Intake 32.5 /8.31 Exhaust 30 /7.42	Intake 37.7 /13 Exhaust 32.0 /13
Pistons	Cast aluminium	Cast aluminium
Connecting rods	Forged steel	Forged steel
Ignition	Distributor-less with coil-on-plug	Distributor-less with coil-on-plug
Bore x stroke (mm)	87.55 x 94	93.0 x 92.7
Displacement (cc)	2261	5038
Compression ratio	9.5:1	12.0:1
Engine control system	PCM	PCM
Power	290 PS (231 kW) @ 5400 rpm	450 PS (331 kW) @ 7000 rpm
Torque	440 Nm @ 3000 rpm	529 Nm @ 4600 rpm
Fuel capacity (litre)	59	61
Fuel delivery	High-pressure direct injection	Dual-injection system featuring low-pressure port fuel injection and high-pressure direct injection
Oil capacity (litre)	5.7 5W-30 with filter (16,000 km service interval)	9.5 5W-20 with filter (16,000 km service interval)

DRIVETRAIN

Layout	Rear-wheel drive with limited-slip differential
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TRANSMISSION

	2.3-litre EcoBoost		5.0-litre V8	
Standard	6-speed manual	10-speed Selectshift automatic	6-speed manual	10-speed Selectshift automatic
Gear ratios				
First	4.236	4.70	3.24	4.70
Second	2.538	2.99	2.10	2.99
Third	1.665	2.15	1.42	2.15
Fourth	1.238	1.77	1.00	1.77
Fifth	1.00	1.52	0.81	1.52
Sixth	0.834	1.28	0.62	1.28
Seventh	N/A	1.00	N/A	1.00
Eighth	N/A	0.85	N/A	0.85
Ninth	N/A	0.69	N/A	0.69
Tenth	N/A	0.64	N/A	0.64
Final drive	3.31	3.35	3.55	3.35

SUSPENSION

Front	Double-ball-joint independent MacPherson strut and tubular stabiliser bar
Rear	Integral-link independent with coil springs, solid stabiliser bar and twin-tube dampers (2.3-litre EcoBoost) or mono-tube dampers (V8)
Optional	MagneRide® Damping System with Monotube rear dampers and inverted monotube front dampers; suspension position sensors and Vehicle Dynamics Module

BRAKES

	2.3-litre EcoBoost	5.0-litre V8
Type	Four-wheel vented disc brakes with four-sensor, four-channel anti-lock braking system (ABS) and AdvanceTrac electronic stability control	Four-wheel power disc brakes with four-sensor, four-channel anti-lock braking system and AdvanceTrac electronic stability control
Front	352 mm x 32 mm vented discs, four-piston 46 mm fixed aluminium callipers	380 mm x 34 mm vented discs, Brembo six-piston 36 mm fixed aluminium callipers
Rear	330 mm x 25 mm vented discs, single-piston 45 mm floating iron callipers, integral parking brake	330 mm x 25 mm vented discs, single-piston 45 mm floating iron callipers, integral parking brake

STEERING

Type	Selectable electric power-assisted steering with rack-and-pinion gear
Ratio	16:1
Turning circle, kerb-to-kerb	12.2 m

WHEELS AND TYRES

2.3-litre EcoBoost	255/40 R19 Tyres, 19 inch x 9 inch aluminium wheels	255/40 R19 Tyres, 19 inch x 9 inch aluminium wheels
5.0-litre V8	255/40 R19 Tyres, 19 inch x 9 inch aluminium wheels	Front: 255/40 R19 Tyres, 19 inch x 9 inch aluminium wheels Rear: 275/40 R19 Tyres, 19 inch x 9.5 inch aluminium wheels

DIMENSIONS

	Fastback	Convertible
EXTERIOR		
Wheelbase (mm)	2720	2720
Overall length (mm)	4789	4789
Overall width excluding mirrors (mm)	1916	1916
Overall width including mirrors (RHD) (mm)	2081 (2097)	2081 (2097)
Overall width mirrors folded (RHD) (mm)	1957 (1985)	1957 (1985)
Overall height (max) (mm)	2.3-litre: 1373 5.0-litre V8: 1382	2.3-litre: 1387 5.0-litre V8: 1396
Track, front/rear (mm)	2.3-litre: 1582/1656 5.0-litre V8: 1642/1642	2.3-litre: 1582/1656 5.0-litre V8: 1642/1642
Minimum ground clearance (kerb) (mm)	2.3-litre: 145 5.0-litre V8: 144	2.3-litre: 145 5.0-litre V8: 144
INTERIOR		
Seating capacity	Four	Four
Front headroom (mm)	955	954
Front legroom – maximum (mm)	1146	1146
Front shoulder room (mm)	1430	1430
Front hip room (mm)	1395	1395
Rear headroom (mm)	884	906
Rear legroom (mm)	737	742
Rear shoulder room (mm)	1327	1135
Rear hip room (mm)	1203	1111
Loading Width Between Wheelhouses (mm)	1010	1010
Load Opening Width at floor (mm)	640	640
Liftover Height (kerb) (mm)	761	761
Cargo volume (litre) ‡	408	332

‡Measured in accordance with ISO 3832. Information provided for base vehicle, except where specified. Dimensions may vary dependent on the model and equipment fitted.

WEIGHTS

	Kerb weight (kg)#	Gross Vehicle Mass (kg)
2.3-litre EcoBoost fastback (6-speed manual)	1662	2023
2.3-litre EcoBoost fastback (10-speed Selectshift auto)	1673	2023
2.3-litre EcoBoost convertible (6-speed manual)	1723	2073
2.3-litre EcoBoost convertible (10-speed Selectshift auto)	1728	2073
5.0-litre V8 fastback (6-speed manual)	1743	2150
5.0-litre V8 fastback (10-speed Selectshift auto)	1756	2150
5.0-litre V8 convertible (6-speed manual)	1807	2150
5.0-litre V8 convertible (10-speed Selectshift auto)	1818	2150

Represents the lightest kerbweight assuming driver at 75 kg, full fluid levels and 90% fuel levels, subject to manufacturing tolerances and options, etc., fitted.

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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.

MagneRide is a trademark of BWI Group

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