

ALL-NEW FORD MUSTANG – EUROPE TECHNICAL SPECIFICATIONS

BODY		
Construction	Unitized welded steel body, aluminum hood and front fender	
Bodystyles	Fastback and Convertible; Left-hand and Right-hand Drive	
Final assembly location	Flat Rock, Mich.	
ENGINE		
	2.3-liter GTDI I4	5.0-liter Ti-VCT V8
Configuration	Aluminum block and head	Aluminum 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 aluminum head	Stainless steel tubular headers
Valvetrain	DOHC, four valves per cylinder, twin independent variable camshaft timing	DOHC, four valves per cylinder, twin independent variable camshaft timing
Valve diameter/lift	Intake 31 mm/8.31 mm, exhaust 30 mm/7.42 mm	Intake 37.3 mm/13 mm, exhaust 31.8 mm/13 mm
Pistons	Cast aluminum	Cast aluminum
Connecting rods	Forged steel	Forged steel
Ignition	Distributor-less with coil-on-plug	Distributor-less with coil-on-plug
Bore x stroke	87.55 x 94 mm	92.2 x 92.7 mm
Displacement	2300 cc	4951 cc
Compression ratio	9.5:1	11.0:1
Engine control system	PCM	PCM
Power	>309 ps (227 kW) @ 5500 rpm (projected, US Spec)	>426 ps (313 kW) @ 6500 rpm (projected, US Spec)
Torque	>407 Nm @ 2500-4500 rpm (projected, US Spec)	>529 Nm @ 4250 rpm (projected, US Spec)
Recommended fuel	91 RON	98 RON
Fuel capacity	59 L	61 L
Fuel delivery	Direct injection	Sequential multiport electronic
Oil capacity	5.7 L 5W-30 with filter (16,000-km service interval)	7.6 L 5W-20 with filter (16,000-km service interval)

DRIVETRAIN		
Layout	Rear-wheel drive with limited-slip differential	
TRANSMISSION		
	2.3-liter GTDI I4	5.0-liter Ti-VCT V8
Standard	Six-speed manual with Hill Start Assist	
Gear ratios		
First	4.236	3.657
Second	2.538	2.430
Third	1.665	1.686
Fourth	1.238	1.315
Fifth	1.00	1.00
Sixth	0.704	0.651
Final drive	3.55:1	3.55:1
Optional	Six-speed automatic with paddle shifters	
Gear ratios		

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First	4.17
Second	2.34
Third	1.52
Fourth	1.14
Fifth	0.87
Sixth	0.69
Final drive	3.55:1

SUSPENSION

Front	Double-ball-joint independent MacPherson strut and tubular stabilizer bar
Rear	Integral-link independent with coil springs, solid stabilizer bar, and twin-tube dampers (I4) or mono-tube dampers (V8)

STEERING

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

BRAKES

	2.3-liter GTDI I4	5.0-liter Ti-VCT V8
Type	Four-wheel power disc brakes with four-sensor, four-channel anti-lock braking system 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 x 32-mm vented discs, four-piston 46-mm fixed aluminum calipers	380 x 34-mm vented discs, Brembo six-piston 36-mm fixed aluminum calipers
Rear	330 x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake	330 x 25-mm vented discs, single-piston 45-mm floating iron calipers, integral parking brake

TIRES AND WHEELS

Standard	255/40R19 Y-Rated Summer Tires 19 x 9-in. aluminum wheels	F-255/40 R-275/40 R19 Y-Rated Summer Tires 19 x 9-in. (frt) + 19 x 9.5-in. (rear) alum. wheels
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DIMENSIONS (mm)

	Fastback	Convertible
EXTERIOR		
Wheelbase	2720	2720
Overall length	4784	4784
Overall width	1916	1916
Overall height	1381	1394
Track, front/rear	1570/1637	1570/1637
INTERIOR		
Seating capacity	Four	Four
Front headroom	955	956
Front legroom - maximum	1131	1131
Front shoulder room	1430	1430
Front hip room	1395	1395
Rear headroom	884	907
Rear legroom	777	783

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Rear shoulder room	1327	1135
Rear hip room	1203	1111
CAPACITIES		
Passenger volume	2392 L	2287 L
Cargo volume	383 L (Based on US SAE Spec)	324 L (Based on US SAE Spec)

Specifications subject to change