



TECHNICAL SPECIFICATIONS

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FORD PUMA ST – PRELIMINARY TECHNICAL SPECIFICATIONS

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.

PERFORMANCE AND ECONOMY

Petrol engines	Power PS	Wheel size inch	CO ₂ from (g/km NEDC)	Fuel consumption from (l/100 km NEDC)			Fuel consumption from (l/100 km WLTP)	CO ₂ from (g/km WLTP)
			Combined	Urban	Extra Urban	Combined	Overall	Overall
1.5-litre EcoBoost 6-speed manual	200	19	134	7.6	5.0	6.0	6.9	155

Petrol engines	Power PS	Performance		
		Max speed km/h	0-100 km/h sec	50-100 km/h sec*
1.5-litre EcoBoost 6-speed manual	200	220	6.7	5.9

* In 4th gear

WEIGHTS AND DIMENSIONS

	Kerb weight (kg) [#]	Gross Vehicle Mass (kg)	Gross Train Mass (kg)	Max. Towable Mass (braked) (kg)	Max. Towable Mass (unbraked) (kg)	Nose weight (kg)	Roof load (kg)
1.5 EcoBoost 200 PS 6-speed manual	1358	1815	2565	750	640	75	25

[#]Represents the lightest kerb weight 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.

Dimensions

Dimensions (mm unless stated)	Puma ST
Exterior	
Overall length without tow bar	4226
Overall width mirrors extended/folded	1930/1805
Overall height (with shark fin antenna, unladen)	1533
Wheelbase	2588
Front track	1565
Rear track	1518
Front overhang	875
Rear overhang	763
Min ground clearance (GVM)	131
Min ground clearance (kerb)	152
Approach Angle (degrees)	13,8
Departure Angle (degrees)	24,0
Interior	
Front headroom (without panorama roof)	1000
Front headroom (with panorama roof)	983
Front legroom (maximum with seat in rear-most mid-height position)	1127
Front shoulder room	1348
Front hip room	1311
Rear headroom (without panorama roof)	965
Rear legroom (maximum with seat in rear-most mid-height position)	877
Rear shoulder room	1320
Rear hip room	1278
Luggage capacity (litres) †	
5-seat mode, laden to package tray (with tyre repair kit)	456
2-seat mode, laden to roof (with tyre repair kit)	1216
Luggage compartment dimensions	
Maximum loading height	865
Load length at floor to 1st row (tyre repair kit)	1472
Load length at floor to 2nd row seats	725
Load width between wheelhouses	1000
Load opening width (floor)	982
Lift-over height (kerb)	754
Fuel tank capacity (litres)	
Petrol	45

‡ Measured in accordance with ISO 3832. Dimensions may vary dependent on the model and equipment fitted.

DRIVER ASSISTANCE TECHNOLOGIES[‡]

Adjustable Speed Limiter
Auto high beam
Auto lighting and rain-sensing wipers
Blind Spot Information System
Cross Traffic Alert with Active Braking
Cruise Control
Driver Alert
Enhanced Active Park Assist
Forward Collision Warning
Front and rear parking sensors
Hill Launch Assist
Intelligent Speed Limiter
Local Hazard Information
Lane Keeping Alert
Post-Collision Braking
Pre-Collision Assist with Active Braking
Rear wide-view camera
Selectable Drive Modes
Traffic Sign Recognition
Wrong Way Alert

COMFORT AND CONVENIENCE[‡]

B&O Sound System
Ford MegaBox
FordPass Connect modem
Hands-free tailgate
Adjustable Lumbar support seats
Openable panoramic roof
SYNC 3 with 8-inch touchscreen
Wireless charging pad

[‡]Feature availability dependent on vehicle specification

STEERING

System	Rack and pinion with Electronic Power Assisted Steering (EPAS)
Ratio	11.4:1
Turning circle (m) kerb-to-kerb	11.2

CHASSIS

Front suspension	Independent suspension with MacPherson struts, Hitachi twin-tube frequency reactive shock absorbers and 24.2 mm x 6 mm diameter anti-roll bar
Rear suspension	Twist-beam rear suspension with toe-correcting angled bushes and 28 mm anti-roll bar. In-car stiffness of 2000 Nm/deg. Force vectoring springs located below floor and separate Hitachi twin-tube frequency reactive shock absorbers

BRAKES

	Front	Rear
Braking	Hydraulically operated dual-circuit system with diagonal distribution. Vented front discs. Solid rear discs. Electronic four-channel anti-lock braking system (ABS) with electronic brake-force distribution (EBD), Electronic Stability System (ESP) and Emergency Brake Assist (EBA). Optional autonomous emergency braking (AEB) as part of Pre-Collision Assist with Active Braking and Cross Traffic Alert with Active Braking	
Disc/Drum dimensions (mm)	Ø325 x 27	Ø271 x 11
Piston dimensions (mm)	Ø57	Ø36

WHEELS & TYRES

8J x 19-inch alloy wheels (available in Magnetite finish and machined metal finish) with Michelin PS4S 225/40 R19 with
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PETROL ENGINE

		1.5-litre EcoBoost (200 PS)
Type		In-line three-cylinder turbo petrol, Ti-VCT, transverse
Displacement	cm ³	1497
Bore	mm	84.0
Stroke	mm	90.0
Compression ratio		9.7:1
Max power	PS (kW)	200 (147)
	at rpm	6000
Max torque steady state	Nm	320
	at rpm	2500-3500
Valve gear		DOHC with 4 valves per cylinder, twin independent variable cam timing
Cylinders		3 in-line, cylinder deactivation technology
Cylinder head		Cast aluminium
Cylinder block		Cast aluminium
Camshaft drive		Chain drive with hydraulic tensioner

Crankshaft		Cast iron, 6 counterweights, 4 main bearings
Engine management		Bosch MG1CS016 with CAN-Bus and individual cylinder knock control. FGEC software
Fuel injection		High pressure direct fuel injection with 6-hole injectors (DI) plus 3 low-pressure individual port injectors (PFI)
Emission level		Euro 6d
Emission control		Rapid light-off catalyst, gasoline particulate filter
Turbocharger		Continental RAAX low-inertia turbocharger
Lubrication system		Two-stage variable displacement oil pump
Cooling system		Single thermostat
Transmission		6-speed manual with optional Quaife Limited-Slip Differential
Gear ratios		6th 0.651 5th 0.775 4th 0.971 3rd 1.290 2nd 1.952 1st 3.583 R 3.333 FDR 4.563

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Officially homologated energy efficiency figures will be published closer to on-sale date. 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.

About Ford Motor Company

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