



TECHNICAL SPECIFICATIONS

FORD PUMA ST SPECIFICATIONS

PERFORMANCE AND ECONOMY

Puma ST				Performance		
Engine	Power (PS)	CO ₂ (g/km) ²	Fuel consumption l/100 km ²	Max speed (km/h)	0-100 km/h (sec)	50-100 km/h (sec) ³
1.0-litre EcoBoost Hybrid (7-spd Powershift automatic)	170 ¹	144	6.3	210	7.4	N/A
1.5-litre EcoBoost (6-spd manual)	200	149-155	6.6-6.8	220	6.7	5.9

¹ Maximum performance determined by test procedure UN Global Technical Regulation-21 (Jan 2021).

² CO₂ emission and fuel efficiency ranges may vary according to vehicle variants offered by individual markets.

The declared WLTP 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.

³ In 4th gear.

WEIGHTS AND DIMENSIONS

	Kerb weight (kg) ⁴	Gross Vehicle Mass (kg)	Gross Train Mass (kg)	Max. Towable Mass (braked) (kg) ⁵	Max. Towable Mass (unbraked) (kg) ⁵	Nose weight (kg)	Roof load (kg)
1.0-litre EcoBoost Hybrid 170 PS 7-spd Powershift automatic	1394	1845	2745	900	665	75	25
1.5-litre EcoBoost 200 PS 6-spd manual	1358	1815	2565	750	640	75	25

⁴ 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.

⁵ 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 1.0-litre EcoBoost Hybrid	Puma ST 1.5-litre EcoBoost
Exterior		
Overall length without tow bar	4226	4226
Overall width mirrors extended/folded	1930/1805	1930/1805
Overall height (with shark fin antenna, unladen)	1533	1533
Wheelbase	2588	2588
Front track	1565	1565
Rear track	1518	1518
Front overhang	875	875
Rear overhang	763	763
Min ground clearance (GVM)	131	131
Min ground clearance (kerb)	152	152
Approach Angle (degrees)	13.8	13.8
Departure Angle (degrees)	24.0	24.0
Interior		
Front headroom (without panorama roof)	1000	1000
Front headroom (with panorama roof)	983	983
Front legroom (maximum with seat in rear-most mid-height position)	1127	1127
Front shoulder room	1348	1348
Front hip room	1311	1311
Rear headroom (without panorama roof)	965	965
Rear legroom (maximum with seat in rear-most mid-height position)	877	877
Rear shoulder room	1320	1320
Rear hip room	1278	1278
Luggage capacity (litres) ⁶		
5-seat mode, laden to package tray (with tyre repair kit)	456	456
2-seat mode, laden to roof (with tyre repair kit)	1216	1216
Luggage compartment dimensions		
Maximum loading height	865	865
Load length at floor to 1st row (tyre repair kit)	1472	1472
Load length at floor to 2nd row seats	725	725
Load width between wheelhouses	1000	1000
Load opening width (floor)	982	982
Lift-over height (kerb)	754	754
Fuel tank capacity (litres)		
Petrol	42	45

⁶ Measured in accordance with ISO 3832. Dimensions may vary dependent on the model and equipment fitted.

ADVANCED DRIVER-ASSISTANCE SYSTEMS^{7, 8}

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 CONVENIENCE⁸

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

⁷ Driver-assist features are supplemental and do not replace the driver's attention, judgment and need to control the vehicle. It does not replace safe driving. See Owner's Manual for details and limitations.

⁸ 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 with Magnetite finish and Continental Sport Contact 7 225/40 ZR19 XL 93Y

HYBRID ENGINES

		1.0-litre EcoBoost Hybrid (170 PS)
Type		In-line three-cylinder turbo petrol, 48-volt mild hybrid, Ti-VCT, transverse
Displacement	cm ³	999
Bore	mm	71.9
Stroke	mm	82.0
Compression ratio		10.0:1
Max power ¹	PS (kW)	170 (125)
	at rpm	5750
Max torque steady state (ICE)	Nm	200
	at rpm	2000-5500
Max torque performance ¹	Nm	248
	at rpm	3000
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 iron
Camshaft drive		Chain drive with hydraulic tensioner
Crankshaft		Cast iron, 6 counterweights, 4 main bearings
Engine management		Bosch MED17 with CAN-Bus and individual cylinder knock control. FGEC software
Fuel injection		250 bar (max) high pressure direct fuel injection with 5-hole injectors
Emission level		Euro 6d
Emission control		Rapid light-off catalyst, gasoline particulate filter
Turbocharger		Fixed geometry turbocharger
Electric motor		11.5kW Belt Integrated Starter-Generator
Battery		48V 8Ah Li-ion air cooled battery pack
Lubrication system		Electronically controlled variable displacement oil pump for improved fuel economy
Cooling system		Split cooling system with 2 thermostats. Cam driven water pump for reduced power consumption
Transmission		7-speed Powershift dual-clutch automatic
Gear ratios		7th 0.638 6th 0.771 5th 0.851 4th 1.114 3rd 1.596 2nd 2.824 1st 4.462 R 2.824 FDR 4.176 (ratios 1,2,6,7) 4.733 (ratios 3,4,5,R)

PETROL ENGINES

		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) at rpm	200 (147) 6000
Max torque steady state	Nm at rpm	320 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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Note: The data information in this press release 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.

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