

Hyundai Tucson	Electrified				Combustion	
Engines & performance <small>All data for Manual transmission, except ( ) = with DCT, [ ] = with Automatic Transmission, { } 4WD</small>	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Emission standard	EU E6D					
Type	4 cylinders in line					
Displacement [cc]	1,598					
Bore x stroke [mm]	75.6 X 89.0	75.6 X 89.1	75.6 X 89.1	77.0 x 85.8	75.6 X 89.0	77.0 x 85.8
Compression ratio	10.5	10.5	10.5	15.9	10.5	15.9
Maximum power [PS/kW] (for HEV: combined)	230 / 169.1	150 / 110.3	180 / 132.4	136 / 100	150 / 110.3	115 / 85
Maximum torque [Nm/rpm]	Engine: 264.7 / 1500~4500 Motor: 265 / 1500~4500	250.1/1500~4000	265 / 1500~4500	280 / 1,500~3,000 (320 / 2,000~2,250)	250.1/1500~4000	280 / 1,500~2,750rpm
0-100 km/h [s]	8 {8.3}	10.3 (9.6)	9.4 (9)	(11.4) { (11.6)}	10.3 {10.6}	12.1
Top speed [km/h]	193	189	205 {201}	(180)	189	175
2WD / 4WD application	2WD/4WD	2WD	2WD/4WD	2WD/4WD	2WD/4WD	2WD
Weight <small>All data for Manual transmission, except ( ) = with DCT, [ ] = with Automatic Transmission, { } 4WD</small>	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Curb weight [kg] <i>lightest - heaviest</i>	1,564–1,685 {1,634–1,755}	1,463 –1,588 (1,491–1,621)	1,463–1,588 {(1,558–1,689)}	(1,531–1,660) {(1,590–1,729)}	1,425 – 1,575 {1,590 – 1,729}	1,477 – 1,628
Payload [kg] <i>lightest - heaviest</i>	490–611	477-602 (479–609)	477–602 {(481–612)}	(480-609) {(471-610)}	475–625 {477–627}	477 – 628
Gross vehicle weight [kg]	2,175 {2,245}	2,065 (2,100)	2,065 {(2,170)}	(2,140) {(2,200)}	2,050 {2,130}	2,105
Maximum tow weight braked [kg]	750	750	750	750	750	750
Maximum tow weight unbraked [kg]	1,650	1,650	1,650	1,650	1,650	1,950
Load per axle [kg] front/rear	1,260/1,200	1,260/1,200	1,260/1,200	1,260/1,200	1,260/1,200	1,260/1,200
Roof rack load [kg]	100	100	100	100	100	100
Hybrid system specifics	1.6 T-GDI HEV 230 PS					
Electric motor type	Permanent Magnet Synchronous Motor					
Maximum power electric motor [kW]	44.2					
Maximum torque electric motor [Nm]	265					
Battery type	Lithium-Ion Polymer					
Voltage [V]	270V					
Battery capacity [kWh]	1.49					
Battery placement	Under second row seats					

48-Volt Mild Hybrid system specifics	1.6 T-GDI 48V 150 PS 2WD	1.6 T-GDI 48V 180 PS 2WD/4WD	1.6 CRDi 48V 136 PS 2WD/4WD
System components	Mild Hybrid Starter Generator (MHSG) connected to crankshaft via belt, Energy storage in lithium polymer battery (mounted below luggage compartment), DC/DC converter		
Voltage [V]	48		
Battery capacity [kWh]	0.44		

Hyundai Tucson	Electrified				Combustion	
Dimensions exterior	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Overall length [mm]	4,500					
Overall width [mm]	1,865					
Overall height [mm] with/without roof rack	1,650/1651					
Wheelbase [mm]	2,680					
Wheel tread front [mm] 17-/18-/19-inch wheels	1,630/1,615/1,615					
Wheel tread rear [mm] 17-/18-/19-inch wheels	1637/1622/1622					
Front overhang/ rear overhang [mm]	895					
Ground clearance [mm]	925					
Dimensions interior	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Head room front/rear [mm] (with sunroof)	1,017 (966)/1000 (980)					
Leg room front/rear [mm]	1,052 /996					
Shoulder room front/rear [mm] (door curtain)	1,464/1,428 (1,398)					
Luggage capacity VDA [l] - seats up	616	577	577	546	620	598
Luggage capacity VDA [l] - seats down	1795	1756	1756	1725	1799	1777
Chassis	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Front suspension	Macpherson Strut Type					
Rear suspension	Multi Link Type					
Steering type	Motor Driven Power Steering Rack and Pinion	Motor Driven Power Steering Column/Rack and Pinion				
Steering wheel lock to lock turns	2.41					
Turning radius [m]	5.46					
Brake system	Dual diagonal split circuit power assisted with Electronic Brake-force Distribution (EBD)					
Front brakes	Ventilated discs, floating caliper, diameter: 291mm					
Rear brakes	Solid discs, floating caliper, diameter: 302mm					
ABS	4-Wheel Electronic, 4-Sensor, 4-Channel Electronic brake distribution, Brake torque distribution system (EBD)					
Wheels	7.0Jx17-inch alloy, steel / 7.5Jx18-inch alloy / 7.5Jx19-inch alloy					
Tyres	215/65R17 / 235/55R18 / 235/50R19					

Hyundai Tucson	Electrified	Combustion
----------------	-------------	------------

Transmission ( ) = with DCT, [ ] = with Automatic Transmission, {} 4WD	1.6 T-GDI HEV 230 PS	1.6 T-GDI 48V 150 PS	1.6 T-GDI 48V 180 PS	1.6 CRDi 48V 136 PS	1.6 T-GDI 150 PS	1.6 CRDi 115 PS
Transmission type	6-speed AT	6-speed MT or 7-speed DCT		6-speed MT	6-speed MT	
1 <sup>st</sup> Gear :1	4.639	3.769 (3.929)	3.769 (3.929)	3.929	3.769	3.769
2 <sup>nd</sup> Gear :1	2.826	2.120 (2.318)	2.120 (2.318)	2.318	2.120	2.040
3 <sup>rd</sup> Gear :1	1.841	1.323 (1.957)	1.323 (1.957)	1.957	1.323	1.294
4 <sup>th</sup> Gear :1	1.386	0.976 (1.023)	0.976 (1.023)	1.023	0.976	0.951
5 <sup>th</sup> Gear :1	1.000	0.778 (0.778)	0.778 (0.778)	0.778	0.778	0.723
6 <sup>th</sup> Gear :1	0.772	0.633 (0.837)	0.633 (0.837)	0.837	0.633	0.569
7 <sup>th</sup> Gear :1	-	(0.681)	(0.681)	0.681	-	-
Reverse :1	3.385	3.727 (5.304)	3.727 (5.304)	5.304	3.727	3.583
Final gear ratio :1	3.320	4.467 (4.929/3.632)	4.467 (4.929/3.632)	4.929/3.632	4.467	4.333

## Notes

Technical specifications listed in this document are tentative and may vary depending on region and trim.