

# Hyundai Veloster.

## Specifications.



Engine	2.0 Atkinson MPI	1.6 T-GDi
Engine family	Nu	Gamma
Configuration	Transverse front mounted driving front wheels	Transverse front mounted driving front wheels
Cylinder capacity	2.0 litres (1,999 cc)	1.6 litres (1,591 cc)
Number of cylinders	4 in-line	4 in-line
Valve system	16 Valve (HLA), Double Overhead Cam (DOHC), Dual Continuously Variable Valve Timing (D-CVVT), Atkinson cycle	16 Valve (MLA), Double Overhead Cam (DOHC), Dual Continuously Variable Valve Timing (D-CVVT)
Intake System	2-step Variable Induction System	Turbocharger
Maximum power	110 kW @ 6,200 RPM	150 kW @ 6,000 RPM
Maximum torque	180 Nm @ 4,500 RPM	265 Nm @ 1,500 - 4,500 RPM
Fuel system	MPI (Multi Point injection)	T-GDi (Turbo-Gasoline Direct injection)
Fuel type	91 RON (ULP), E10 compatible	91 RON (ULP), E10 compatible
Emissions standard	Euro 5	Euro 5
Bore x stroke	81.0 mm x 97.0 mm	77.0 mm x 85.44 mm
Compression ratio	12.5:1	10:1

Transmission	2.0 Atkinson MPI		1.6 T-GDi	
Manual	6 speed manual		6 speed manual	
Automatic	6 speed automatic		-	
Dual Clutch Transmission (DCT)	-		7 speed DCT (dry clutch) with sequential manual mode	
Gear ratio	Manual	Automatic	Manual	DCT
1st	3.615	4.400	3.308	3.643
2nd	1.962	2.726	1.962	2.174
3rd	1.294	1.834	1.323	1.826
4th	1.024	1.392	1.024	1.024
5th	0.860	1.000	0.825	0.809
6th	0.756	0.774	0.702	0.854
7th	-	-	-	0.717
Reverse	3.583	3.440	3.583	4.696
Final	4.188	3.437	4.467	4.643 (1st, 2nd, 4th, 5th) 3.611 (3rd, 6th, 7th & Reverse)

Engine/transmission availability	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
Veloster	•	•	-	-
Turbo	-	-	•	•
Turbo Premium	-	-	•	•

Steering	
Type	Column mounted-Motor Driven Power Steering (C-MDPS), rack & pinion
Minimum turning circle diameter between kerbs / walls	10.6 m
Number of steering wheel turns lock to lock	2.57

Suspension	2.0 Atkinson MPI	1.6 T-GDi
Front	MacPherson strut	
Rear	Multi-link	

Brakes	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
System	Dual-diagonal, split circuit, power assisted with Electronic Brakeforce Distribution (EBD) and Brake Assist System (BAS)			
Front brake type	Ventilated disc			
Front disc dimensions	280 mm x 23 mm		305 mm x 25 mm	
Rear brake type	Solid disc			
Rear disc dimensions	262 mm x 10 mm			

Weight	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
Kerb weight - lightest	1235 kg	1255 kg	1270 kg	1300 kg
Kerb weight - heaviest	1295 kg	1315 kg	1320 kg	1350 kg
Gross Vehicle Mass (GVM)	1700 kg	1730 kg	1730kg	1750kg
Permissible Axle Weight (PAW) - front	990 kg	990 kg	990 kg	990 kg
Permissible Axle Weight (PAW) - rear	820 kg	820 kg	820 kg	820 kg

Fuel consumption*	2.0 Atkinson MPI		1.6 T-GDi	
	Manual	Automatic	Manual	DCT
Combined (L/100km)	7.0	7.1	7.3	6.9
Urban (L/100km)	9.3	9.4	10.0	9.1
Extra Urban (L/100km)	5.5	5.6	5.8	5.6
CO <sub>2</sub> - combined (g/km)	161	162	169	160
Fuel tank volume	50 L			

\*Source: Australian Design Rule 81/02 static laboratory combined average city and highway cycle test. Real world fuel consumption will vary depending on a combination of driving habits, the condition of the vehicle, and other factors such as road, traffic and weather conditions. ADR 81/02 test results are meant for comparison purposes only.

Dimensions	Veloster	Turbo	Turbo Premium
<b>Exterior</b>			
Length	4240 mm		
Width	1800 mm		
Height	1399 mm		
Wheelbase	2650 mm		
Wheel track - front / rear	1549 mm / 1563 mm		
Minimum ground clearance	141 mm		

Interior		
Head room front / rear	967 / 911 mm	936 / 911 mm
Leg room front / rear	1081 / 865 mm	
Shoulder room front / rear	1423 / 1378 mm	
Hip room front / rear	1375 / 1180 mm	
Cargo area - VDA (minimum / maximum)	303 L / 1081 L	

Wheels & tyres	Veloster	Turbo	Turbo Premium
Wheel type	Alloy	Alloy	Alloy
Wheel dimensions	18 x 7.5J +53	18 x 7.5J +53	18 x 7.5J +53
Tyre dimensions	225/40 R18 88W	225/40 ZR18 92Y	225/40 ZR18 92Y
Tyre brand	Michelin Pilot Sport 3	Michelin Pilot Sport 4	Michelin Pilot Sport 4
Spare wheel type	Temporary space saver	Temporary space saver	Temporary space saver

Driving convenience	Veloster	Turbo	Turbo Premium
Cruise control	•	•	•
Hyundai Auto Link	•	•	• <sup>1</sup>
Hyundai Auto Link Premium	-	-	• <sup>2</sup>
One touch turn signal - 3, 5, or 7 flashes	•	•	•
Rain sensing wipers	-	-	•
Rear wiper - 2-stage, with auto wipe on reverse	•	•	•
Smart Key with push button start	-	•	•
Steering wheel mounted controls - audio, cruise control, phone, speed limiter, trip computer & voice control)	•	•	•
Tilt & telescopic steering column	•	•	•

Driving engagement	Veloster	Turbo	Turbo Premium
Drive Mode - 2 settings (Normal, Sport)	• <sup>1</sup>	• <sup>1</sup>	• <sup>1</sup>
Drive Mode - 4 settings (Normal, Sport, Eco, Smart)	• <sup>3</sup>	• <sup>2</sup>	• <sup>2</sup>
Paddle shifters	-	• <sup>2</sup>	• <sup>2</sup>
Digital performance gauges - turbo boost, g-force & torque	-	•	•

Active safety	Veloster	Turbo	Turbo Premium
<b>Electronic Stability Control (ESC) including;</b>			
Anti-lock Braking System (ABS)	•	•	•
Brake Assist System (BAS)	•	•	•
Electronic Brakeforce Distribution (EBD)	•	•	•
Hill-start Assist Control (HAC)	•	•	•
Torque Vectoring Control (TVC)	•	•	•
Traction Control System (TCS)	•	•	•
Vehicle Stability Management (VSM)	•	•	•
<b>Hyundai SmartSense™ including;</b>			
Blind-Spot Collision Warning (BCW)	-	•	•
Driver Attention Warning (DAW)	•	•	•
Forward Collision-Avoidance Assist (FCA) - including;	•	•	•
City / Urban (camera)	•	•	•
Interurban / Pedestrian & Cyclist detection (camera & radar)	-	• <sup>2</sup>	• <sup>2</sup>
High Beam Assist (HBA)	-	•	•
Lane Keep Assist (LKA)	•	•	•
Rear Cross-Traffic Collision Warning (RCCW)	-	•	•
Smart Cruise Control (SCC)	-	• <sup>2</sup>	• <sup>2</sup>
<b>Other features</b>			
Emergency Stop Signal (ESS)	•	•	•
Parking Distance Warning-Reverse (PDW-R) - 4 sensors, with guidance display	•	•	•
Rear view camera with dynamic guide lines	•	•	•
Manual Speed Limit Assist	•	•	•
Tyre Pressure Monitoring System (TPMS) - individual tyre pressure readout	•	•	•

Passive safety	Veloster	Turbo	Turbo Premium
<b>Airbags</b>			
Front airbags - driver & front passenger	•	•	•
Side (thorax) airbags - driver & front passenger	•	•	•
Side curtain airbags - 1st & 2nd row	•	•	•
Roll-over Sensor	•	•	•
<b>Doors</b>			
Impact sensing auto door unlock	•	•	•
Rear door child safety lock	•	•	•
<b>Seatbelts</b>			
Pretensioners & load limiters on front seat belts	•	•	•
Pretensioners & load limiters on rear seat belts	•	•	•
Seat belt reminder - front & rear seatbelts	•	•	•
<b>Seating</b>			
Height adjustable front head restraints with tilt function	•	•	•
Height adjustable rear head restraints	•	•	•
ISOFIX child restraint anchors (rear seats)	•	•	•
Top tether child restraint anchors (rear) - 2 anchors	•	•	•

Security	Veloster	Turbo	Turbo Premium
<b>Security system</b>			
Active lock/unlock operation (user configurable)	•	•	•
Anti-theft alarm	•	•	•
Central locking	•	•	•
Engine immobiliser	•	•	•
<b>Remotes</b>			
Keyless entry remote - 2x	•	-	-
Smart Key remote - 2x	-	•	•
Multimedia system	Veloster	Turbo	Turbo Premium
<b>Functions</b>			
Apple CarPlay <sup>4</sup> & Android Auto <sup>5</sup> compatibility	•	•	•
Bluetooth phone connectivity	•	•	•
Satellite navigation	-	•	•
SUNA™ Live Traffic Updates	-	•	•
Touch screen - 7" display	•	-	-
Touch screen - 8" display	-	•	•
Voice Control - Apple CarPlay <sup>4</sup> & Android Auto <sup>5</sup> only	•	•	•
<b>Speakers</b>			
Audio system - 6 speakers	•	-	-
Infinity™ premium audio system - 8 speakers with external amplifier	-	•	•
<b>Audio/media sources</b>			
AM/FM radio	•	•	•
Digital radio (DAB+)	-	•	•
Radio Data System (RDS)	•	•	•
USB / AUX audio input with iPod® compatibility	•	•	•
Bluetooth audio streaming	•	•	•
Occupant comfort & convenience	Veloster	Turbo	Turbo Premium
<b>Upholstery/trim</b>			
Leather <sup>6</sup> appointed steering wheel & gear knob	•	•	•
Cloth & Leather <sup>6</sup> appointed seats	-	•	-
Leather <sup>6</sup> appointed seats	-	-	•
<b>Front seats</b>			
Driver's seat - height adjustable	•	•	•
Driver's seat - power adjustable - 8-way (including 2-way lumbar support)	-	-	•
Front centre console - power outlet - 1 x 12V outlet	•	•	•
Front centre console - USB power outlet	•	•	•
Front centre console - wireless charging pad (Qi standard) <sup>7</sup>	-	-	•
Grip handles - 1x (passenger)	•	•	•
Sports front seats with extended bolsters	•	•	•
<b>Windows/shades</b>			
Full width glass sunroof - tilt and slide panel with power sunblind	-	-	•
Power windows - front & rear	•	•	•
One touch window up & down function with anti-pinch safety feature - driver's window	•	•	•
Sunvisor (extendable) - driver and front passenger	-	•	•
Vision & sight	Veloster	Turbo	Turbo Premium
<b>Interior mirror</b>			
Electro-chromatic Mirror (ECM) - auto-dimming	-	-	•
<b>Exterior mirrors</b>			
Heated	•	•	•
Power adjustable	•	•	•
Power folding with auto fold function	-	•	•
<b>Instrument cluster/driving displays</b>			
Head-Up Display (HUD)	-	-	•
Instrument cluster - 3.5" TFT LCD with trip computer & digital speedometer	•	-	-
Sports supervision cluster - 4.2" TFT colour LCD with trip computer & digital speedometer	-	•	•
Ventilation & heating	Veloster	Turbo	Turbo Premium
<b>Air conditioning</b>			
Climate control - single zone with auto defog function	•	•	•
Cabin air filter	•	•	•
<b>Front seats</b>			
Air ventilated front seats	-	-	•
Heated front seats	-	-	•
<b>Other features</b>			
Heated rear windshield	•	•	•
Heated steering wheel	-	-	•
Exterior styling	Veloster	Turbo	Turbo Premium
<b>Front</b>			
Air curtain garnish - black finish	•	-	-
Air curtain garnish - honeycomb type w/dark metallic finish & twin chrome bar insert	-	•	•
Headlights - black bezel finish	•	-	-
Headlights - dark metallic bezel finish	-	•	•
Lower air intakes - red metallic finish	-	•	•
Front grille - horizontal bar type w/black finish	•	-	-
Front grille - Sports mesh type w/dark metallic finish	-	•	•
<b>Rear</b>			
Diffuser - silver finish	•	-	-
Diffuser - Sports type - extended width - silver finish	-	•	•
Exhaust - centre single tip - trapezoidal - chrome finish	•	-	-
Exhaust - centre dual tips - round - chrome finish	-	•	•
Lower bumper - black finish	•	-	-
Lower bumper - dark metallic finish	-	•	•
Reflector housing/air vent - black finish	•	-	-
Reflector housing/air vent - honeycomb type w/dark metallic finish	-	•	•
Spoiler - hatch mounted	•	-	-
Spoiler - Sports type - hatch mounted	-	•	•
Taillights - darkened lenses	•	•	•
<b>Side</b>			
Side skirts w/Turbo badging - dark metallic finish	-	•	•
<b>Wheels</b>			
Multi-spoke dark grey/machined finish	•	-	-
5 twin-spoke gloss black - (red highlight centre cap)	-	•	-
5-spoke dark metallic/machined finish - (red highlight centre cap)	-	-	•

Interior styling	Veloster	Turbo	Turbo Premium
<b>Treatments</b>			
Alloy effect finish - gear knob & handbrake button	•	•	•
Metallic inserts - audio, dashboard, door handles, gearshift surround & steering wheel	•	•	•
Metallic dashboard/air vent insert	•	•	•
Black headlining	•	•	•
Chequered flag pattern insert - dashboard	-	•	•
Chequered flag pattern insert - instruments	•	-	-
Coloured stitching - seats (blue)	•	-	-
Coloured stitching & inserts - seats (red)	-	•	•
Metallic blue inserts - dashboard & steering wheel	•	-	-
Metallic red inserts - dashboard, gear knob & steering wheel	-	•	•
Piano black - audio unit	-	•	•
Silver ring finish - airvents	-	•	•
<b>Materials</b>			
Perforated leather hand grips - steering wheel	-	•	•
Sports pedals - alloy	-	•	•
Lighting	Veloster	Turbo	Turbo Premium
<b>Exterior lighting - front</b>			
Daytime Running Lights (DRL) - LED	•	•	•
Headlight functions - automatic dusk sensing with escort and welcome	•	•	•
Headlight type - LED (low beam) w/auto levelling	-	•	•
Headlight type - Halogen projector beam w/manual levelling	•	-	-
Positioning lights - LED	•	•	•
<b>Exterior lighting - rear</b>			
High Mount Stop Light (HMSL) - LED	•	•	•
Rear combination lights - LED (bulb indicator and reverse lights)	-	•	•
<b>Exterior lighting - others</b>			
Side repeaters - LED, integrated into side mirrors	•	•	•
<b>Interior lighting - front</b>			
Front room lights and map lights	•	•	•
Vanity mirror lights	•	•	•
<b>Interior lighting - rear</b>			
Centre room light	•	•	-
<b>Interior lighting - others</b>			
Cargo area light	•	•	•
Interior light fade-out delay	•	•	•

Storage solutions	Veloster	Turbo	Turbo Premium
<b>Front seats</b>			
Armrest compartment - centre console	•	•	•
Cup holders - centre console	•	•	•
Front seat back pocket - passenger seat	•	•	•
Glovebox compartment	•	•	•
Retractable sunglasses compartment - overhead console	•	•	•
Ticket holders - sunvisors	•	•	•
<b>Rear seats</b>			
Coat hook - 1x	•	•	•
Cup holders - rear seat	•	•	•
Rear seating split folding - 60:40	•	•	•
Storage tray - rear seat	•	•	•
<b>Boot/Luggage area</b>			
Cargo shelf	•	•	•
Luggage compartment - 4x mounting points	•	•	•
Luggage net	-	•	•
<b>Others</b>			
Doors - map pockets and bottle bulges (front doors)	•	•	•
<b>Option packages</b>	<b>Veloster</b>	<b>Turbo</b>	<b>Turbo Premium</b>
<b>Two-Tone Roof pack</b>			
Phantom Black roof, rear spoiler and side mirrors	-	-	◦ <sup>8</sup>
<p>Notes:</p> <ol style="list-style-type: none"> <li>1. Feature only available on Manual Transmission equipped variant</li> <li>2. Feature only available on Dual Clutch Transmission (DCT) equipped variant</li> <li>3. Feature only available on Automatic Transmission equipped variant</li> <li>4. Apple CarPlay requires iPhone 5 or subsequent model (lightning cable) in order to operate.</li> <li>5. Android Auto requires a device with Android 5.0 operating system or subsequent version in order to operate.</li> <li>6. Finishes specified as leather may contain elements of genuine leather, polyurethane leather (leather substitute) or man-made materials, or a combination thereof.</li> <li>7. Wireless charging requires a Qi-enabled smartphone or adapter in order to operate.</li> <li>8. Option only available with the following exterior colours: Chalk White, Ignite Flame, Tangerine Comet &amp; Thunder Bolt</li> </ol> <p>Key:</p> <ul style="list-style-type: none"> <li>• = Feature is available on trim</li> <li>◦ = Feature is available on trim only as part of an option pack</li> <li>- = Feature is not available on trim</li> </ul>			