



New Hyundai i20 Active

Press information

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NEW THINKING. NEW POSSIBILITIES.

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1. New i20 Active – rugged crossover for urban adventure

- Combines rugged design with space, style and quality of i20 five-door
- Highly efficient new 1.0-litre engine now available with all i20 models
- Hyundai Motor crossover and SUV range broadened to four models

At the Frankfurt International Motor Show 2015, Hyundai Motor is introducing the New Hyundai i20 Active, a rugged compact crossover for customers with active lifestyles.

Further expanding the popular i20 range, the New i20 Active will go on sale in Europe from the beginning of 2016, joining the spacious, functional i20 five-door and the sporty, individual i20 Coupe. The car's arrival also broadens Hyundai Motor's European crossover and SUV offering to four models – alongside the All-New Tucson, New Santa Fe and New Grand Santa Fe – each new or enhanced in 2015.

“With the introduction of New i20 Active we further diversify our offer in the B-segment with an attractive crossover model,” explains Thomas A. Schmid, Chief Operating Officer at Hyundai Motor Europe. “In 2015 our entire crossover and SUV line-up has been renewed, as part of our youngest ever model range in Europe. And with the introduction of our 1.0-litre turbocharged engine, we further enhance our customer proposition in the European B-Segment.”

2. Design

- New Hyundai i20 Active's rugged crossover design enhances appeal and increases versatility
- Over half of exterior parts differ from standard i20 model
- Higher seating position adds to comfort and aids visibility

The distinctive and rugged crossover design of the i20 Active sets it apart from conventional B-segment models. While the new car is based on the i20 five-door -

sharing its expansive space, comfort and quality - over 50% of the exterior parts are unique to this model.

To give the i20 Active a characteristic crossover stance, revised suspension settings elevate the body of the i20 Active by 20 mm compared to the i20 five-door. The seating position is also raised, placing the driver higher within the car. The result makes ingress and egress more comfortable, as well as offering superior visibility while driving.

Underlining the i20 Active's adventurous appeal are the unique front and rear bumpers with integrated skid plates, which offer additional protection when driving away from public roads. Round fog lamps are integrated at the front and rear, with an exclusive rear spoiler adding to the i20 Active's appeal.

The rugged appearance is further enhanced by bold side skirts and side cladding, to complement the robust wheel-arch mouldings. Moving to the top of the car, a set of silver roof rails complement the crossover's stance, adding essential practicality.

Other details that set i20 Active apart from its siblings include a reverse treatment of the signature Hyundai hexagonal grille in high-gloss black with chrome surroundings, a fuel cap cover in silver finish and newly designed 17-inch wheels.

The interior benefits from the superior space, comfort and quality of the i20 five-door, with greater ergonomics from the heightened driving position and further design enhancements. Unique metal pedals present a robust and high quality appearance, while Tangerine Orange interior colour applications expand the personalisation options. Also exclusive to the i20 Active is the Morning Blue exterior colour, a distinctive option for those wanting a bespoke finish.

"The New i20 Active's rugged design and crossover features target young urban customers with active lifestyles," says Raf Van Nuffel, Head of Product Management at Hyundai Motor Europe. "The higher stance and the bespoke design enhancements express the car's adventurous spirit without compromising the spaciousness and comfort of the i20 5-door version."

3. Engines

- New efficient 1.0-litre T-GDI engine introduced for all new i20 family
- Three-cylinder turbocharged direct injection engine with 100 PS and 120 PS
- First of a new generation of in-house developed small petrol turbo-charged engines for Europe

Coinciding with the arrival of the i20 Active comes the introduction of a new engine for the i20 family. Focused on dynamic and efficient driving, the new Kappa 1.0-litre T-GDI three-cylinder turbocharged direct injection engine will be available across all i20 body types from the end of 2015.

The 1.0-litre T-GDI engine is available in two power outputs. The standard-power 100 PS version is tuned to maximise fuel economy and focuses on comfort, while the high-power 120 PS unit has been developed to facilitate more spirited driving without sacrificing efficiency.

“The new 1.0-litre T-GDI is a perfect fit for the i20 family,” states Dr. Michael Winkler, Head of Powertrain at Hyundai Motor’s European Technical Centre in Rüsselsheim. “A downsized 1.0-liter 3-cylinder engine with direct gasoline injection and a matched compact turbocharger with electrical wastegate actuator offers customers not only fuel economy but also driving pleasure.”

These new fuel efficient 1.0-litre T-GDI engines, which achieve up to 4.6 l/100 km* and CO₂ emissions as low as 106 g/km* in the New i20 Active, are the first of a new generation of newly-developed small, turbocharged power plants tuned for Europe. Hyundai Motor’s European Technical Centre in Germany played a key role in the engine’s research, development, engineering and testing, specifically for use on European roads.

The new engine features highly efficient combustion and dynamic performance to fulfil Hyundai's dedication to implementing downsizing as a fuel saving technology. The standard 100 PS version and the high power 120 PS version both deliver a peak

torque of 171.6 Nm at 1,500 rpm providing a perfect combination of dynamism and efficiency.

A turbo charger with electric waste gate actuator improves fuel efficiency by lowering pumping losses as well as improving throttle response and low-end torque. An optimised split-cooling concept for the cylinder head and block brings engine refinement by reducing friction.

To keep the engine unit as small as possible, the exhaust manifold is integrated within the cylinder head and can therefore be cooled efficiently using the cylinder head water cooling system. These efforts result in faster warm-up of the catalyst and ultimately in improved real-world fuel consumption and emissions.

The i20 Active will also be available with a 1.4-litre Kappa engine. The 1,368 cc four-cylinder gasoline engine delivers 100 PS and 134.4 Nm of torque.

As an alternative to gasoline, known 1.4-litre U II diesel engine comes as an option for the i20 Active, just as it does for the i20 five-door and i20 Coupe. This 90 PS diesel engine delivers fuel economy of up to 4.2 l/100 km* and CO₂ emissions as low as 110 g/km*.

**Preliminary technical data*

4. Connectivity

- TomTom LIVE services available for all i20 models from the end of 2015
- LIVE package includes: Real-time traffic updates, weather, POI (Points of Interest) search, plus speed camera warnings in selected countries
- Industry-leading seven-year free subscription to LIVE services saves users around € 50 a year

The New i20 Active keeps customers connected, safe and informed while on the move. TomTom LIVE Services are available in all i20 models from November 2015

onwards and can keep drivers informed, in real time, of traffic conditions and local weather, while also flagging up Points of Interest and, in selected countries, the locations of speed cameras.

The bundled LIVE Services boast a free, industry-leading seven-year subscription (many other manufacturers typically offer the same service for just two years). Added value is ensured when the typical annual subscription fee to TomTom LIVE Services - around €50 a year - is considered.

5. Four crossover and SUV models boost Hyundai Motor brand in Europe

- New Hyundai i20 Active adds to Hyundai's crossover SUV range
- All four new or enhanced in 2015, designed and developed in Europe
- B-segment is key to Hyundai's ongoing growth in the region

Hyundai's crossover and SUV range now consists of four models, each new or enhanced in 2015. New i20 Active accompanies the All-New Tucson, New Santa Fe and New Grand Santa Fe, continuing the brand's strong tradition of producing SUVs for the European Market.

Having sold more than one million SUVs since the launch of the Santa Fe in 2001, Hyundai Motor is well accustomed to European motorists' appetite for rugged, capable and stylish cars. Expanding the SUV and crossover range into the growing B-segment is a strategic business decision that aims to contribute to 100,000 i20-family sales each year.

Like its siblings, the i20 Active has been designed and developed in Europe to cope with the demands of quality, refinement and reliability expected across the European market. The i20 Active will be produced alongside the i20 family at Hyundai Assan Otomotiv Sanayi (HAOS) plant in Izmit, Turkey.

6. Technical specifications

All technical information is preliminary and subject to change

Body and chassis

Five-door, B-segment hatchback, with high-strength steel unitary construction bodyshell. Choice of three gasoline and one diesel transversely-mounted engines driving the front wheels via a five and six-speed manual transmission.

Engines / Gasoline

1.0-litre T-GDI, 100 PS	
Type	Kappa, 3 cylinders in line, DOHC, with dual CVVT
Capacity	998 cc
Bore x stroke	71.0 x 84.0 mm
Compression ratio	10.0
Power	100 PS @ 4500 rpm
Torque	171.6 Nm @ 1500 rpm
Maximum speed	176 km/h
0-to-100 km/h acceleration	10.9 seconds
Fuel consumption combined	4.6 - 4.8 l/100 km*
CO ₂ combined	106 - 111 g/km*

*Depending on trim and tyre specifications.

1.0-litre T-GDI, 120 PS	
Type	Kappa, 3 cylinders in line, DOHC, with dual CVVT

Capacity	998 cc
Bore x stroke	71.0 x 84.0 mm
Compression ratio	10.0
Power	120 PS @ 6000 rpm
Torque	171.6 Nm @ 1500 rpm
Maximum speed	183 km/h
0-to-100 km/h acceleration	10.3 seconds
Fuel consumption combined	5.0 - 5.2 l/100 km*
CO ₂ combined	116 - 121 g/km*

*Depending on trim and tyre specifications.

1.4-litre, 100 PS	
Type	Kappa, 4 cylinders in line, DOHC, with dual CVVT
Capacity	1,368 cc
Bore x stroke	72.0 x 84.0 mm
Compression ratio	10.5
Power	100 PS @ 6000 rpm
Torque	134 Nm @ 3500 rpm
Maximum speed	178 km/h
0-to-100 km/h acceleration	11.9 seconds
Fuel consumption combined	5.6 - 5.8 l/100 km*
CO ₂ combined	129 - 135 g/km*

*Depending on trim and tyre specifications.

Engines / Diesel

1.4-litre, 90 PS	
Type	U-II, 4 cylinders in line
Capacity	1,396 cc
Bore x stroke	75 x 79 mm
Compression ratio	16.0
Power	90 PS @ 4,000 rpm
Torque	240 Nm @ 1,500 - 2,500 rpm
Maximum speed	170 km/h
0-to-100 km/h acceleration	12.3 seconds
Fuel consumption combined	4.2 - 4.3 l/100 km*
CO ₂ combined	110 - 115 g/km*

*Depending on trim and tyre specifications.

Transmissions

	Petrol			Diesel
Engine	1.4 (100 PS)	1.0 T-GDI (100 PS)	1.0 T-GDI (120 PS)	1.4 (90 PS)
Manual - speeds	6	5	6	6

Gear ratios

	Petrol			Diesel
Engine	1.4 (100 PS)	1.0 T-GDI (100 PS)	1.0 T-GDI (120 PS)	1.4 (90 PS)
1 st	3.769	3.615	3.615	3.636
2 nd	2.045	1.955	1.955	1.962
3 rd	1.370	1.207	1.286	1.257
4 th	1.036	0.893	0.971	0.905
5 th	0.893	0.703	0.794	0.723
6 th	0.774	–	0.667	0.633
Reverse	3.700	3.636	3.700	3.583
Final drive	4.400	4.059/3.833	4.267	3.941

Suspension and damping

Front	Fully independent by subframe-mounted MacPherson struts, with coil springs and gas-filled shock absorbers. Anti-roll stabiliser bar.
Rear	Semi-independent coupled torsion beam axle with separate coil springs and gas-filled shock absorbers.

Steering

Type	BLAC-MDPS (motor-driven power steering) electric power-assisted rack and pinion
Gearing	2.7 turns lock-to-lock
Turning radius	5.1 metres (minimum)

Brakes

Front	Gasoline: 256 mm ventilated discs Diesel: 280 mm ventilated discs
Rear	262 mm solid discs
Assistance	ABS, EBD, ESC and VSM

Wheels and tyres

Wheel type	Tyres	Spare wheel
6.0J x 15-inch steel wheels	185 / 65 R15	TMK (Tyre Mobility Kit) or Full-size or Temporary steel (3.5J * 15, T125/80D15)
6.0J x 16-inch alloy wheels	195 / 55 R16	TMK (Tyre Mobility Kit) or Full-size or Temporary steel (3.5J * 15, T125/80D15)
6.5J x 17-inch alloy wheels	205 / 45 R17	TMK (Tyre Mobility Kit) or Full-size or Temporary steel (3.5J * 15, T125/80D15)

Exterior (mm)

Overall length	4,065
Overall width	1,760 (excluding door mirrors)
Overall height	1,529
Wheelbase	2,570
Ground clearance	160
Front overhang	843
Rear overhang	652
Front track	1,517 (185/65 R15) / 1,511 (195/55R16) / 1,512 (205/45R17)
Rear track	1,519 (185/65 R15) / 1,513 (195/55R16) / 1,513 (205/45R17)

Interior (mm)

Overall interior length	1,815
Overall interior width	1,436
Overall interior height	1,242

	Front	Rear
Head room	1,038	978
Leg room	1,098	794
Shoulder room	1,365	1,350
Hip room	1,301	1,252

Luggage area (mm)

Floor length	722
Width	1,050
Height	582
Upper length	400
Tailgate aperture width	1,027
Tailgate aperture length	688
Tailgate opening above ground	765

Capacities (litres)

Fuel tank	50 (Gasoline and diesel models)
Luggage (VDA)	326 - rear seats in place 1,042 - rear seats folded

Weights (kg)

	Petrol			Diesel
Engine	1.4 (100 PS)	1.0 T-GDI (100 PS)	1.0 T-GDI (120 PS)	1.4 (90 PS)
Minimum curb	1,050	1,085	1,090	1,175
Maximum laden	1,195	1,181	1,235	1,295
Min. payload	425	429	415	405
Max. payload	570	525	560	525
Gross weight	1,620	1,610	1,650	1,700
Roof load	70	70	70	70

-Ends-

About Hyundai Motor

Established in 1967, Hyundai Motor Company is committed to becoming a lifetime partner in automobiles and beyond. The company leads the Hyundai Motor Group, an innovative business structure capable of circulating resources from molten iron to finished cars. Hyundai Motor has eight manufacturing bases and seven design & technical centers worldwide and in 2014 sold 4.96 million vehicles globally. With almost 100,000 employees worldwide, Hyundai Motor continues to enhance its product line-up with localized models and strives to strengthen its leadership in

clean technology, starting with the world's first mass-produced hydrogen-powered vehicle, ix35 Fuel Cell.

About Hyundai Motor Europe

In 2014, Hyundai Motor Europe achieved registrations of 424,467 units - an increase of 1% compared to 2013. Almost 95% of the vehicles Hyundai sells in the region are designed, engineered and tested in Europe to meet the needs of European customers. And 90% are built at its two local factories in the Czech Republic and Turkey, which have a combined annual capacity of 500,000 units. Hyundai sells cars in 31 European countries across 2,500 outlets.

Hyundai offers its unique Five Year Unlimited Mileage Warranty package with all new cars sold in the region, providing customers with a five-year warranty with no mileage limit, five years of roadside assistance and five years of vehicle health checks.

More information about Hyundai Motor Europe and its products is available at www.hyundai.news. Follow Hyundai Motor Europe on Twitter [@HyundaiEurope](https://twitter.com/HyundaiEurope) and Instagram [@HyundaiEurope](https://www.instagram.com/HyundaiEurope).

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