

## **New IVECO Cursor range ups sustainability and performance**

*IVECO's global tagline 'Your Partner for Sustainable Transport' is holding true in Australia, with the company's new Stralis X-Way models meeting stringent Euro 6 emissions standards, years before being mandated in this country.*

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The new Stralis X-Way range joins existing IVECO Euro 6-rated vehicles including the latest Eurocargo medium duty range and selected Daily light commercial and minibus models.

On offer across the Stralis X-Way range are three engine options.

All of the engines are common rail and include new rings and re-profiled pistons with lower tangential load to reduce engine friction without increasing engine oil consumption. Engine structures such as the cylinder head, block, pistons, connecting rods and crankshafts have also been revised to improve engine structure and to provide for higher peak cylinder pressures.

Fuel injection across the range comes courtesy of a new generation common rail system with multiple injections for a more efficient combustion process – injection pressures have also been raised to 2200 bar.

As well as providing additional torque particularly at lower rpm and improving overall engine flexibility, the higher injection pressure also help reduce particulate matter, while the manner in which the new injectors and relative rail are integrated into the engine cylinder have lead to a one dBA reduction in engine noise compared to the already quiet Euro 5 variants.

The engines meet the stringent Euro 6 measure through the use of IVECO's unique Hi-eSCR system as featured in the latest Eurocargo.

Hi-eSCR is a single after-treatment system featuring passive DPF (Diesel Particulate Filter) – DPF regeneration does not require driver intervention. Other benefits of the technology is that it's uncomplicated and efficient, and provides many benefits compared to EGR and SCR equivalents, including reduced fuel consumption and a lower tare weight.

The technology is unique to IVECO and patented to FPT Industrial. Other key benefits of Hi-eSCR include: no combustion products back into the cylinders, no additional cooling



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requirements, long DPF drain intervals, more power and torque density and lower specific fuel consumption (g/KWh).

The new engine range begins with the common rail Cursor 9, an 8.7 litre unit developing 360 hp at between 1600 and 2200 rpm and 1650 Nm of torque at between 1200 to 1530 rpm. This powerplant replaces the previous Euro 5 Cursor 8 and delivers the same horsepower as its predecessor but with an additional 150 Nm of torque.

Next up in the engine range is the common rail Cursor 11, an 11.1 litre engine that develops 460hp at between 1500 to 1900 rpm and 2150Nm of torque from an extremely low 925 to 1500 rpm. The engine replaces the previous Euro 5 Cursor 10 and provides an extra 50 Nm of torque.

At the top of the new engine range is the common rail Euro 6 version of the Cursor 13 – it's a 12.9 litre unit developing 510 hp at between 1600 and 1900 rpm (10 hp than the engine it replaces) while torque remains the same at 2300 Nm from a low 900 to 1525 rpm.

The new Cursor 11 and 13 powerplants make the transition from the previous Variable Geometry Turbo to a new Garrett electronic Variable Geometry Turbo (eVGT), providing a number of performance efficiencies.

The units feature electronic actuators controlled directly by the engine ECU and provides immediate response at low engine speed, hence peak torque in the engines coming on from only starting from only 925 and 900 rpm respectively.

Other benefits include improved air induction, easier fault diagnosis and a significantly higher contribution to engine braking performance.

All engines are equipped with a new exhaust flap located in the exhaust manifold, the exhaust flap anticipates the activity of the after-treatment devices by increasing the temperature of the exhaust gas more quickly therefore allowing the SCR system to reach optimum working temperature faster, for increased efficiency.

The combination of the exhaust flap and eVGT delivers Stralis X-Way models with a 30 per cent improvement in engine braking capacity, potentially reducing the need to apply the service brake, leading to a longer life for discs and pads.

Compared to Euro 5 requirements, the Euro 6 engines in the new Stralis X-Way range provide a 50 per cent reduction in PM and an 80 per cent reduction in NOx, while hydrocarbon emissions have also been slashed.

The latest generation Cursor engines continue to boast generous oil change intervals of up to 75,000 kilometres depending on the application.

## **IVECO Australia**

*Iveco Australia manufactures and imports commercial vehicles spanning the light, medium and heavy duty truck segments and, under the Iveco Bus brand, buses and coaches. The commercial vehicle range includes on and off-road models beginning with car licence vans, through to prime movers rated at up to 90 tonnes GCM. The ACCO and Powerstar vehicles, developed and produced specifically for the Australian market, complement Iveco's worldwide best sellers such as the Daily, Eurocargo, Trakker and Stralis. Iveco vehicles are ably supported by a dedicated network of 50 dealerships and service outlets strategically located nationwide, offering aftersales services that include extended warranties, roadside assistance and programmed maintenance contracts.*

*Iveco's Australian manufacturing base in Dandenong Victoria, represents a major investment in the local truck and bus industry. Iveco directly employs around 600 people nationwide and thousands more Australians in related industries, from retailing operations to component suppliers.*

*Iveco is a brand of CNH Industrial N.V., a World leader in Capital Goods listed on the New York Stock Exchange (NYSE: CNHI) and on the Mercato Telematico Azionario of the Borsa Italiana (MI: CNHI). Iveco designs, manufactures and markets a wide range of light, medium and heavy commercial vehicles, off-road trucks, and vehicles for applications such as off-road missions.*

*The brand's wide range of products include the Daily, a vehicle that covers the 3 – 7 ton vehicle weight segment, the Eurocargo from 6 – 18 tons, the Trakker (dedicated to off-road missions) and the Stralis, both over 16 tons. In addition, the Iveco Astra brand builds off-road trucks, rigid and articulated dumpers as well as special vehicles.*

*Iveco employs close to 21,000 individuals globally. It manages production sites in 7 countries throughout Europe, Asia, Africa, Oceania and Latin America where it produces vehicles featuring the latest advanced technologies. 4,200 sales and service outlets in over 160 countries guarantee technical support wherever an Iveco vehicle is at work.*

For further information about Iveco: [www.iveco.com](http://www.iveco.com)

For further information about Iveco Australia: [www.iveco.com.au](http://www.iveco.com.au)

For further information about CNH Industrial: [www.cnhindustrial.com](http://www.cnhindustrial.com)

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