

# STRALIS X-WAY RANGE



# STRONG FOUNDATIONS

## SUPPORTING LOCAL MANUFACTURING

The new IVECO Stralis X-Way range is proudly manufactured in Melbourne, Australia alongside IVECO's other locally-built models including Stralis AS-L and AT variants and ACCO.

IVECO and parent company CNH Industrial, are committed to local manufacturing and have invested heavily in their Dandenong facility making the necessary changes in plant infrastructure to allow production of advanced Euro 6 models such as the Stralis X-Way.

IVECO has also upskilled its workforce, providing it with the knowledge to build, manufacture and support its evolving vehicle ranges.

At its Australian head office and manufacturing facility, IVECO employs over 200 staff across manufacturing, engineering, sales and marketing functions.

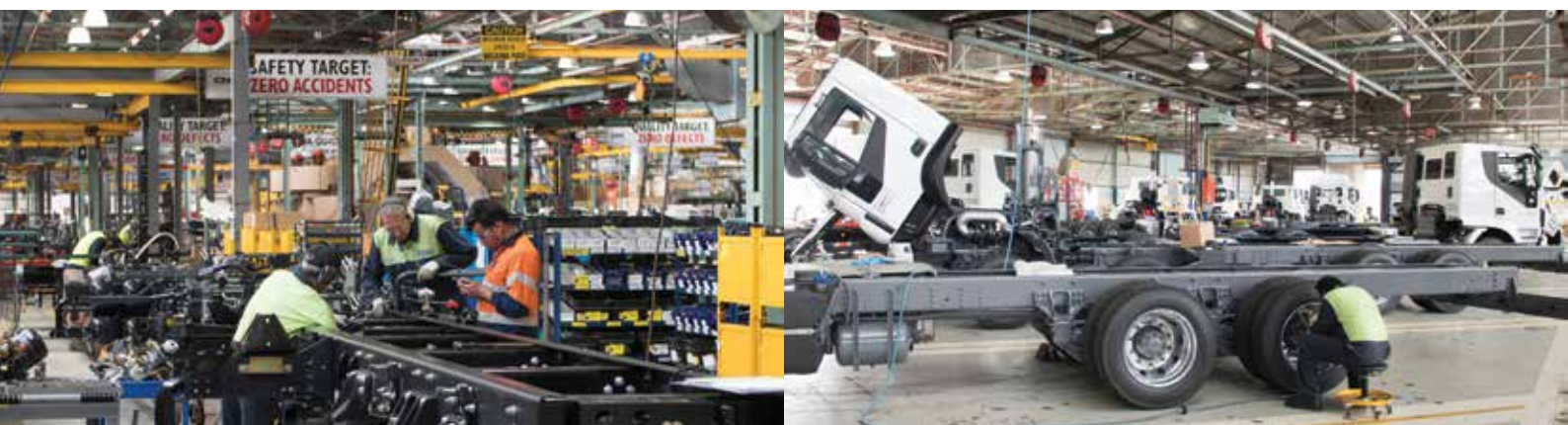
As well as these direct jobs, the company also has strong links to the broader nationwide supply chain of over 200 businesses, resulting in employment of hundreds more Australian manufacturing workers.

## LOCAL DEVELOPMENT AND TESTING

The Stralis X-Way project marks the culmination of a four year engineering program between IVECO Australia and IVECO's global engineering centre, resulting in models that combine extensive local development with the latest innovative technologies from Europe. The new models have undergone extensive testing in Australia and in Europe over three years with outstanding results.

## TOTAL SUPPORT FOR YOUR IVECO TRUCKS

Purchasing a truck is a significant investment, and IVECO is committed to ensuring the purchase and maintenance of your vehicle is smooth and hassle-free. Our Customer Care Centre, 1800 4 IVECO (1800 448 326), is open 7 days a week, 24 hours a day, 365 days a year. All IVECO vehicles are supported by a professional and expansive national Dealer Network comprising over 60 conveniently-located outlets. To provide owners with greater flexibility, value and convenience, IVECO can even tailor fixed price servicing packages to suit customer requirements through the Programmed Maintenance initiative. And for added peace of mind, IVECO also offers owners complimentary 24/7 Roadside Assistance for the duration of the vehicle warranty period.





# STRALIS X-WAY OVERVIEW



The new Euro 6 Stralis X-Way range provides transport operators with a selection of models that emit fewer emissions, consume less fuel and are equipped with an extensive collection of new safety features.

The range comprises the 6x4 AD/AT and 6x4 AS prime mover models as well as 6x4 AD/AT, 8x4 AD/AT and 8x4 AS rigid. The prime movers feature GVMs of 25 tonnes and GCMs of 45 tonnes while the rigid range between 25 and 30 tonnes GVM and 40 to 45 tonnes GCM\*.

\* Higher GCM's are available on application, on all models.

At the heart of the vehicles are new Cursor 9, 11 and 13 common rail engines with additional power and torque. Outputs range from 310 hp and 1300 Nm for the entry level Cursor 9 to 510 hp and 2300 Nm for the Cursor 13.

With its superior safety features, environmental performance, IVECO's well known comfort benefits and low cost of ownership, the new Stralis X-Way is ideal for a range of inter and intrastate applications along with metropolitan and urban delivery work.



# MODEL BREAKDOWN



## PRIME MOVER

The Stralis X-Way 6x4 prime mover is available in three main variants 'AD' (Active Day), 'AT' (Active Time) and 'AS' (Active Space). AD is a day cab only; AT provides a comfortable sleeping compartment for occasional overnight driving and AS is the largest of the cabins with additional space better suited for spending a longer time on the road.

All prime mover models have GVMs of 25 tonnes and GCMs of 45 tonnes and are available in two wheelbases: 3900 or 4200mm.

AT and AD variants are powered by the new Euro 6 IVECO Cursor 11 common rail engine that develops 460hp at between 1600 to 1900 rpm and 2150Nm of torque from a low 925 to 1500 rpm.

The AS model is equipped with the larger Euro 6 Cursor 13 common rail engine producing 510 hp at between 1600 and 1900 rpm with generous torque of 2300 Nm from 900 to 1525 rpm, ensuring plenty of power early in the rev range.

All models are coupled to IVECO's new Hi-Tronix automated manual transmission, a 12-speed, direct drive unit that delivers fast gear changes and which can more efficiently select the correct ratio for the conditions.

Ensuring a smooth and comfortable ride across the prime mover range are rear 8 bag Electronically Controlled Air Suspension (ECAS) and front parabolic springs.

## RIGID

There's even more choice in the Stralis X-Way rigid range with a selection of both 6x4 and 8x4 variants on offer. Depending on the model selected, multiple wheelbases available from 5450, 5720, 5800, 6300, 6400 and 6520mm.

The 6x4 is available with AD or AT cabin and both are powered by the new Euro 6 Cursor 9, an 8.7 litre common rail unit developing 360 hp at between 1600 and 2200 rpm and 1650 Nm of torque at between 1200 to 1530 rpm.

If an 8x4 is required, there are AS, AT and AD cabins on offer. AT and AD models are powered by the same new Euro 6 IVECO Cursor 11 common rail engines as prime mover variants, featuring 460hp at between 1600 to 1900 rpm and 2150Nm of torque.

The AS is equipped with the Euro 6 Cursor 13 common rail engine producing 510 hp at between 1600 and 1900 rpm and torque of 2300 Nm at between 900 to 1525 rpm.

All 8x4 models also feature the new Hi-Tronix AMT as used in the prime movers; the rear 8 bag Electronically Controlled Air Suspension (ECAS) is also shared, the 8x4 receives an upgraded front ECAS suspension while the 6x4 AD/AT features a pneumatic rear suspension and standard front parabolic.



# STRALIS X-WAY PERFORMANCE

## EURO 6 EMISSION RATING

The new range of Euro 6 IVECO Cursor engines are some of the cleanest available in the heavy duty truck market in Australia. Although the stringent Euro 6 emissions measure is not mandated in Australia, in keeping with IVECO's global focus on sustainability, the company is introducing this technology early providing Australian operators with a range that emits less while also improving fuel efficiency according to internal testing.

The engines meet the stringent Euro 6 measure through the use of IVECO's unique Hi-SCR system as featured in the latest Eurocargo. Hi-SCR is a single after-treatment system featuring passive DPF (Diesel Particulate Filter) – DPF regeneration occurs continuously. Other benefits of the technology are its uncomplicated design (compared to EGR and SCR equivalents), reduced fuel consumption and lower tare weight.

## CURSOR ENGINE RANGE

On offer across the Stralis X-Way range are three common rail engine options. The new engine range begins with the 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.

Next up is the Cursor 11, an 11.1 litre engine that develops 460hp at between 1600 to 1900 rpm and 2150Nm of torque from an extremely low 925 to 1500 rpm. At the top of the range is the Euro 6 version of the Cursor 13 – it's a 12.9 litre unit developing 510 hp at between 1600 and 1900 rpm and torque of 2300 Nm from a low 900 to 1525 rpm.

The new Cursor 11 and 13 powerplants feature a new Garrett electronic Variable Geometry Turbo (eVGT), that provides a number of performance efficiencies including immediate response at low engine speed.

All engines 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 Bosch common rail system with multiple injections for a more efficient combustion process – injection pressures have also been raised to 2200 bar.



## HI-TRONIX – A SMARTER TRANSMISSION

Complementing the engines is IVECO's new Hi-Tronix automated manual transmission, a 12-speed, direct drive unit that delivers fast gear changes and also has the ability to more efficiently select the correct ratio for the conditions. As well as delivering more efficient vehicle performance, the Hi-Tronix can achieve an extended life (up to 80 per cent) compared to other AMTs, for durability of up to 1.6 million kilometres leading to lower vehicle cost of ownership.

For greater flexibility across a range of applications, the Hi-Tronix is equipped with 'Rocking' and 'Creeping' modes as well as four reverse gears. Constructed with longevity in mind, combining the Hi-Tronix with the Cursor engine's long oil change intervals and fuel efficiency, provides the owner with a low total cost of ownership. Couple this with IVECO's generous 500,000 kilometre/ 2-year standard warranties and the new Stralis X-Way range makes perfect sense.

## FUEL SAVING FEATURES

The Stralis X-Way introduces a range of fuel-saving measures including 'Ecoswitch', 'Ecofleet', 'Ecoroll', 'Gap Setting' and engine anti-idling.

When Ecoswitch is engaged, the speed limiter is set to the default mode of 95 kilometres per hour (speed can be adjusted), the engine's torque is also automatically cut depending on the vehicle load and the kick-down function is disabled.

The optional Ecofleet function is activated through the Eco-switch and it restricts manual gear changes to only allow a manual starting gear correction from standstill (below 30km/h). For all other operational conditions, the Hi-Tronix selects the most fuel efficient gear for the terrain and according to the truck's payload.

Ecoroll is a feature that disengages the driveline to use vehicle inertia when travelling downhill, helping retain the truck's kinetic energy for longer and can even slightly increase it by reducing the engine drag torque.

Any input from the driver on the controls during Ecoroll, ends the rolling function. Ecoroll is only operational between 50 and 92 kilometres per hour. Working in conjunction with the Adaptive Cruise Control, Gap Setting allows for a speed (+/-) variance versus the cruise control set speed, letting the truck operate within these broader parameters to exploit the vehicle's momentum. The fuel saving potential is dependent on this gap setting. A recommended value of +5/-5 kilometres per hour yields the best results. Fuel saving is also possible using the Stralis X-Way's Driving Style Evaluation (DSE) software as part of the optional IVECONNECT multi-media system.



# ADVANCED SAFETY

The Stralis X-Way range introduces advanced new technology designed to protect the driver and other road users, positioning IVECO as a segment leader in safety.

## STANDARD SAFETY FEATURES ON ALL PRIME MOVER AND RIGID MODELS ARE:

- Electronic Braking System (EBS)
- Brake Assistance System (BAS)
- Electronic Stability Program (ESP)
- Anti-Slip Regulation (ASR)
- Anti-Rollback Hill Holder (ARB)
- Adaptive Cruise Control (ACC)
- Advanced Emergency Braking System (AEBS)
- L.E.D daytime running lights (DRLs)

While equipment such as ABS, ESP and Hill Holder has become known by the market, trucks featuring EBS, BAS, ACC, AEBS and DAS are more uncommon.

EBS incorporates both Direct Braking Integration and Brake Assistant System. Direct Braking Intervention coordinates and distributes the necessary braking forces between the wheel brakes, engine brakes and intarder (if option selected) to provide smooth and superior overall braking performance. Depending on the load conditions, the engine brake and intarder are then also activated when braking by pressing the brake pedal itself.

The Brake Assistance System is a device that generates the maximum available braking power when the pressure applied to the brake pedal by the driver is insufficient.

If the brake is applied during an emergency situation – recognised by the vehicle sensors at the brake pedal – and detected to be insufficient to engage ABS, the Brake Assistance System instantly increases the required pressure to engage ABS to shorten the vehicle's stopping distance as much as possible.

AEBS helps to avoid accidents caused by driver distraction.

Using a radar integrated into the front of the truck, the system measures the distance to the vehicle in front and calculates the time remaining to take action before a potential collision.

Before the emergency brakes engage, the driver is given an audible warning, if driver input isn't received, the vehicle will then give a haptical warning (short brake application), followed by full application of the brakes.

This same AEBS radar is also used by the ACC system to adjust the truck's speed by maintaining a safe distance to the vehicle in front.

As well as this long list of standard safety features, models can also be specified with optional Lane Departure Warning (LDW).

Thanks to a windscreen-mounted camera, LDW recognises the road markings and sounds an audible warning (rumble strip sound) if the vehicle is moving from its lane (without indicators engaged).

DAS checks the driver's attention by analysing steering wheel movements, if a state of drowsiness is detected a message appears on the screen and an audible signal is issued.

The TPMS automatically monitors the tyre pressures using wheel mounted modules that wirelessly transmits the details to the instrument cluster display, alerting the driver of any issues.



# HIGH LEVEL COMFORT

There are three cabin options available in the new Stralis X-Way range, 'AD' (Active Day), 'AT' (Active Time) and 'AS' (Active Space) – each is extremely well appointed, providing the operator with a quiet, relaxed and a comfortable working environment.

Long renowned in the industry for quality cabins, IVECO cements this reputation by introducing all the benefits of the latest Stralis X-Way cabin from Europe.

The improvements include a new instrument cluster, IVECONNECT multimedia system (optional), revised steering wheel-mounted quick menu controls plus all the features you'd come to expect in an IVECO such as climate control system, leather appointed and air suspended seats, ample storage areas and superior cabin ergonomics.

A new central locking remote control also provides a check lights function which allows the driver to check all of the exterior lights without relying on assistance from another person.

## CHOOSE YOUR OPTIONS WITH X-WAY PACKS

To provide the owner with additional flexibility allowing them to tailor specifications to suit the end application, IVECO also offers a number of safety and comfort option packs. Option packs also provide the owner with the cost benefits of grouping several of these options.

### DAY CAB PACK

- Cabin air suspension
- Auto A/C system
- Fabric suspended heated passenger seat
- Electric battery cut-out

### SLEEPER CAB PACK

- Cabin air suspension
- Auto A/C system
- Fabric suspended heated passenger seat
- Servo assisted cabin tilting
- Fridge
- Electric battery cut-out

### SAFETY PACK

- Xenon headlight and headlamp washers
- Tyre pressure monitoring system (TPMS)
- Additional Head & Fog Lights





# STRALIS X-WAY



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# IVECO

Your partner for sustainable transport

IVECO Trucks Australia Limited. A.B.N. 86 004 065 061 Princes Hwy, Dandenong, Victoria 3175 P.O. Box 117 Dandenong, Victoria 3175 Telephone: (03) 9238 2200 [www.iveco.com.au](http://www.iveco.com.au) The information in this document was correct at the time of printing. All weights and dimensions are approximate only. If an exact weight or dimension is required please contact your local authorised IVECO Dealer. Always consult an authorised IVECO Dealer for the latest information on the vehicle before deciding to place an order. Overseas images are shown throughout this document. Images in this document may show equipment not included in the standard vehicle and are subject to availability. We reserve the right to amend any part of this document without notice. IVECI640.11/18