

NEW EURO CARGO E6



PERFECT IN EVERY SITUATION

IVECO



EURO VI ENGINES AND PERFORMANCE



EURO VI ENGINES AND PERFORMANCE

On board the New Eurocargo Euro VI, the real innovation is IVECO's technological know-how. **The new Tector 5 and Tector 7 engines have two key strengths at their disposal: flexibility and HI-eSCR technology.**

The HI-eSCR catalytic reduction system, covered by an FPT INDUSTRIAL patent, enables Eurocargo to meet Euro VI limits without recourse to EGR (exhaust gas recirculation). This is one of the new features that set Eurocargo apart from its competitors: a single emissions abatement system that does not affect the combustion process, does not require an auxiliary cooling system and does not impose constraints on vehicle architecture or costs. All of this translates into fuel consumption in line with Euro V, and improved performance compared with the previous-generation engines. The new technology represents a significant innovation with zero impact on engine architecture. What's more, the consistently high torque values over a broad band of

engine speeds delivers a smooth ride, fewer gear changes, less engine wear and better energy efficiency. This helps meet the needs of even the most demanding customers, and makes Eurocargo a new benchmark in its class.

Eurocargo's diesel engines are turbocharged **Common Rail** units with waste-gate, and come in two displacements (4.5-litre 4-cylinder and 6.7-litre 6-cylinder) and **seven power ratings** (from 160 to 320 HP, with maximum torque of 580 to 1,100 Nm).

Peak efficiency is reached with the «Top Power» 4-cylinder, 210 HP engine, with maximum torque of 750 Nm. This represents the ideal solution for a market segment which, under Euro V, was covered by the 6-cylinder, 220 HP engine, and which can now benefit from the lower fuel consumption and lower weight of a 4-cylinder engine without compromising on performance and with an increase in maximum torque.

Thanks to the increased torque and power of the new engines, the new Eurocargo Euro VI range can handle increased trailer weights too. For 8- to 12-tonne versions, trailer weight rises from 16,500 kg to 18,000 kg, even with a 6-speed automated gearbox; and for versions over 15 tonnes, it increases from 32,500 kg to 35,000 kg.

EURO VI ENGINES	N. CYLINDERS	DISPLACEMENT	POWER	MAX TORQUE
TECTOR 5	4 IN LINE	4.5 LITRES	118 Kw (160 HP) to 2500 Rpm	580 Nm from 1250 to 1950 Rpm
			137 Kw (190 HP) to 2500 Rpm	680 Nm from 1250 to 1900 Rpm
			152 Kw (210 HP) to 2500 Rpm	750 Nm from 1400 to 1800 Rpm
TECTOR 7	6 IN LINE	6.7 LITRES	162 Kw (220 HP) to 2500 Rpm	800 Nm from 1250 to 1900 Rpm
			185 Kw (250 HP) to 2500 Rpm	850 Nm from 1250 to 2050 Rpm
			206 Kw (280 HP) to 2500 Rpm	1000 Nm from 1250 to 1950 Rpm
			235 Kw (320 HP) to 2500 Rpm	1100 Nm from 1250 to 1900 Rpm

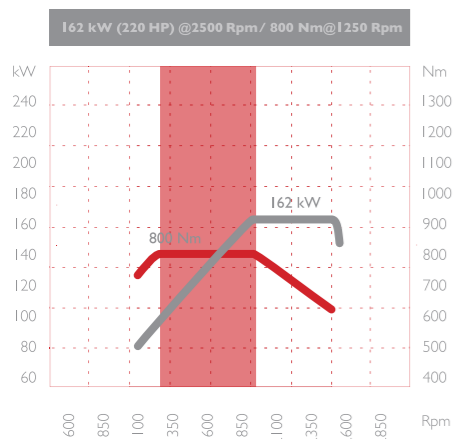
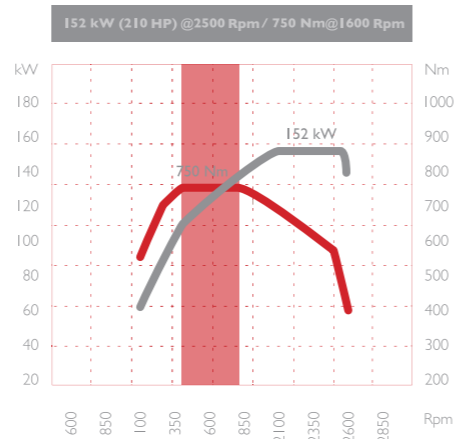
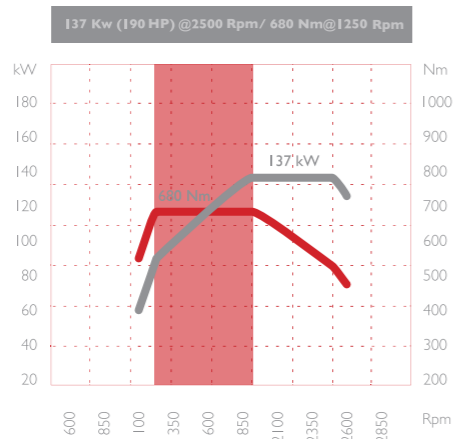
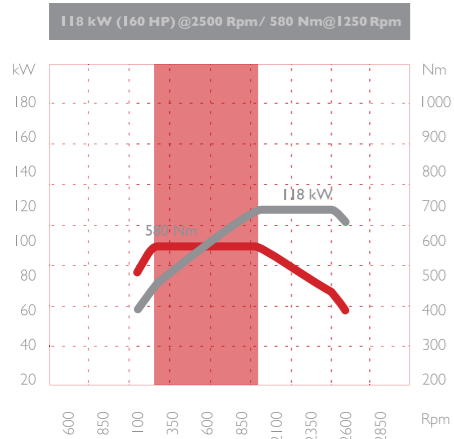
HI-eSCR



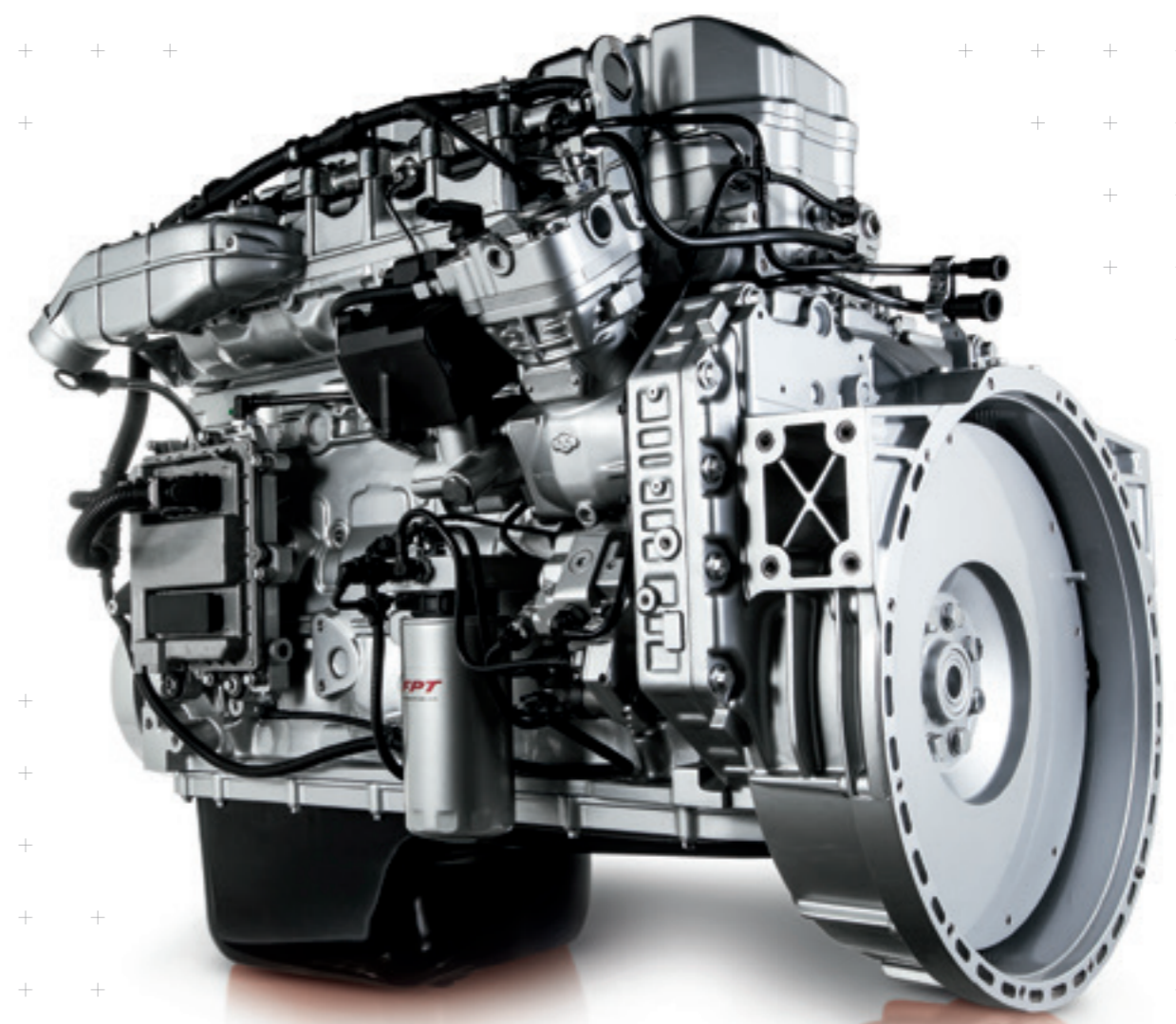
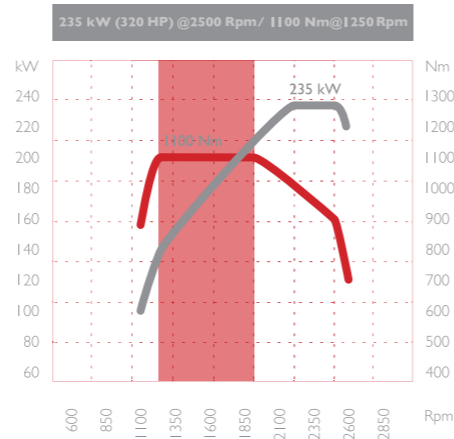
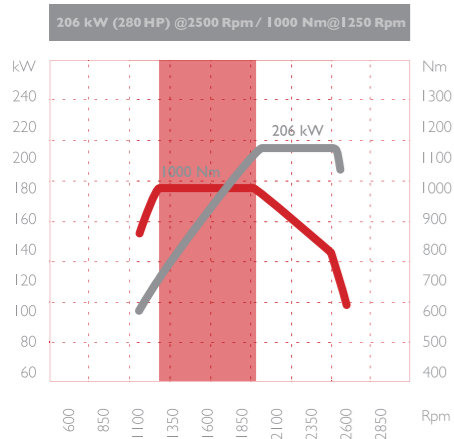
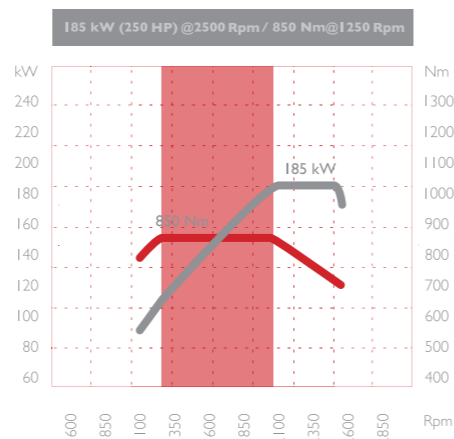
EURO VI ENGINES AND PERFORMANCE

EURO VI

tector 5 IVECO



tector 7 IVECO



HI-eSCR





VERSATILITY



VERSATILITY

THE RANGE



CAB WITH 1 ACCESS STEP, 6 TO 12 TONNES

MODEL	GVW (KG)	MAX GCW (KG)	VERSION			CABS			ENGINES						GEARBOXES					SUSPENSIONS			WHEELBASES (MM)
			Std	R (Dowing version)	K (Tipper)	Short	Long	Double	TECTOR 5			TECTOR 7			Manual		Automated	Automatic	Mechanical	Pneumatic rear	Full pneumatic		
									160 HP	190 HP	210 HP	250 HP	280 HP	320 HP	5	6	9	6				5	
65E	7000	16500	•		•	•	•		•							•	•		•	•		3105-3330-3690-4185-4455-4815	
75E	7500		•	•	•	•	•		•	•	•					•	•		•	•		3105-3330-3690-4185-4455-4815	
80EL	8000		•	•	•	•	•		•	•	•					•	•		•	•		3105-3330-3690-4185-4815	
80E	8000	18000	•	•	•	•	•	•		•	•					•	•		•	•	•	3105-3330-3690-4185-4455-4815	
90E	9000		•	•	•	•	•	•		•	•					•	•		•	•	•	3105-3330-3690-4185-4455-4815	
100E	10000		•	•	•	•	•	•		•	•					•	•		•	•	•	3105-3330-3690-4185-4455-4815	
110EL	11000	18000	•	•	•	•	•			•	•					•	•		•	•		3105-3330-3690-4185-4455-4815	
120EL	12000		•	•	•	•	•	•		•	•					•	•		•	•		3105-3330-3690-4185-4455-4815	



CAB WITH 2 ACCESS STEPS, 12 TO 19 TONNES

MODEL	GVW (KG)	MAX GCW (KG)	VERSION			CABS			ENGINES						GEARBOXES					SUSPENSIONS			WHEELBASES (MM)
			Std	R (Dowing version)	K (Tipper)	Short	Long	Double	TECTOR 5			TECTOR 7			Manual		Automated	Automatic	Mechanical	Pneumatic rear	Full pneumatic		
									160 HP	190 HP	210 HP	250 HP	280 HP	320 HP	6	9	6	12				5	
120E	12000	26000	•	•	•	•	•	•		•	•	•	•			•	•	•	•	•		3105-3690-4185-4455-4815-5175-5670-6570	
140E	14000		•	•	•	•	•	•		•	•	•	•			•	•	•	•	•		3105-3690-4185-4455-4815-5175-5670-6570	
150E	15000	35000	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•		3105-3690-4185-4455-4815-5175-5670-6570	
160E	16000		•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•		3105-3690-4185-4455-4815-5175-5670-6570	
180E	18000	35000	•	•	•	•	•					•	•	•	•	•	•	•	•		3690-4185-4590-4815-5175-5670-6210-6570		

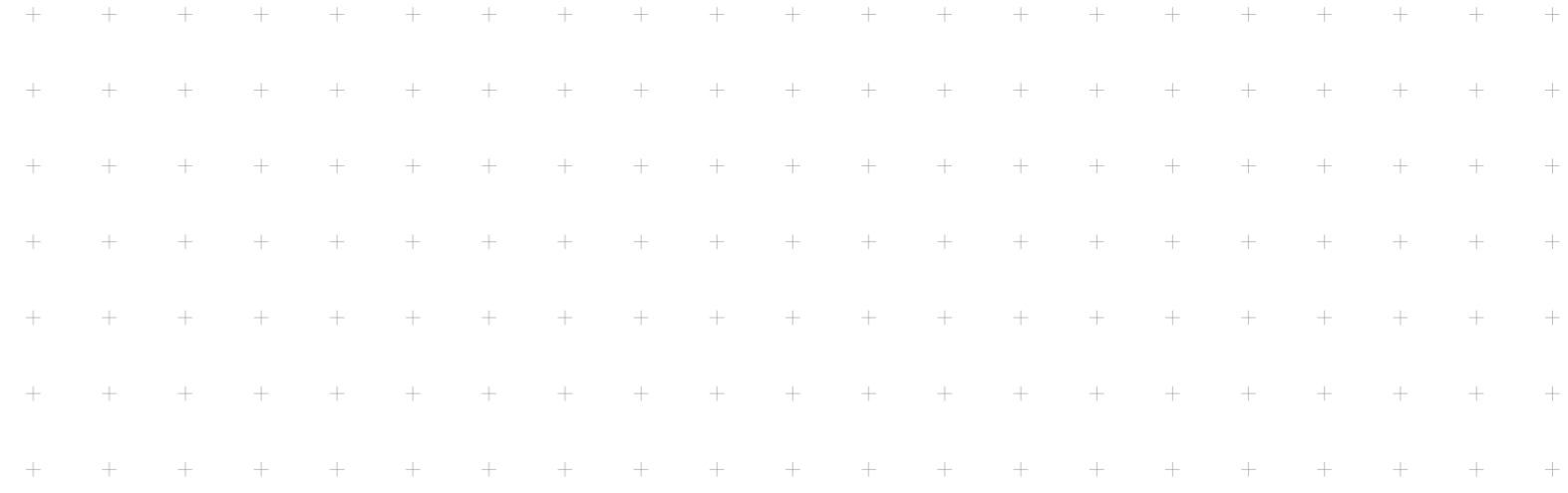


4x4 WITH 2 ACCESS STEPS, 11.5 TO 15 TONNES

MODEL	GVW (KG)	MAX GCW (KG)	VERSION			CABS			ENGINES							GEARBOXES		SUSPENSIONS		WHEELBASES (MM)	
			Std	R (Dowing version)	K (Tipper)	Short	Long	Double	TECTOR 5			TECTOR 7				Manual		Parabolic	Reinforced		
									160 HP	190 HP	210 HP	220 HP	250 HP	280 HP	320 HP	6	6+PTO				
110E	11500	21000	•	•	•	•	•					•	•			•	•	•	•		3240-3690-3915-4150
150E	15000	24000	•	•	•	•	•						•	•		•	•	•	•		3240-3690-3915-4150



VERSATILITY





VERSATILITY

EUROCARGO 4x4

MODEL	WHEELS TWIN 10R22.5				WHEELS SINGLE 365/80R20				WHEELS TWIN 10R22.5				WHEELS SINGLE 395/85R20				WHEELS SINGLE 14R20			
	3240	3690	3915	4150	3240	3690	3915	4150	3240	3690	3915	4150	3240	3690	3915	4150	3240	3690	3915	4150
Wheelbase (mm)	3240	3690	3915	4150	3240	3690	3915	4150	3240	3690	3915	4150	3240	3690	3915	4150	3240	3690	3915	4150
Ramp breakover angle (degrees)	21	19	18	18	22	20	19	19	21	19	18	18	22	22	21	21	23	23	22	22
Departure angle (degrees)	15	15	15	11	17	17	17	12	16	16	16	11	16	16	16	12	17	17	17	13
Approach angle (degrees)	28				29				28				31				32			
Ground clearance	321				351				337				392				428			
Lateral gradient (degrees)	30				28				30				28				26			
Maximum climbable gradient ON ROAD	41%				38%				38%				33%				31%			
Maximum climbable gradient OFF ROAD	>100%				>100%				>100%				>80%				>74%			
Wading depth up to (mm)	473				501				489				542				578			

With Eurocargo 4x4, strength knows no limits.

Designed for the most demanding off-road work, Eurocargo 4x4 incorporates a specific series of solutions for protecting its structure: **steel bumpers**, retractable access steps and a **specific radiator guard**. Available with a day or sleeper cab with standard roof, it has a gross vehicle weight of 11.5 or 15 tonnes and a range of wheelbases measuring from 3,240 to 4,150 mm.

Eurocargo 4x4 mounts a Tector 7 engine in 220 and 250 HP variants on the 11.5 tonne version, and 250 and 280 HP variants on the 15 tonne version. The ZF six-speed manual gearboxes are fitted with a **servoshift system** for easy gear-changing even in the most demanding work conditions.

Permanent four-wheel drive is provided by a longitudinal differential, which distributes torque between the front and rear axles. What's more, you can select a fast or slow distributor ratio, according to conditions (on / off road). All the differentials are equipped with a manually operated locking system to ensure traction even in especially adverse, low-grip conditions. Eurocargo 4x4 is fitted with a double-reduction rear axle and is available in versions **with single or twin wheels**. Braking comes courtesy of simplex drum brakes on the rear axle and duplex drums up front, while you can specify either parabolic or semi-elliptical leaf spring suspension.

Eurocargo 4x4 is at home anywhere. The outstandingly low emissions of the engines and the excellent steering angle (from 40° to 48° depending on tyres) enable you to use it on urban construction sites too.





DESIGN



DESIGN

It's clear at first sight that Eurocargo is a solid, dynamic, modern vehicle, with an unmistakable shape and strong character. The front features an **imposing grille** equipped with non-slip steps for washing the windscreen, a bumper with built-in light clusters (grouped together for ease of maintenance) and a large space for your company's logo above the IVECO badge. The bumpers and mudguards are also available in the same colour as the body. And if you're buying your vehicle for off-road work, you can specify a one-piece steel bumper. Both sides of the sleeper cab feature remote electric hatch releases that give access to two illuminated storage boxes (with total capacity of 260 litres) even from the outside. Cab access is aided by **large handles** and **non-slip steps** for getting in and out easily and without risk. And six rear-view mirrors ensure maximum visibility in all directions.





Lefthand drive image for illustrative purposes only

COMFORT



COMFORT

Designed around driver comfort.

Climb into a Eurocargo cab, and you'll see that everything is clear, simple and in easy reach. The layout of the functions is simple and intuitive, **with all the instruments directly in front of the driver**, and all the controls in the steering wheel area. All the most frequently used buttons are grouped together on the dashboard in the most accessible positions, for maximum safety.

The gear stick is built into the compact, linear dashboard, making it quicker and easier to cross from one side of the cab to the other (essential for urban work).

The power take-offs are managed by an ECU (Expansion Module), which is operated electrically by the driver by means of a dash-mounted switch.

The new instrument panel features new graphics for displaying a wide range of useful data, so that you can keep a constant eye on all key vehicle and route parameters, such as fuel level, average and real-time fuel consumption, service deadlines, travelling times and average speed.

For top-level on-board entertainment, a new Bluetooth® radio is available, complete with:

- ⊕ Microphone built into the front control panel
- ⊕ USB interface / Aux-IN socket
- ⊕ CD, Mp3, WMA and digital format player
- ⊕ iPod and iPhone compatible, "Made for Apple" certified.

For maximum quality of life on board on every job, Eurocargo is available with 3 different types of cab:

- ⊕ **day**, for distribution and short-haul work or when body length is a priority;
- ⊕ **sleeper with standard or high roof**, for long-haul work and jobs involving overnight stops;
- ⊕ **double**, with room on board for **6 passengers plus driver** (ideal for getting work-crews to construction sites).

In all cabs, the heating and ventilation system means you can get the cab temperature you want, quickly and with optimum air distribution. A manually controlled air conditioning system and programmable supplementary heater are also available as options.

Eurocargo's seats feature integral head-restraints and seat belts, and are optionally available with air suspension. **Upholstered in cloth or imitation leather**, they ensure the highest levels of strength and practicality.



COMFORT

The sleeper cab is equipped with 1 or 2 bunks (an extra-size single bunk is available as an option) and can be fitted with a fridge or insulated cool-box. On day-cab versions with double passenger seat, the central back-rest can be folded completely flat to provide a table with cup-holder and cubby hole. The sleeping area features an adjustable lamp and a **“bed module”**, for controlling the lighting and climate control, and opening and closing the doors, windows and skylight directly from the bunk.



Lefthand drive images for illustrative purposes only



SAFETY

When it comes to commercial vehicles, safety means a lot of things: safety for the people on board, for other road-users and pedestrians, for the vehicle's cargo and for the value of your investment.

IVECO has a multiple approach to safety:

- ⊕ on the **passive safety** front, its cabs provide effective protection in the event of an impact;
- ⊕ on the **active safety** front, Eurocargo offers class-leading road-holding and braking distances;
- ⊕ and in terms of **preventive safety**, the driver-centred cab reduces fatigue and stress.

Latest-generation electronic systems also make a major contribution to safety, including the **new enhanced stability control system (EVSC)** available as an option on 7.5- to 10-tonne versions, and as standard on 11- to 18-tonne versions.



EVSC

Enhanced Vehicle Stability Control

In the event of oversteer, understeer or sudden changes in trajectory, it modulates the engine braking and brakes each wheel individually so as to stabilise the vehicle.



HILL HOLDER

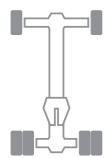
During hill-starts, Hill Holder prevents the vehicle from rolling backwards for a few seconds after you release the brake pedal.



RELIABILITY



Substantial investments have been made in automated transmissions, with the result that you can now specify a 6-speed automated transmission or the new **Eurotronic 12-speed automated transmission**, on all 6-cylinder Tector 7 engines on 12- to 19-tonne versions, including for trailer versions.

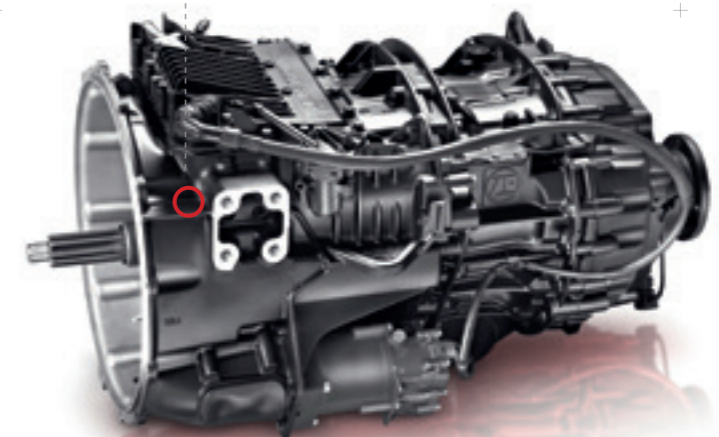


RELIABILITY

Changing gear can have a major effect on vehicle performance and fuel consumption.

Eurocargo has the answer in the form of highly flexible engines, which minimise the need to change gear, and an increasing range of automated transmissions. To meet the needs of every application as effectively as possible, Eurocargo is available with **ZF 5-, 6- and 9-speed manual transmissions; ZF 6- and 12-speed automated transmissions, and Allison automatic transmissions.**

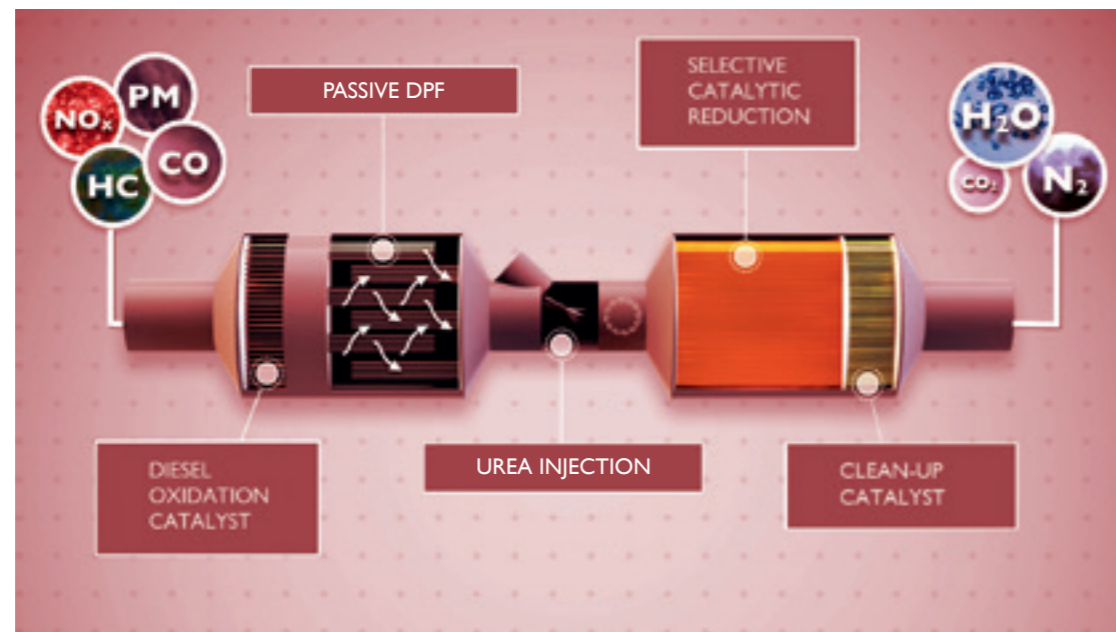
Allison automatic transmissions, with torque converter, are available on the entire 4x2 range, and offer unbeatable comfort for city use, where "stop & go" work is par for the course: since urban work involves about 1,200 gear changes a day, you can see how much stress and energy an auto box saves for the driver.





RELIABILITY

Eurocargo's reliability is also backed up by the evolution of the Tector engines. HI-eSCR technology improves performance and engine life. The new throttle valve on the exhaust line helps bring the system up to emissions abatement temperature and optimum HI-eSCR operating conditions more quickly. The increased power of the Euro VI engines is accompanied by enhanced efficiency of the engine braking.



To ensure long, trouble-free service-life, Eurocargo uses an **outstandingly strong rolled frame**, with the mechanical qualities you'd expect from a heavy vehicle, but lower tare weight.

Thanks to its **chassis frames with C-section sidemembers in high-yield-strength steel** (Fe420), it can readily withstand the stresses generated by an unbalanced load or sudden change of trajectory.

To enhance the long-term protection of metal surfaces, certain components have been improved, and anti-abrasion and anti-corrosion treatments with Tectyl are available as an option.

Eurocargo is available with **parabolic, reinforced parabolic or semi-elliptical suspension**, or **rear-air or full-air suspension** (with 2 bellows for the 7.5- to 14-tonne versions and 4 bellows for the 15- to 18-tonne versions) **with ECAS system** (Electronically-Controlled Air Suspension). ECAS ensures high levels of comfort at the wheel, and constant suspension geometry regardless of speed, load and type of road surface.

Developed on the strength of IVECO's long experience in heavy haulage, quarry and construction vehicles, **the front and rear axles and braking system** ensure high **reliability** and consistent performance over time. All 4x2 versions have **disc brakes on both axles**.

The braking system is air-hydraulic on the 7.5- to 10-tonne range and full air on the 11- to 18-tonne range. With the availability of a wide range of options, vehicle configurations can be tailored to your specific applications and most frequently used routes, thus ensuring safety and comfort in all surface conditions. The entire Eurocargo range, with Tector 5 and Tector 7, is equipped with a standard engine brake. You can also select engine-brake operating mode by means of a lever on the right of the steering column.

MODEL	MECHANICAL SUSPENSION			AIR SUSPENSION	
	PARABOLIC	REINFORCED PARABOLIC	SEMI-ELLIPTICAL LEAF SPRING	/P (REAR ONLY)	/FP (FRONT.+ REAR.)
ML75E...	●	○	○	○	
ML 80E... - ML 100E...	●	○	○	○	○
ML 120EL...	●			○	
ML 120E... - ML 140E...	●	○	○	○	○
ML 150E...	●	○	○	○	○
ML 160E...	●	○	○	○	
ML 180E...	●	○	○	○	
ML 110E... & ML 150E... - 4x4		●	○		

(●) Standard
(○) Optionals





CUSTOMER SERVICES



AFTER-SALES SERVICES

With Eurocargo, you can have all the assistance you need, thanks to the vast range of services tailored to your requirements, and IVECO's extensive geographical coverage. Your new vehicle shows total flexibility even at times of need, and will keep you going mile after mile, with absolute professionalism.



ELEMENTS

Assistance services tailored to suit every mission.

IVECO formulated ELEMENTS with one goal in mind: to provide every customer with service tailored to their needs. A wide range of planned maintenance contracts service schedules, devised to keep your vehicle in perfect shape at all times. ELEMENTS offers specialised, high-quality services designed to give EUROCARGO vehicles low running costs, long life and long-term value.



IVECO CAPITAL

IVECO CAPITAL, IVECO Group's in-house financial services arm, **offers targeted solutions for the purchase, leasing and contract hire (including R&M) of every type of vehicle,** whether new or used (including conversion). IVECO CAPITAL helps customers choose the financial product most suitable to their company's economic and fiscal profile.

IVECO CAPITAL services are available from all IVECO dealerships.



ASSISTANCE NON-STOP (ANS24)

One phone call and it's back to business. The IVECO CUSTOMER CENTER is available 24/7.

80 operators in 10 different languages, ready to activate the nearest IVECO point in order to get the vehicle back on the road as soon as possible.



SPECIALISED TECHNICIANS

An extensive, professional network for a constantly efficient vehicle.

IVECO workshops provide the manufacturer's quality combined with the skill of technicians who know your vehicle like no-one else. Specialised diagnostic and repair tools such as E.A.S.Y. and its accessories EasyScope & Easy Skite guarantee efficiency and rapidity even in indirect assistance missions (Teleservices).



ORIGIN 100% IVECO

The long-term excellence of Eurocargo's performance is assured by the use of **ORIGIN 100% IVECO** Original Parts, which are the fruit of painstaking selection of materials and suppliers, and specific, rigorous product testing.

The immense range of original products includes all **new parts** and a wide selection of **remanufactured engines, gearboxes and components.** Servicing kits designed to minimise TCO are also available with the new Euro6 range.

IVECO knows the value of your time. That's why it has an efficient, state-of-the-art original parts sourcing and distribution system, which ensures integrated re-stocking of its authorised support network, with **daily, round-the-clock deliveries, all over the world.**



With the exclusive **IVECO Accessory line,** you can customise your Eurocargo to make it unique in terms of safety, technology and comfort.

NEW EURO CARGO E6

EURO VI ENGINES AND PERFORMANCE



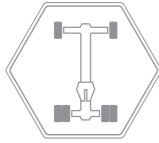
NEW TECTOR 5 AND 7 ENGINES
HI-eSCR

TOTAL COST OF OWNERSHIP AND EFFICIENCY



OPTIMISED FUEL-EFFICIENCY
LONGER SERVICE INTERVALS
EASE OF MAINTENANCE

RELIABILITY



PROVEN DRIVELINE

GEARBOXES: ZF MANUAL, EUROTRONIC AUTOMATED AND ALLISON AUTOMATIC
IVECO AND MERITOR REAR AXLES

VERSATILITY



OVER 11,000 PERMUTATIONS

3 CAB TYPES
2 ROOF HEIGHTS
13 TRANSMISSIONS
15 WHEELBASES

CUSTOMER SERVICES



ASSISTANCE NON-STOP 24/7

ELEMENTS TAILORED ASSISTANCE PROGRAMME
ORIGIN 100% IVECO PARTS
IVECO CAPITAL FINANCE SERVICES

SAFETY



ACTIVE, PASSIVE AND PREVENTIVE SAFETY
LATEST-GENERATION ELECTRONIC SYSTEMS
7.5-10 TONNES = ABS AS STANDARD.
OPTIONAL ASR AND EVSC
11-18 TONNES = EVSC AS STANDARD

COMFORT



3 CAB MODELS
ERGONOMIC POSITIONING OF INSTRUMENTS
PLENTY OF STORAGE COMPARTMENTS

DESIGN



ITALIAN STYLE
AERODYNAMIC EFFICIENCY





PERFECT IN EVERY SITUATION



NEW EURO CARGO E6 COLOURS



50126
MARANELLO RED



50105
WHITE



50174
GRENADA RED



50162
MINERAL GREY



50173
ALPINE WHITE



50177
ALSACE GREEN



50178
MARRAKESH YELLOW



50179
LYON BLUE



50180
CARRARA IVORY



50181
PRAGUE YELLOW



50182
ISTANBUL BLUE



52301
DESERT ORANGE

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