

EUROCARGO

THE TRUCK THE CITY LIKES
MUNICIPAL APPLICATIONS



IVECO

Your partner for sustainable transport



EUROCARGO

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Sustainable, efficient, manoeuvrable and versatile: the Eurocargo is the perfect truck for urban missions. From waste collection and road cleaning to road services and container applications, it can satisfy every need. Cities love the Eurocargo, Truck of the Year 2016: the truck that respects people and the environment wherever it operates, even in the busy streets of a major city.



CONTENTS

SUSTAINABILITY	4	CONTAINER APPLICATIONS	9
WASTE COLLECTION	5	DRAINAGE SERVICES	10
ROAD CLEANING	6	LINE UP	11
ROAD SERVICES	7	ENGINES	14
WINTER SERVICES	8		



SUSTAINABILITY

FOR A SUSTAINABLE TRANSPORT

IVECO has pioneered alternative traction technologies, introducing innovations and industry firsts in every segment of the market. Today it is the European market leader, and it is the only manufacturer to offer a full line of gas-powered vehicles for freight and passenger transport – from light commercial vehicles all the way up to long-haul trucks and buses.

Today Natural Gas is a mature, viable and affordable solution for sustainable transport; IVECO's Natural Power CNG technology is at the forefront of the industry, offering a cutting-edge solution that counters pollutant and noise emissions while reducing Total Cost of Ownership.



NEW EUROCARGO NATURAL POWER

The New Eurocargo, "International Truck of the Year 2016", in Natural Power version is the only CNG truck in its category and is available in versions ranging from 11 to 16 tonnes. It features a powerful six-cylinder engine that develops 210 hp and 750 Nm torque, and a choice of 9-speed manual transmission or automatic gearbox with torque converter.

The features and transport capacity of the CNG-powered New Eurocargo Natural Power are identical to those of its diesel equivalent. The gas tanks are fitted on chassis side members so they don't take up any cargo space, ensure an autonomy of 400 km.

The New Eurocargo Natural Power truly is "The truck the city likes": its extremely low emissions ensure its access to restricted traffic zones and its extraordinarily quiet operation (PIEK standard compliant) make it ideal for night-time operations.

WASTE COLLECTION

The highly-customisable chassis of the Eurocargo makes it easy to install different types of body for waste collection applications, such as side-loading compactors, rear-loading compactors, front-loading compactors and mini compactors.



MANOEUVRABILITY AND CAB FUNCTIONALITY

- Specific short wheelbase (3,105 mm);
- Turning circle of less than 11.5 m
- Allison automatic gearbox
- Maximum width of 2,300 mm for 12 tonnes version
- Ideal cab visibility and ergonomics for the driver
- Easy cross-cab access enables the driver to easily exit the vehicle from either side of the cab
- Twin passenger seat for rear loading missions
- Available also on CNG (Compressed Natural Gas)

SAFE OPERATION AND CHASSIS STRUCTURE

- Rear platform safety device set-up (Standard EN1501 compliant) for maximum operator safety
- CAN Open provision to enable body/vehicle interaction and body operation control
- Higher payload due to lightweight chassis components
- Class-leading ground clearance chassis

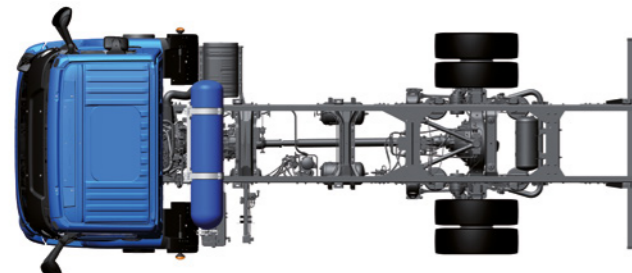


ROAD CLEANING

The Eurocargo offers a factory fitted solution for easy road-sweeper body installation (available on 15- and 16- tonnes versions).

SPECIFIC FEATURES FOR ROAD CLEANING

- Specific short wheelbases: 3,105 mm (for 6-cylinder engine)
- Short rear axle ratios available for perfect manoeuvrability in low-speed sweeping operations
- Rear cab windows for better operator visibility
- Optimised ground clearance of the available ECAS air suspension



Rack behind the cab
420 litres / Up to 300 km

EASY BODY INSTALLATION

The Eurocargo is the only vehicle in its category to offer a chassis set-up for a CNG road sweeper. This specific layout leaves the left and right side of the frame free for easy body sweeper installation.

SWEEPER PACKAGE

The specific layout for sweepers relocates the lateral components (such as air intake, batteries, fuel and urea tanks, exhaust...) behind the cab to adapt the chassis for easy sweeper body installation.



NATURAL POWER ADVANTAGES

- Low emissions: natural gas is a "clean" fuel that generates 35% less nitric nitrogen oxide (NOx) emissions and 95% less particulates compared to diesel
- Unrestricted access to restricted traffic zones
- Loading capacity equal to diesel version

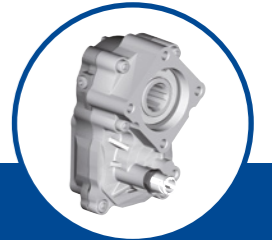
ROAD SERVICES

The Eurocargo represents the ideal vehicle for road maintenance applications, and is also suitable for the installation of a loading crane, skylifters and stabilisers behind the cab.

TIPPER EQUIPMENT

The tipper version offers specific options suitable for road service applications

- Easy-clean cab trim
- Radiator guard
- High profile tyres
- Steel front bumper
- Headlamp protection grid
- Multi leaf springs for 4x4 models and rear and front reinforced parabolic springs for 4x2 models
- Differential lock



PTOS SUITABLE FOR ROAD SERVICES

Wide range of rear and side gearbox PTOs

- **Tipper:** suitable torque 300 Nm
- **Crane:** suitable torque 400 Nm
- **Lifting Platform:** suitable torque 600 Nm



EASY BODY INSTALLATION

The components installed on the chassis (on both the right and left hand side) can be moved towards the back of the vehicle in order to fit the vehicle with a crane, stabilisers, a lifting platform or other devices behind the cab.

MLC - DAY, LOW ROOF		MLL - SLEEPER, HIGH ROOF		MLL - SLEEPER, LOW ROOF	
1 STEP	2 STEPS	1 STEP	2 STEPS	1 STEP	2 STEPS

WINTER SERVICES

The Eurocargo is engineered to operate in the most difficult driving conditions. This, together with the 4x4 wheel drive, makes it the ideal vehicle for winter service applications.

4X4 VERSION

- 4x4 version guarantees ideal traction in the most adverse low-grip and snowy conditions
- Gross Vehicle Weight of 11.5 or 15 tonnes with 6-cylinder Tector engine and a choice of 220, 250 to 280 hp variants
- Wheelbases ranging from 3,240 to 4,150 mm
- Double reduction rear axle with single or twin wheels
- Day cab or Sleeper cab with low roof
- Differential locks on front and rear axles and transfer box
- Parabolic or semi-elliptical leaf spring suspension
- The steering angle (40 to 48 degrees, depending on the tyres used) ensures manoeuvrability even on urban building sites
- Tectyl protective treatment to shield the chassis from antifreeze products



PTOS SUITABLE FOR SNOW PLOUGHS

- Sandwich PTO SAE2 for continuous & high torque operation at low engine speeds
- Engine PTO (Multipower)
- Suitable torque for snow plough: 900 Nm



CONTAINER APPLICATIONS

The Eurocargo offers excellent maneuverability, compact dimensions and great payload, making it the perfect vehicle for container applications in urban contexts.



SPECIFIC FEATURES FOR SKIP LOADER AND HOOKLIFT

- Front axle parking brake and air suspension for easy loading/unloading of the container
- Parallel main frame members for easy body installation
- The rear air suspension makes it possible to lower the rear of the vehicle for easy container loading and unloading

PTOS SUITABLE FOR CONTAINER APPLICATION

- Engine PTO (Multipower) for high power requirements and continuous running
- Wide range of rear and side gearbox PTOs
- Suitable torque for hook and skip loader: 300 Nm

DRAINAGE SERVICES

The optimal payload and chassis with no encumbrance above make the Eurocargo the perfect vehicle for easy installation of a gully cleaner body.



PTOS SUITABLE FOR GULLY CLEANER

- Sandwich PTO SAE2 for continuous & high torque operation at low engine speeds
- Engine PTO (Multipower)
- Suitable torque for gully emptier: 1,000 Nm

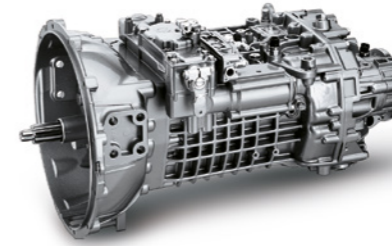
SPECIFIC FEATURES FOR GULLY EMPTIER

- ADR equipment, compliant with ADR 2017 Regulation, includes ADR specific tachograph and battery switch off
- Version 6x2 (22 tonnes GVW) with liftable and steered third axle, available on 15 and 16 tonnes versions, for outstanding manoeuvrability and big payload
- High axle load capacity for ideal load distribution

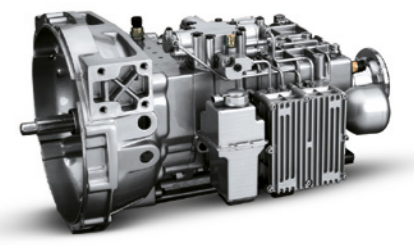
LINE UP



ALLISON AUTOMATIC



ZF MANUAL



ZF AUTOMATED

EURO III VERSION			
MODEL	GEARBOX		
	MANUAL	AUTOMATED	AUTOMATIC
110L	ZF - 6 or 9 Speed	-	-
120 - 140	ZF - 6 or 9 Speed	-	-
150H - 170H	ZF - 6 or 9 Speed	-	-
150 - 160	ZF - 6 or 9 Speed	-	Allison 5 Speed
180	ZF - 6 or 9 Speed	-	Allison 5 Speed
110W - 150W	ZF - 6 Speed (also with integrated PTO)	-	-

EURO V VERSION			
Model	GEARBOX		
	MANUAL	AUTOMATED	AUTOMATIC
110L - 120L	ZF - 6 or 9 Speed	ZF - 6 Speed	Allison 5 Speed
120 - 140	ZF - 6 or 9 Speed	ZF - 6 Speed	Allison 5 Speed
150H - 170H	ZF - 6 or 9 Speed	-	-
140 - 160	ZF - 6 or 9 Speed	ZF - 6 Speed	Allison 5 Speed
180 - 190L	ZF - 6 or 9 Speed	ZF - 6 Speed	Allison 5 Speed
110W - 150W	ZF - 6 Speed (also with integrated PTO)	-	-

MODEL	MECHANICAL SUSPENSION			AIR SUSPENSION
	PARABOLIC	REINFORCED PARABOLIC	SEMI-ELLIPTICAL	/P (ONLY REAR)
110L-120L	●	-	-	○
120-140	●	○	○	○
150	●	○	○	○
150H	-	-	●	-
160	●	○	○	○
170H	-	-	●	-
180-190L	●	○	○	○
110W - 150W	-	○	○	-

● Standard ○ Optionals - Not available

LINE UP

EURO III



4X2 SINGLE REDUCTION

EURO III VERSIONS														
MODEL	GVW (kg)	MAX GCW (kg)	VERSION			CAB		ENGINE				GEARBOX		WHEELBASES (mm)
			Std	R (towing)	K (tipper)	Short	Long	TECTOR 6				ZF Manual	ALLISON Automatic	
								180 hp	220 hp	240 hp	280 hp			
110L	11,000	18,000	●	●	-	●	●	●	●	-	-	●	-	3,105 - 3,330 - 3,690 - 4,185 - 4,455 - 4,815
120	12,000	26,000	●	●	●	●	●	-	●	●	●	●	-	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
140	14,000		●	●	●	●	●	-	●	●	●	●	-	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
150	15,000	32,500	●	●	●	●	●	-	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
160	16,000		●	●	●	●	●	-	●	●	●	●	-	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
180	18,000		●	●	●	●	●	-	-	●	●	●	●	3,690 - 4,185 - 4,590 - 4,815 - 5,175 - 5,670 - 6,210 - 6,570

EURO V



4X2 SINGLE REDUCTION

EURO V EEV VERSIONS																		
MODEL	GVW (kg)	MAX GCW (kg)	VERSION			CAB			ENGINE				GEARBOX			WHEELBASES (mm)		
			Std	R (towing)	K (tipper)	Short	Long	Crew	TECTOR 6				ZF Manual	ZF Automatized	ALLISON Automatic			
									180 hp	220 hp	250 hp	280 hp						
110L	11,000	18,000	●	●	-	●	●	-	●	●	-	●	●	-	●	●	●	3,105 - 3,330 - 3,690 - 4,185 - 4,455 - 4,815
120L	12,000		●	●	-	●	●	●	●	●	-	●	●	-	●	●	●	3,105 - 3,330 - 3,690 - 4,185 - 4,455 - 4,815
120	12,000	26,000	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
140	14,000		●	●	●	●	●	●	●	●	-	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
150	15,000	32,500	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
160	16,000		●	●	●	●	●	●	●	●	-	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,455 - 4,815 - 5,175 - 5,670 - 6,570
180	18,000		●	●	●	●	●	●	●	●	-	-	●	●	●	●	●	3,690 - 4,185 - 4,590 - 4,815 - 5,175 - 5,670 - 6,210 - 6,570
190L	19,000	32,500	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	3,690 - 4,185 - 4,590 - 4,815 - 5,175 - 5,670 - 6,210 - 6,570

4X2 HUB REDUCTION



EURO III VERSIONS											
MODEL	GVW (kg)	MAX GCW (kg)	VERSION			CAB		ENGINE		GEARBOX	WHEELBASES (mm)
			Std	R (towing)	K (tipper)	Short	Long	TECTOR 6			
								220 hp	240 hp		
150	15,000	25,000	●	●	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,590 - 4,815 - 5,175
170	17,000	32,500	●	●	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,590 - 4,815 - 5,175

4X2 HUB REDUCTION



EURO V EEV VERSIONS											
MODEL	GVW (kg)	MAX GCW (kg)	VERSION			CAB		ENGINE		GEARBOX	WHEELBASES (mm)
			Std	R (towing)	K (tipper)	Short	Long	TECTOR 6			
								220 hp	250 hp		
150	15,000	25,000	●	●	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,590 - 4,815 - 5,175
170	17,000	32,500	●	●	●	●	●	●	●	●	3,105 - 3,690 - 4,185 - 4,590 - 4,815 - 5,175

OFF ROAD 4X4



EURO III VERSIONS													
MODEL	GVW (kg)	MAX GCW (kg)	VERSION			CAB			ENGINE			GEARBOX	WHEELBASES (mm)
			Std	R (towing)	Short	Long	Crew	TECTOR 6					
								220 hp	240 hp	280 hp			
110E	11,500	21,000	●	●	●	●	-	●	●	-	●	3,240 - 3,690 - 3,915 - 4,150	
150E	15,000	24,000	●	●	●	●	-	-	●	●	●	3,240 - 3,690 - 3,915 - 4,150	

OFF ROAD 4X4



EURO V EEV VERSIONS													
MODEL	GVW (kg)	MAX GCW (kg)	VERSION			CAB			ENGINE			GEARBOX	WHEELBASES (mm)
			Std	R (towing)	Short	Long	Crew	TECTOR 6					
								220 hp	250 hp	280 hp			
110E	11,500	21,000	●	●	●	●	-	●	●	-	●	3,240 - 3,690 - 3,915 - 4,150	
150E	15,000	24,000	●	●	●	●	-	-	●	●	●	3,240 - 3,690 - 3,915 - 4,150	

● Standard - Not available

● Standard - Not available

ENGINES

PERFORMANCE

The New Eurocargo's **flexibility** runs deep – all the way to the source of its powerful and efficient performance: the turbocharged, common rail Tector engine. The New Eurocargo offers a great driving experience, running smoothly with few gear changes as a result of the constant high torque across a wide rev range.

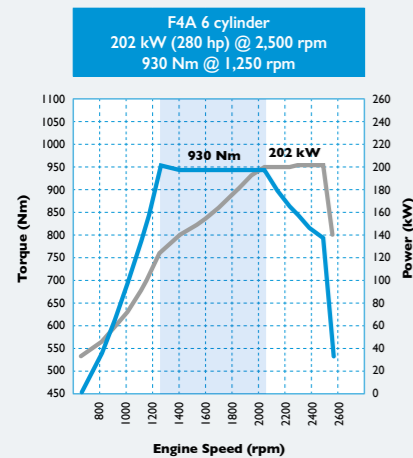
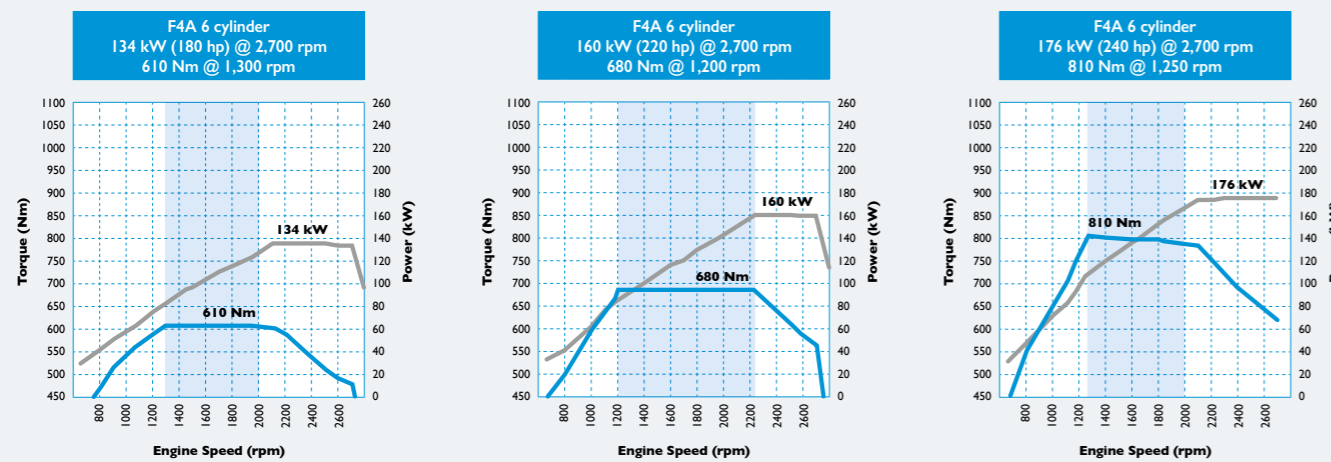
Its flexibility is also in the **wide range of engine outputs**, so that you are bound to find the performance to match your requirements:

- 2 displacements: 4-cylinder 3.9 litre and 6-cylinder 5.9 litre
- 4 power ratings: from 180 to 280 hp
- Torque ranging from 610 to 950 Nm

The New Eurocargo is available with a choice of Euro III and Euro V engines, and complies with the stringent Enhanced Environmentally-friendly Vehicles (**EEV**) standards. And it does this with outstanding efficiency and **low Total Cost of Ownership (TCO)**. Euro V (EEV) engines use IVECO's proven Selective Catalytic Reduction (SCR) technology to cut down Particulate Matter, NOx and CO₂ emissions.

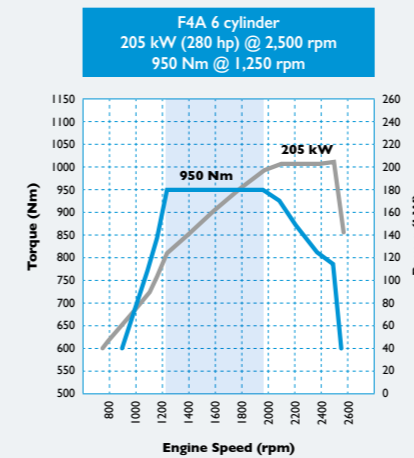
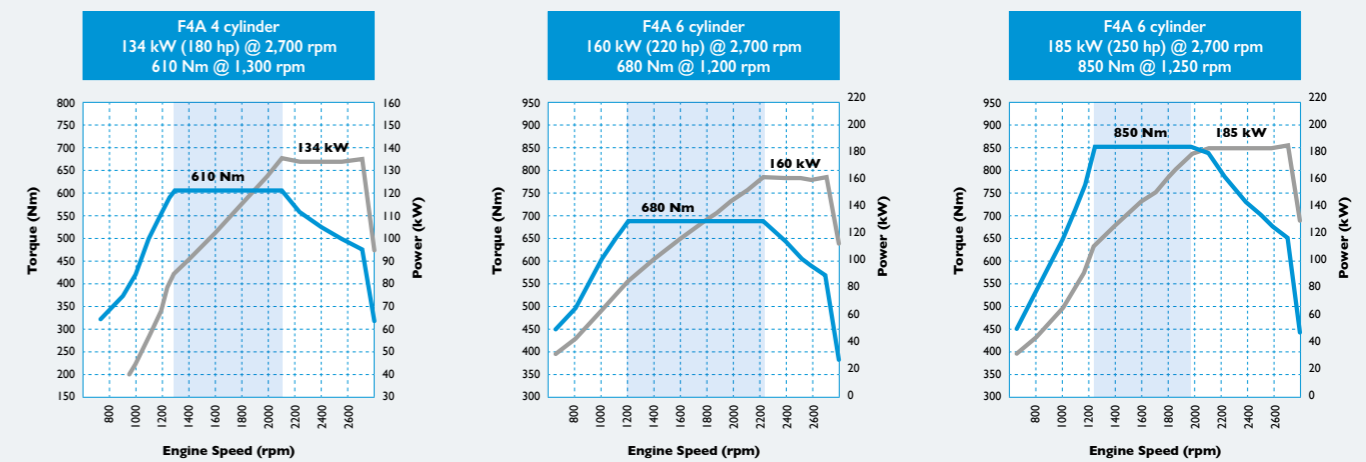


EURO III



EURO III ENGINES	NO. OF CYLINDERS	DISPLACEMENT	POWER	MAX TORQUE
TECTOR 6	6 IN LINE	5.9 LITRES	134 kW (180 hp) at 2,700 rpm	610 Nm from 1,300 to 2,110 rpm
			160 kW (220 hp) at 2,700 rpm	680 Nm from 1,200 to 2,230 rpm
			176 kW (240 hp) at 2,700 rpm	810 Nm from 1,250 to 1,990 rpm
			202 kW (280 hp) at 2,500 rpm	930 Nm from 1,250 to 2,050 rpm

EURO V



EURO V EEV ENGINES	NO. OF CYLINDERS	DISPLACEMENT	POWER	MAX TORQUE
TECTOR 4	4 IN LINE	3.9 LITRES	134 kW (180 hp) at 2,700 rpm	610 Nm from 1,300 to 2,100 rpm
TECTOR 6	6 IN LINE	5.9 LITRES	160 kW (220 hp) at 2,700 rpm	680 Nm from 1,200 to 2,230 rpm
			185 kW (250 hp) at 2,700 rpm	850 Nm from 1,250 to 1,980 rpm
			205 kW (280 hp) at 2,500 rpm	950 Nm from 1,250 to 1,980 rpm

IVECO recommends



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