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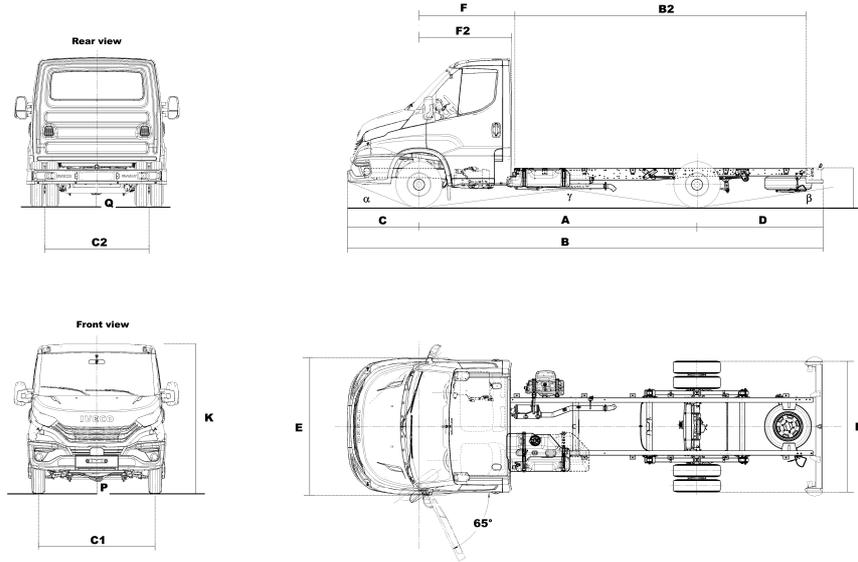
TECHNICAL DESCRIPTION

DAILY 70C16H3.0

List of linked VCB

VCB code	Gearbox	Wheelbase	Cabin	Drive
FGXBIBCI	FT50.6M	3450	LSTS	LH
FGXBIBCA	FT50.6M	3450	LSTD	RH
FGXBIECI	FT50.6M	3750	LSTS	LH
FGXBIECA	FT50.6M	3750	LSTD	RH
FGXBHICI	FT50.6M	4100	LSTS	LH
FGXBHICA	FT50.6M	4100	LSTD	RH
FGXBINCI	FT50.6M	4350	LSTS	LH
FGXBINCA	FT50.6M	4350	LSTD	RH
FGXBIPCI	FT50.6M	4750	LSTS	LH
FGXBIPCA	FT50.6M	4750	LSTD	RH
FGXBIQCI	FT50.6M	5100	LSTS	LH
FGXBIQCA	FT50.6M	5100	LSTD	RH

Dimensions & Weights



BEP

DIMENSIONS (mm)

	BEP	3450	3750	4100	4350	4750	5100
Wheelbase (A)	L011	3450	3750	4100	4350	4750	5100
Overall length (over rear underrun protection) (B)	L001	6011	6621	7021	7441	8306	8306
Max width over wings (cab) (E)	W002	2052	2052	2052	2052	2052	2052
Overall width (rear tyres) (E2)	W003	2160	2160	2160	2160	2160	2160
Front axle to front of body (F)	L102	1410	1410	1410	1410	1410	1410
Front axle to back of cab (F2)	L063	1355	1355	1355	1355	1355	1355
Frame height at end of frame unladen (L) with Quad-Tor	H039	879	888	884	886	896	879
Frame height at front axle, unladen (Quad-Tor)	H035	460	460	458	458	457	456
Frame height at rear axle, unladen (Quad-Tor)	H037	629	629	629	628	627	628
Front overhang (C)	L016	1057	1057	1057	1057	1057	1057
Rear overhang (D)	L019	1504	1814	1864	2034	2499	2149
Usable Frame Length (B2)		3395	4005	4405	4825	5690	5690
Minimum ground clearance (front) (P) (Quad-Tor)	H015.n	199	199	199	199	199	199
Minimum ground clearance (rear) (Q) (Quad-Tor)	H016.n	158	158	158	158	158	158
Overall height to top of cab unladen (K) with Quad-Tor	H001	2299	2293	2287	2283	2279	2275
Turning diameter kerb to kerb (Quad-Tor)	W011	12350	13048	14108	14866	16078	17162
Turning diameter wall to wall (Quad-Tor)	W012	12994	13694	14758	15518	16734	17790
Front track (C1)	W013.1	1725	1725	1725	1725	1725	1725
Rear track (C2)	W013.2	1660	1660	1660	1660	1660	1660
Approach angle α (°) (Quad-Tor)	H010	18	18	18	18	18	18
Ramp angle γ (°) (Quad-tor)	H012	19	17	16	15	14	13
Departure angle β (°) (Quad-Tor)	H011	13	11	11	10	8	10
Side members thickness	H033/H034	5	5	5	5	5	5
Side members max height	H032	184	184	184	184	184	184
Side members flange width	W032	69	69	69	69	69	69

Dimensions & Weights

	BEP			DIMENSIONS (mm)			
Wheelbase (A)	L011	3450	3750	4100	4350	4750	5100
Frame width at rear	W036	864	864	864	864	864	864

Note:

Please be aware that only for 65C.. / 70C.. models: "Frame height at front axle, unladen" and "Frame height at rear axle, unladen" are to be considered at the lower surface of the frame. "Frame height at end of frame, unladen (L)" is to be considered at the upper surface of the frame.

	BEP			WEIGHTS (kg)			
Wheelbase (A)	L011	3450	3750	4100	4350	4750	5100
Total Mass in Running Order (Torsion bars)		2292	2309	2328	2355	2380	2388
Mass in Running Order on Front Axle (Torsion bars)		1550	1562	1580	1595	1602	1622
Mass in Running Order on Rear Axle (Torsion bars)		742	747	748	760	778	766
G.V.W. (EC)	M002	7000	7000	7000	7000	7000	7000
Plated weight on front axle (EC) (Torsion bars)		2500	2500	2500	2500	2500	2500
Plated weight on rear axle (EC)	M041.2	5350	5350	5350	5350	5350	5350
Trailer weight (inertia brake)		3500	3500	3500	3500	3500	3500
Mass in Running Order Payload (Torsion bars)		4708	4691	4672	4645	4620	4612
Delta Mass "Full Optional" configuration (Torsion bars)		489	516	509	498	511	509

Note:

The "Total Mass in Running order" considers the minimum kerbweight with minimum optionals of the vehicle, 75 kg for driver, 100% liquids and 90% of fuel as defined by 1230/2012 M&D regulation. "Full optional" delta mass may vary depending on final configuration due to optionals unavailability on all the models; fixed or tipper platforms, where available, are not included in the "full optional" delta weight.

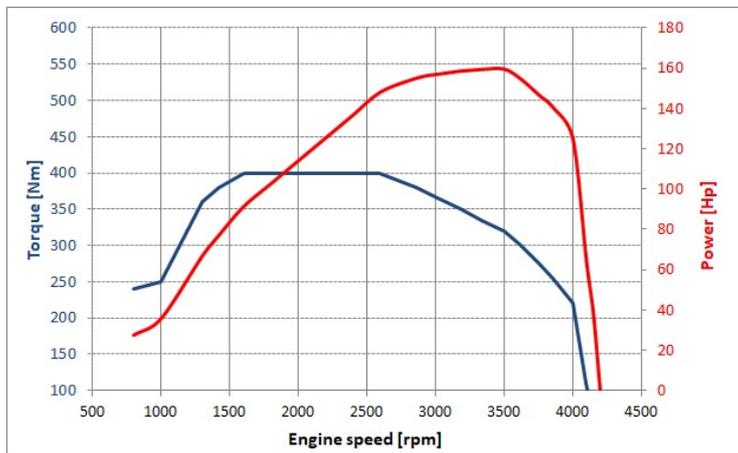
In order to have an accurate weight calculation, request a VP configuration to be inserted in IVECO BODY BUILDERS PORTAL.

Wheelbase	Type	Drawing
3450	Left hand drive vehicle drawing	5803307835
3750	Left hand drive vehicle drawing	5803307836
4100	Left hand drive vehicle drawing	5803307837
4350	Left hand drive vehicle drawing	5803307838
4750	Left hand drive vehicle drawing	5803307839
5100	Left hand drive vehicle drawing	5803307840

Model Components

Engine

Identification Code	FICFL41 IC-H
Position	Anteriore
Manufacturer	FPT Industrial
Arrangement	Longitudinale
Cycle	Diesel
Aspiration type	VGT con Aftercooler
Injection type	Common Rail
4 Stroke / 2 Stroke cycle	4
No. of cylinders	4
Cylinders layout	In linea
Bore mm	95.8
Stroke mm	104
Total displacement cm ³	2998
Exhaust gas treatment	EGR con by-pass / DOC+SCRoF+SCRuF
Weight (without oil / water) Kg	257
Oil capacity (l)	6.6
Cooling system	A liquido
Fan type	Ad Innesto elettromagnetico
Filter type	Dry



160 EVI - Engine FIC 160HP EURO VIE

Maximum power: 118 kW (160 HP) @ 3500 rpm

Maximum torque: 40.8 Kgm (400 Nm) @ 1600 rpm

DRIVELINE

Gearbox

Gearbox model	Gearbox Type	Installation	Box material	Dry weight Kg	Max input torque Nm	No. of forward gears	No. of reverse gears	No. of synchro gears
FT50.6M	SYNCRONIZED	ENGINE FLANGED	ALUMINIUM	57	500	6	1	6

Gear ratios

Gearbox model	1st	2nd	3rd	4th	5th	6th	rev. 1st
FT50.6M	5.375	3.154	2.041	1.365	1	0.791	4.838

Clutch

Gearbox model	Type	Actuation	Adjustment	Outer diameter (inches)	Release control
FT50.6M	Single dry plate	PULL TYPE	AUTOMATIC	11	HYDRAULIC

Model Components

Rear Axle Ratio

Option code	02008	06017 *	07133	72614
Ratio	4.3	4.231	4.556	5.1

*: Standard axle ratio

Tyres & Wheels

Code	Tyres	Front	Rear	Load index	Rolling circumference m
20663	Standard	225/75R16	225/75R16	121/120	2.254
20662	Optional	225/75R16	225/75R16	121/120	2.254
20624	Optional	225/75R16	225/75R16	121/120	2.254
20535	Optional	225/75R16	225/75R16	121/120	2.254

Axles

Position	Description
Rear	450517/2 - Iveco S.R. rear axle

Note: Front axle: independent wheels.

Performance

* Max Speed. Calculated speed on the basis of engine rpm and axle ratios. Real speed limits must take into account the speed index of the tyres: $K = 110 \text{ km/h}$ $L = 120 \text{ km/h}$ $M = 130 \text{ km/h}$

** Theoretically calculated values, arising from the engine torque without considering the road-friction values and the stability limits of the vehicles. When calculating with more than one tyres or more than one axle ratio, availability of each combination must be checked.

*** Please note that the actual max. speed of the vehicle may differ from the theoretical one displayed in this document, depending on the vehicle configuration.

Speed and gradeability values are rounded.

A = Total Weights (solo vehicle) Kg - Max Gradeability %

B = Total Weights (vehicle+trailer) Kg - Max Gradeability %

Tyre: 20535 - 225/75R16 IC 121/120 ECO

Efficiency: 0.93

No transfer box

Gearbox model FT50.6M

Axle Ratio	Gear Ratio 1°	Gear Ratio 6°	Speed km/h 1°	Speed km/h 6°	RPM at 80 km/h	RPM at 90 km/h	A		B	
							7000		10500	
							1°	6°	1°	6°
4.3	5.375	0.791	20.48	139.16	2011	2262	36.54	3.84	23.31	2.38
4.556	5.375	0.791	19.33	131.34	2130	2396	39.08	4.23	24.82	2.64
5.1	5.375	0.791	17.27	117.33	2385	2683	44.71	5.02	28.07	3.16

Tyre: 20663 - 225/75R16 L.I. INCREASED

Efficiency: 0.93

No transfer box

Gearbox model FT50.6M

Axle Ratio	Gear Ratio 1°	Gear Ratio 6°	Speed km/h 1°	Speed km/h 6°	RPM at 80 km/h	RPM at 90 km/h	A		B	
							7000		10500	
							1°	6°	1°	6°
4.3	5.375	0.791	20.48	139.16	2011	2262	36.45	3.77	23.23	2.31
4.556	5.375	0.791	19.33	131.34	2130	2396	38.99	4.16	24.74	2.57
5.1	5.375	0.791	17.27	117.33	2385	2683	44.61	4.95	28.00	3.09

Cabin

CAB EXTERIOR

Steps on both sides, front bumper in three pieces, mudguard.

Rear mirrors

for models from 3.5 to 5.0 tons standard max body width = 2200 mm

for models from 3.5 to 5.0 tons with option 73024 : max body width = 2350 mm

for models from 3.5 to 5.0 tons with option 73025 : max body width = 2550 mm

for models from 6.5 to 7.0 tons standard max body width = 2350 mm

for models from 6.5 to 7.0 tons with option 73021 : max body width = 2200 mm

for models from 6.5 to 7.0 tons with option 73025 : max body width = 2550 mm

Model Components

Anti-corrosion protection includes full cathaphoretic dipping with galvanized boxed sections and strategic use of zinc plated panels in vulnerable areas. Protective under seal for all under body cabin area, wheel housing and engine area.

CAB INTERIOR

Equipment: Storage compartments with bottle holder, arm rests on the doors, shelves in overhead console (opt 8628), shelves at floor level below seats, interior lights, 2 spotlights, 4 loud-speakers, gearshift lever integrated on dashboard. No. of seats places: 2 or 3 standard (depending on passenger seat option, single or bench).

Driver's seat: Improved comfort with adaptation to body shape and full seats in Memory Foam technology. Improved size also for tall drivers (standard on all models).

Passenger's seat: Availability of different options of seat and bench for passenger's.

Central console: Open storages on the top of the dashboard with antiglare protection. Availability of USB module type A and C at driver side (option 1619) and also for passenger (option 1611), wireless charger (option 1607). Adjustable air vents, smoker kit (option 5407), heating control and cooling control in case of air conditioning (option 6650 automatic climatization or option 76104 manual climatization).Instrument cluster: 10" Full digital configurable with 3 layouts.On Dashboard: Digital touch Radio 7" (option 1606) or infotainment system with 10" display (option 1604 without Navigation, option 1605 with Navigation).

Multifunction stalks:

Left stalk contains following commands:

Direction indicator, High beam / Low beam - Headlamp flash, Auto light command (when present option 72839).

Right stalk contains following commands:

Windscreen wipers, auto wipers command, headlight washers (when present opt 2558), and cluster layout selection.

Steering wheel:

Steering column with double adjustment - Standard.

Multifunction steering wheel (depending on vehicle configuration):

The steering wheel contains up to 20 switches: 16 on the front and 4 on the rear. Dedicated commands for ADAS options (Cruise Control option 2463, Adaptive Cruise Control option 14522,ACC with Stop & go option 890, Advanced Lane Centering option 1701, Traffic Jam Assist option 1708, Additional Speed Limiter opt 5925) on steering wheel when present.

(The equipment can vary according to the markets / homologations; for a complete list of Daily options please contact local Iveco distributor. The images shown here are for illustrative purposes only)



20L UREA TANK UNDER CAB FLOOR

Capacity: 20 litres.

Available as option (72810): urea tank mounted on the frame.

Suspensions

Model Components

Front:

independent suspensions – **QUAD TOR**: incorporating torsion bars with antiroll bars.
Two shock absorbers.

Rear:

Semielliptical multi leaf spring (7 leaves) standard.
Semielliptical multi leaf spring with helper (10 + 8 leaves) option 6094

Model Components

MAIN TECHNICAL FEATURES and NOVELTIES

NEW 12V/105Ah AGM BATTERY (option 1908) with Intelligent Battery Sensor and Battery Signal Monitoring for remote diagnosis.

35S FRONT QUAD LEAF suspensions: New bushes, new aluminum knuckle and new wheel bearing.

35S NEW PROGRESSIVE REAR PARABOLIC SINGLE LEAF SPRINGS with optimized performances in terms of drive comforts handling and overall weight (improved payload).

WEBASTO HEATER (option 6654) commands fully integrated into vehicle cluster and also programmable remotely through application.

NEW GENERATION OF FUEL TANKS to satisfy GSR-B passive safety requirement on N1 vehicles:

- 40 Liters capacity – option code 1562;
- 63 Liters capacity – option code 1563;
- 86 Liters capacity – option code 1565;
- 61 Liters capacity (filler on tank) – option code 1564.

FULL LED HEDLIGHTS (option 72619) Integrated direction lamp

NEW FRONT BUMPER IN THREE PIECES - standard on all Daily models.

It allows reduction of ownership costs, giving the possibility to replace only the required piece instead of the whole bumper.

REAR WALL WITHOUT WINDOW as standard and Rear Wall WITH WINDOW available with option 744.

NEW REAR PROXIMITY SENSORS installed as standard on all the configurations with rear underrun protection on CAB or rear step on VAN.

The same sensors can also be provided as provision (option 6405) to allow specific installation according to Body Builder Manual.

NEW REAR CAMERAS with dynamic guidelines (option 676) installed from factory.

The same cameras can also be provided as provision (option 344 or 1775 for box applications).

ELECTRIC PARKING BRAKE (EPB) – option 4383

Automatic engagement (key-off);

SAFE-HOLD;

Drive away: Driver safety belt locked + key-on + neutral (for manual transmission) or drive (for Hi-Matic);

Integration with ADAS (ACC Stop & Go, Traffic Jam Assist);

Integration with Hi-Matic (parking);

Ergonomic position, near gearbox knob;

HMI – Led on switch and cluster messages.

NEW STORAGE BOX FOR ELECTRIC PARKING BRAKE – option 1937

It includes 2 USB plugs (1 Type A and 1 Type C) able to recharge different devices.

CONNECTIVITY BOX 4G – standard for N1 and N2 vehicles.

Connectivity on Daily is the enabler for a new suite of services to support customer to improve Uptime, Efficiency and TCO through Connectivity Box:

- Remote diagnosis
- Software updating over the air
- Preventive service call (Control Room)
- Service Booking on MYDAILY
- Smart report
- IVECO-ON web portal free access

KEYLESS ENTRY & GO – option 6406

The Keyless Entry & Go allows the driver to lock/unlock the vehicle and to start/stop the engine without using the key.

VOCAL ASSISTANT – option 317 or 1613 (integrated in 10" infotainment)

Vocal Assistant using smartphone and Connectivity connection or 10" infotainment system (according to market availability) allows to use specific functionalities to simplify the work journey of the driver.

Furthermore dedicated skills are customized for Iveco users (Vehicle driving parameters, Control room alerts, Driving score and report, Service booking, ...).

TYRE PRESSURE MONITORING SYSTEM (TPMS) – standard for N1 and N2 vehicles. The Tyre Pressure Monitoring System (TPMS) is an electronic system designed to monitor the air pressure inside the pneumatic tires, reporting a real-time tyre-pressure information to the driver of the vehicle. It will be available for both Single and Twin wheels vehicles.

MAIN ADVANCED DRIVER ASSISTANCE SYSTEMS (to be checked on product offer)

ADVANCED EMERGENCY BRAKING SYSTEM (AEBS) + CITY BRAKE – standard for N1 and N2 vehicles.

The AEBS detects a potential collision developing ahead and responds by braking autonomously as needed to help the driver in avoiding or mitigating the severity of a crash with improved performance and VRUs (Vulnerable Road Users) protection (pedestrian/bicycle). The City Brake is an autonomous emergency braking which assists a driver to avoid collisions, monitoring the area in front of the vehicle and detecting obstacles which might present a threat of collision.

MOVING OFF INFORMATION SYSTEM (MOIS) – standard for N2 vehicles. Option 402 on N1 vehicles.

It detects and informs the driver of the presence of pedestrians and cyclists in front close proximity of the vehicle.

Model Components

AUTOMATIC WIPERS AND HEADLIGHTS – Standard for N1 and N2 vehicles.

The Automatic wipers, automatically activates the wipers and adjust the frequency, depending on the quantity of water on the surface of the windscreen. The Automatic headlights automatically activates the low-beam, depending on the quantity of light during the 24 hours; the sensor is able also to manage situation such as passing under bridges, tunnels.

AUTOMATIC HIGH BEAM CONTROL (AHBC) – option 72839

can automatically turns your vehicle's high beam lights off / on, depending on driving conditions. It is available in combination with front camera of AEBS / ACC.

BLIND SPOT INFORMATION SYSTEM (BSIS) – standard 1704 for N2 vehicles, option 1704 for N1 vehicles or options 1705/1706 for N1 and N2 vehicles.

Other optionals are available to include additional functionalities like Blind Spot Warning, Door Opening Warning and Rear Cross Traffic Braking. Different possibilities of radar position on CABS are also available to fit with specific body installations (please refer to Body Builder Manual for further details).

EMERGENCY LANE KEEPING (ELK) – standard for N1 vehicles.

The Emergency Lane Keeping system provide a warning to the driver and correct the trajectory when the driver is unintentionally leaving the lane.

LANE DEPARTURE WARNING (LDW) – standard for N2 vehicles.

The Lane Departure Warning system provide a warning to the driver when the driver is unintentionally leaving the lane.

TRAFFIC JAM ASSIST (TJA) – option 1708. The Traffic Jam Assist combines different aiding functions in order lead vehicle able to automatically follow the traffic flow by braking, accelerating and steering to remain in the driving lane.

INTELLIGENT SPEED ASSIST & TRAFFIC SIGN RECOGNITION (ISA & TSR) – standard for N1 and N2 vehicles.

The Intelligent Speed Assist is a system that identifies the speed limits and encourages drivers to slow down when they are over the speed limit.

ISA is always coupled with the Traffic Sign Recognition that identifies the traffic signs other than speed limits.

ADAPTATIVE CRUISE CONTROL (ACC) – option 14522

Adaptive Cruise Control and Stop & Go is an automatic form of cruise control in which the acceleration and deceleration of a vehicle is adjusted in order to maintain the distance with the vehicle ahead. Speed and time gap are adjusted, through steering wheel switches.

ADAPTATIVE CRUISE CONTROL WITH STOP & GO – option 890

Available in combination with Hi-Matic and Electric Parking Brake only. Speed and time gap are adjusted, through steering wheel switches. The vehicle can follow the vehicle ahead and automatically operate accelerator and brakes, up to vehicle complete stop.

When the preceding car moves again, before the vehicle is authorized to restart, driver consensus is needed.

ADVANCED LANE CENTERING (ALC) – option 1701

This system helps the driver in keeping the vehicle in the center of the lane by continuously applying a torque on the steering system.

TURN ASSIST (TA) – option 1730

Emergency braking in turning scenarios to avoid collisions with other vehicles and protect VRUs (Vulnerable Road Users) protection (car/pedestrian/bicycle), where other critical situation may occur.

CROSSWIND ASSIST (CA) – option 72811

The Crosswind Assist allows to stabilize the vehicle against a sudden strong side wind in straight line, compensating lateral deviation.

It is especially useful while driving over bridges or passing large trucks, where powerful wind gusts are more prevalent.

It operates through the sensors of the ESP, applying the brakes on the side of the vehicle the wind is facing.

Optional available for VANs and CABS.

HILL DESCENT & TRACTION PLUS – option 72813

The Hill Descent Control (HDC) is a Cruise control function for downhill driving at low speed. Enables driver to descent steep hills slowly and safely.

The Traction Plus works when the vehicle starting on slippery surfaces (mud, sand, snow,...) transfer the torque to the wheel with major grip. It is active up to 30km/h, acting on the dedicated switch on dashboard.

DRIVER DROWSINESS & ATTENTION WARNING (DDAW) – option 399 (if included in the configuration, the vehicle is compliant with GSR-B regulation).

The Driver Drowsiness & Attention Warning assesses the driver's attention through vehicle behaviour analysis and, where needed, provides a warning to the driver.

ADVANCED DRIVER DISTRACTION WARNING (ADDW) – option 2221 (if included in the configuration, the vehicle is compliant with GSR-C regulation)

The Advanced Driver Distraction Warning system monitors the driver's attention and fatigue levels through a camera mounted on the driver-side windshield pillar. When signs of drowsiness, fatigue, or distraction are detected, the system issues visual and acoustic alerts.

Note: The ADDW camera does not record or store any video during driver monitoring and does not use any biometric data, including facial recognition, for its operation.

The vehicle configuration must always be confirmed by the Iveco sales network.

Model Components

Miscellaneous

ce-bogus=

"|">

ESP SYSTEM

60C - 72C

Disc diameter (mm) Front	301
Disc diameter (mm) Rear No EPB	306

BRAKING SYSTEM FEATURES

Dual circuit configuration; cross split on 35S up to 72C.
Hydraulically operated with vacuum servo assistance.
Full disc brakes with floating calipers with auto wear adjustment.
Mechanically controlled parking brake:
Brake fluid level indicator-front / rear pad wear indicator.
Asbestos free pads.
EASY interface.

Notes:

ESP SYSTEM is standard for all the range. It is the latest evolution among the Electronic vehicle stability controls and is an advanced system for active and preventive safety in all weather and road conditions. Prevents the loss of vehicle control caused by:

- High speed
- Wrong evaluation of the road lay-out
- Sudden vehicle skid
- Trying to avoid an obstacle
- Sudden vehicle steering

ABS-**Antilock Braking System**: avoids wheel locking during the braking

EBD-**Electronic Brakeforce Distribution**: shares the brake force between the rear and front axle

ESP-**Electronic Stability Program**: brakes each wheel and controls the engine by reducing the number of revolutions if the vehicle becomes unstable

ASR-**Anti Slip Regulator**: acts on the engine and the brakes preventing the driving wheels from skidding

MSR(DTC)- Motor Schleppmomenten Regelung (**Drag Torque Control**): acts on engine speed to reduce the braking torque in release HHC-**Hill Hold Control**: acts on the braking pressure to hold the vehicle in up hill departure to assist the driver

LAC-**Adaptive Load Control**: recognizes the longitudinal load distribution

HRB-**Hydraulic Rear Wheel Boost**: in case of emergency braking, it boost the rear braking force, thus allowing a reduction in the vehicle stopping distance

HFC-**Hydraulic Fading Compensation**: the system is able to detect fading condition of the brakes and thus to increase the brake circuit pressure up to ABS intervention

RMI-**Roll Movement Intervention**: mitigate dangerous roll-over situations during highly dynamic driving, e.g. evasive maneuvers, J-turn, Fishhook

ROM-**Roll Over Mitigation**: extension of RMI by mitigation of rollover at quasi-stationary maneuvers, e.g. motorway exit.

IVECO

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