

DAILY

TECHNICAL DESCRIPTION

Chassis Cowl NEW DAILY EURO VI-E



70C18H CC

The information in this literature is intended to be of a general nature only. IVECO reserves the right to modify or change specification at any time. All images are for illustrative purposes only.



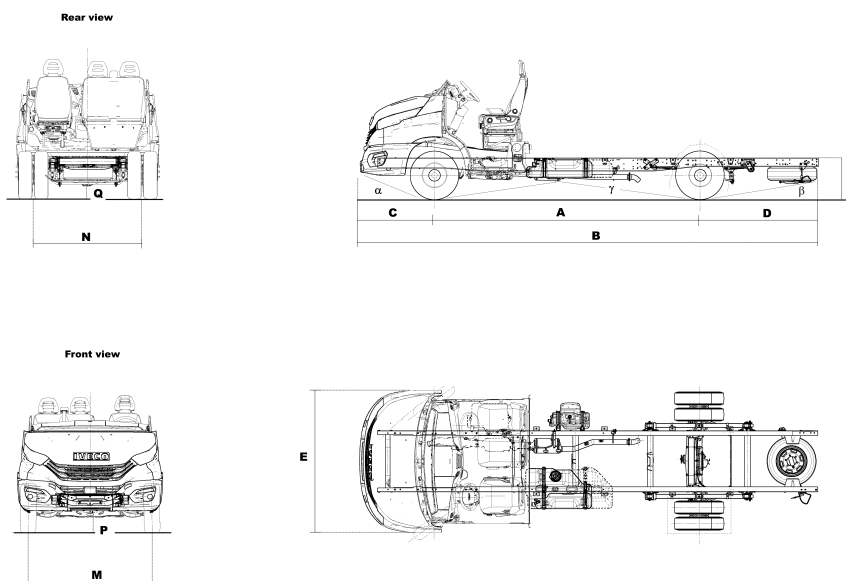
IVECO

Your partner for sustainable transport

LIST OF LINKED VCB

VCB code	Gearbox	Wheelbase	Cabin	Drive
DGVB0BCI	FT50.6M	3450	LCCS	LH
DGVB0BCA	FT50.6M	3450	LCCD	RH
DGVB0ECI	FT50.6M	3750	LCCS	LH
DGVB0ECA	FT50.6M	3750	LCCD	RH
DGVB0HCI	FT50.6M	4100	LCCS	LH
DGVB0HCA	FT50.6M	4100	LCCD	RH
DGVB0NCI	FT50.6M	4350	LCCS	LH
DGVB0NCA	FT50.6M	4350	LCCD	RH
DGVB0PCI	FT50.6M	4750	LCCS	LH
DGVB0PCA	FT50.6M	4750	LCCD	RH
DGVB0QCI	FT50.6M	5100	LCCS	LH
DGVB0QCA	FT50.6M	5100	LCCD	RH

DIMENSIONS & WEIGHTS



DIMENSIONS (mm)

	3450	3750	4100	4350	4750	5100
Wheelbase (A)	3450	3750	4100	4350	4750	5100
Overall length (over rear underrun protection) (B)	5853	6463	6863	7283	8148	8148
Max width over wings (cab) (E)	2052	2052	2052	2052	2052	2052
Frame height at end of frame unladen (L) with Quad-Tor	866	874	871	874	882	868
Frame height at front axle, unladen (Quad-Tor)	652	651	650	649	648	646
Frame height at rear axle, unladen (Quad-Tor)	806	806	806	806	805	806
Front overhang (C)	1048	1048	1048	1048	1048	1048
Rear overhang (D)	1355	1665	1715	1885	2350	2000
Minimum ground clearance (front) (P) (Quad-Tor)	199	199	199	199	199	199
Minimum ground clearance (rear) (Q) (Quad-Tor)	158	158	158	158	158	158
Turning diameter kerb to kerb (Quad-Tor)	12350	13048	14108	14866	16078	17162
Turning diameter wall to wall (Quad-Tor)	12994	13694	14758	15518	16734	17790
Front track (M) (Quad-Tor)	1725	1725	1725	1725	1725	1725
Rear track (N) (Quad-Tor)	1660	1660	1660	1660	1660	1660
Approach angle α (°) (Quad-Tor)	19	20	20	20	20	20
Departure angle β (°) (Quad-Tor)	12	10	10	9	9	11
Ramp angle γ (°) (Quad-tor)	19	17	16	15	14	13
Side members thickness	5	5	5	5	5	5
Side members max height	184	184	184	184	184	184
Side members flange width	69	69	69	69	69	69
Frame width at rear	864	864	864	864	864	864

Notes:

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**.

WEIGHTS (KG)

Wheelbase	3450	3750	4100	4350	4750	5100
Total vehicle kerbweight (Torsion bars)	2355	2364	2378	2398	2432	2445
Kerbweight on Front Axle (Torsion bars)	1445	1457	1474	1490	1502	1529
Kerbweight on Rear Axle (Torsion bars)	910	907	904	908	930	916
G.V.W. (EC)	7000	7000	7000	7000	7000	7000
Plated weight on front axle (EC)	2500	2500	2500	2500	2500	2500
Plated weight on rear axle(s) (EC)	5350	5350	5350	5350	5350	5350
Trailer weight (inertia brake)	3500	3500	3500	3500	3500	3500
Max body & Payload (EC) (Torsion bars)	4645	4636	4622	4602	4568	4555

Note:

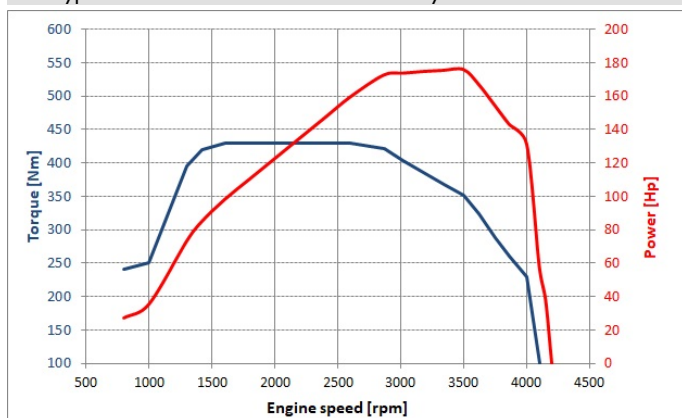
The "Total vehicle kerb weight" considers the minimum kerb weight with minimum optionals.

Wheelbase	Type	Drawing
3450	Left hand drive	5802962556
3750	Left hand drive	5802962557
4100	Left hand drive	5802962558
4350	Left hand drive	5802962559
4750	Left hand drive	5802962560
5100	Left hand drive	5802962561

MODEL COMPONENTS

ENGINE

Identification Code	FICFL411B
Manufacturer	FPT Industrial
Position	FRONT
Arrangement	LONGITUDINAL
Cycle	DIESEL
Aspiration type	TC+AFTERCOOLER
Injection type	CR12.20
4 Stroke / 2 Stroke cycle	4
No. of cylinders	4
Cylinders layout	IN-LINE
Bore mm	95.8
Stroke mm	104
Total displacement cm ³	2998
Exhaust gas treatment	EGR with by-pass / DOC+SCRoF+SCRuF
Cold starting type	Thermostarter
Cooling system	Parafu
Fan type	electromagnetic
Filter type	Dry

**I76EVIE - Engine FIC 176 Hp EURO VIE Heavy Duty**

Maximum power: 129 kW (null HP) @ 176 rpm

Maximum torque: 43.8 Kg_m (430 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	430	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

REAR AXLE RATIO

Option code	02008 *	07133	72614
Ratio	4.3	4.556	5.1

*: Standard axle ratio

MODEL COMPONENTS**TYRES & WHEELS**

Code	Tyres	Front	Rear	Dynamic Radius m	Rolling resistance Coefficient	Load index	Rolling circumference m
20663	Standard	225/75R16	225/75R16	.359	.0086	121/120	2.254
20662	Optional	225/75R16	225/75R16	.359	.0086		2.254
20535	Optional	225/75R16	225/75R16	.359	.0086		2.254

AXLES

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

Notes:

Front axle: independent wheels.

MODEL COMPONENTS

CABIN



CAB EXTERIOR

Anti-corrosion protection includes full cathoretic 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

Driver's seat: First LCV vehicle with Memory Foam technology. Improved comfort with full seats in memory foam +50% softness and adaptation to body shape. Improved size also for taller sizes (standard on all models).

Central console: Glove box compartments on the top of the dashboard, central panel, adjustable air vents, ash-trays, + lighter (opt 5407 smoker kit), heating control, cooled compartment (present with opt. air conditioning). Instrument cluster: 5" TFT display & silver dial rings (opt 72623 km/h, opt 72624 miles/h). On Dashboard: Digital Radio with Business Up (opt 79246) or Hi-Connect infotainment system as option (opt 72800 w/o Navigation, opt 72801 EU maps, opt 72802 extra EU maps)

Indicator lamps, on cluster: (standard): Parking brake - Brakes failure - Directions indicators - Generic failure - Seat belts not fastened - Fog lights - High beams - Wing lights - External lights failure - Rear fog light(s) - Open doors - Fuel gauge - Tachograph failure - Coolant temperature - EOBD - Water in fuel filter - Clogged air filter - Clogged fuel filter.

Multifunction stalks:

Left stalk contains following commands:

Left 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 (when present option 72841), headlight washers (when present opt 2558), queue assist (when present opt 72803).

Steering wheel

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 opt 2463, Adaptive Cruise Control opt 14522, 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.

MODEL COMPONENTS

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

SUSPENSIONS

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

BATTERY

Electrics

Batteries capacity V/Ah

12 V / 110 Ah

MODEL COMPONENTS

MAIN TECHNICAL FEATURES AND NOVELTIES

MAIN NOVELTIES:

New 250A alternator – Opt 72615
New manual Gear Box FT50.6

Vocal Assistant – opt 317

Vocal Assistant using smartphone or Connectivity connection and infotainment system allows to use all the smartphone 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...).

MAIN OPT AVAILABILITY (check availability on model)

Automatic wipers and headlights – opt 72841

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) – opt 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.

Adaptive Cruise Control – opt 14522

Adaptive Cruise Control (ACC) 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.

ACC with Queue Assist – opt 72803

Available in combination with Hi-Matic 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.

Proactive Lane Keeping Assist – opt. 72805

This system helps the driver in keeping the vehicle inside the line by applying a torque on the steering system when needed.

LDWS camera supplies the steering system with information on lane geometry, and calculates the torque to be applied to the steering wheel.

The optional is offered in combination with LDWS.

Crosswind Assist – opt 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 – opt 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.

AEBS + City Brake PRO – opt 72806

The AEBS detects a potential collision developing ahead and responds by braking autonomous as needed to help the driver in avoiding or mitigating the severity of a crash with the vehicle in front at high speed.

The City Brake is an autonomous emergency braking which assists a driver to avoid a low-speed crash, monitoring the area in front of the vehicle and detecting obstacles which might present a threat of collision.

Full LED headlights – opt 72619

Integrated direction lamp.

Electric Parking Brake – opt 4383/Electric parking brake with storage box 1902

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 (Queue Assist)

Integration with Hi-Matic (parking)

Ergonomic position, near gearbox knob

HMI – Led on switch and cluster messages.

TPMS (Tyre Pressure Monitoring System) – opt 2471

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.

Connectivity Box – opt 75681

MODEL COMPONENTS

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

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

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

MISCELLANEOUS

TFT Cluster opt

Main functions: digital tachimeter, ADAS - dashboard, ADAS - quick menu, TPMS, oil, battery, service info. Navigation. Phone - multimedia, Fuel economy, trip computer, vehicle settings, display settings, diagnostic.

The **three pieces bumper**, standard on all Daily models, allows reduction of ownership costs, giving the possibility to replace only the required piece instead of the whole bumper.

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

SYSTEM ESP 9

BRAKING SYSTEM FEATURES

Dual circuit configuration; cross split on 35S / independent from 35C up to 70C.

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.

	35S..		35C.. - 50C..		60C.. - 70C..	
	Front	Rear	Front	Rear	Front	Rear
Disc diameter (mm):	300	296	290	290	301	306
Braking surface (cm ²):	280	196	280	276	404	276

Notes:

ESP 9 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

ESP9 includes ABS (Antilock Braking System), EBD (Electronic Brake force Distribution), ASR (Anti Slip Regulator), MSR (Motor Schlepptomment Regelung that acts on engine speed to reduce the braking torque in release), Hill Holder (Assited uphill departure), HBA (Hydraulic Brake Assist), LAC (Load Adaptive Control), TSM (Trailer sway mitigation. It detects the presence of a trailer and adapts the electronic stability control strategy in order not to negatively influence the dynamics of the vehicle-trailer system), RMI (Roll Movement Intervention. It mitigates dangerous roll-over situations during highly dynamic driving like e.g. evasive manoeuvre), ROM (Roll Over Mitigation. It mitigates dangerous roll-over situations during almost stationary manoeuvres like circular driving with steadily increasing steering wheel angle).



Body Builders Management
Lungo Stura Lazio 49
10156 Turin (I)
Email: ibb@iveco.com

IVECO

Your partner for sustainable transport