

DAILY

**70C21 HI-MATIC
NEW DAILY EURO 5b+ (FIC 3.0l)**



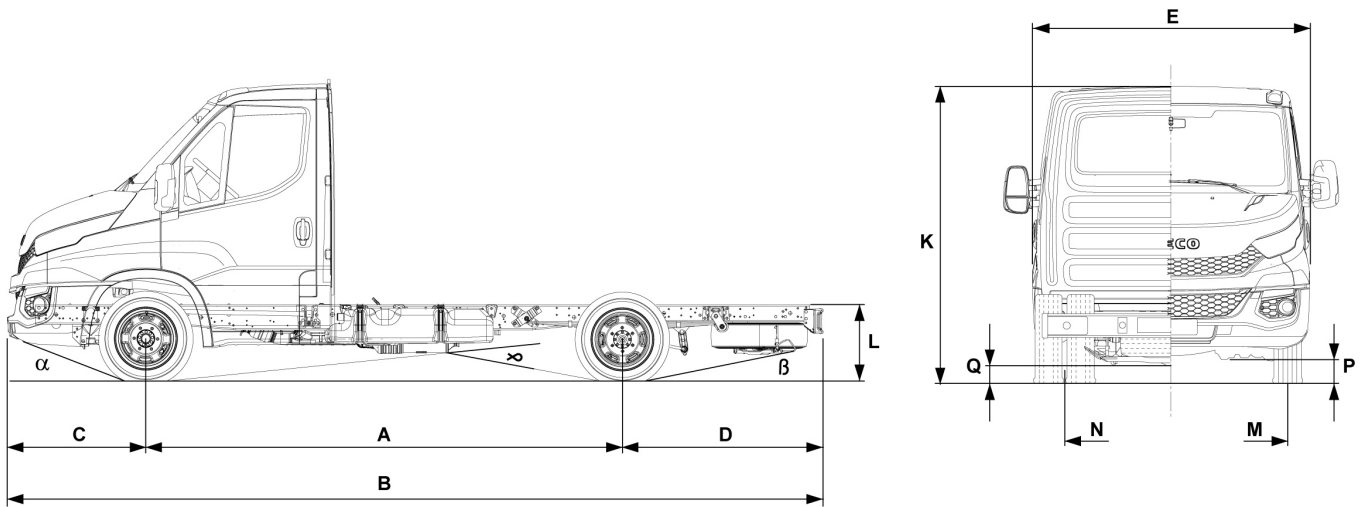
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IVECO

List of linked VCB

VCB Code	Gearbox	Wb	Cabin	Drive
8GFBIBEI	ZF 8HP	3450	LSTS	LHD
8GFBIBEA	ZF 8HP	3450	LSTD	RHD
8GFBIEEI	ZF 8HP	3750	LSTS	LHD
8GFBIEEA	ZF 8HP	3750	LSTD	RHD
8GFBICHEI	ZF 8HP	4100	LSTS	LHD
8GFBICHEA	ZF 8HP	4100	LSTD	RHD
8GFBINEI	ZF 8HP	4350	LSTS	LHD
8GFBINEA	ZF 8HP	4350	LSTD	RHD
8GFBYPEI	ZF 8HP	4750	LSTS	LHD
8GFBYPEA	ZF 8HP	4750	LSTD	RHD

Weights & dimensions



3450 3750 4100 4350 4750

Overall length (over RUP) (B)	5943	6553	6953	7373	8238
Max width over wings (cab) (E)	2052	2052	2052	2052	2052
Front axle to front of body (H)	1410	1410	1410	1410	1410
Frame height end of frame, unladen(L)	699	707	705	707	715
Frame height front axle, unladen	468	468	517	465	465
Frame height rear axle, unladen	634	634	628	634	632
Front overhang (C)	1008	1008	1008	1008	1008
Rear overhang (D)	1485	1795	1845	2015	2480
Minimum ground clearance (front)	171	172	193	172	171
Minimum ground clearance (rear)	164	165	177	165	164
Overall height to top of cab, unladen(K)	2355	2350	2344	2340	2335
Turning diameter kerb to kerb	12138	13048	14108	14866	16078

Weights & dimensions

	3450	3750	4100	4350	4750
Turning diameter wall to wall	12782	13694	14758	15518	16734
Front track (M)	1725	1725	1725	1725	1725
Rear track (N)	1660	1660	1660	1660	1660
Approach angle (°)	21	21.2	21.4	21.5	21.6
Departure angle (°)	13.3	10.4	9.9	9	8.4
Ramp angle (°)	26	23.8	21.7	20.4	18.7
Left hand drive vehicle drawing	5801824180	5801824181	5801824188	5801824191	5801824193
Total vehicle kerb weight	2362	2379	2404	2418	2446
Kerbweight - F.A.	1498	1508	1530	1537	1546
Kerbweight - R.A.	864	871	874	881	900
G.V.W. (EC)	7000	7000	7000	7000	7000
Plated weight on F.A. (EC)	2500	2500	2500	2500	2500
Plated weight on rear axle (EC)	5350	5350	5350	5350	5350
Trailer weight (inertia brake)	3500	3500	3500	3500	3500
Max body & Payload (EC)	4638	4621	4596	4582	4554
Side members thickness	5	5	5	5	5
Side members max height	184	184	184	184	184
Flange width	69	69	69	69	69
Frame width at rear	864	864	864	864	864

Note:

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

Model Components
FCP - MT - 7 TON - 7,00 TON
Weights (in general)

GVW (kg)	7000 (6700 - 7000)
GCW (kg)	10500

Notes :
The weights are indicated more precisely in the section: "Weights and dimensions".

The values of GVW / GCW can vary according to the markets and the homologations.

FCP - CA - 4X2 - 4x2
Configuration

Axle Configuration	4 X 2
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FCP - VE - CABINAT - Rigid
Version

Version	CHASSIS CAB
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FCP - DR - SX - LH drive
Drive

Left

FCP - DR - DX - RH drive
Drive

Right

FTP - EN - FICFL41IG - Engine FIC 205hp Euro5+ LD TS
Engine

Manufacturer	FPT
Position	FRONT
Arrangement	LONGITUDINAL
Cycle	DIESEL
Aspiration type	TC+AFTERCOOLER
Injection type	Unijet common rail - 16 valves
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
(Torque, generic ref. only. See: "EP")	470

Engine - Miscellaneous

Injection system	HIGH PRESSURE / COMMON RAIL
Cold starting type	THERMOSTARTER

Cooling

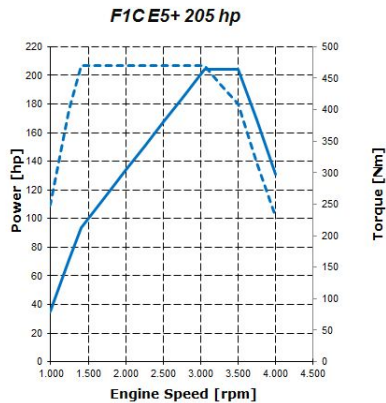
Cooling system	water
Fan type	electromagnetic

Air intake

Filter type	DRY
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Model Components

FCP - EP - 205 EU5 - ENGINE FIC 205CV EURO 5 LD



Engine

Power kW	150
Power Hp	205
Rpm at Max Power	3500
Torque Nm	470
Rpm l/min (min)	800
rpm (min. "Max Torque" eng. speed)	1400
Type of turbocharging	TS

FTP - GB - ZF 8HP - Automatic 8-speed ZF Gearbox

Gearbox

Gearbox Type	AUTOMATIC
Installation	ENGINE FLANGED
Box material	ALUMINIUM
Dry weight Kg	81
Max input torque Nm	470
No. of gears (forward)	8
No. of reverse gears	1

Gear ratios

Gear ratio: 1st gear	4.71
Gear ratio: 2nd gear	3.14
Gear ratio: 3rd gear	2.1
Gear ratio: 4th gear	1.67
Gear ratio: 5th gear	1.29
Gear ratio: 6th gear	1
Gear ratio: 7th gear	.84
Gear ratio: 8th gear	.67
Gear ratio: rev. 1st	3.3
Gear Ratio: Last Gear	.67

With a torque up to 470 Nm and thanks to the electronic control of gear changing, Hi-Matic is perfect for high performance engines up to 205 HP.

Electronic control allows to select between two modes of use, specific to the type of journey:

ECO: setting during which smooth shifting at low speeds is performed to emphasize comfort and minimize energy consumption.

POWER: the transmission performs faster gear changes at higher speeds, ensuring a precise engagement of gear ratios for performing drive.

FTP - RA - 450517/2 - Iveco S.R. rear axle

Other features

Axle Type	RIGID
Axle weight without susp. and tyres (Kg)	215
Reduction type	single

Brakes

Brake type	Disc
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Model Components
FTP - FS - AMA023N - Ind. wheel torsion bars 23 q
Suspensions

Springs material	STEEL
Front Axle Suspension Type	Independent with torsion bar

Shock absorbers

Shock absorbers type	HYDRAULIC TELESCOPIC
Shock absorbers no. (front)	2

Notes:

Disc brake (diameter in mm): 301 (models 60C.. / 65C.. / 70C...) - friction area cm² 404

FTP - RS - PMA047N - Leaf springs 47 q.
Suspensions

Springs material	STEEL
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Shock absorbers

Shock absorbers type	HYDRAULIC TELESCOPIC
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Note:

Models 35C../ 70C.. chassis cab, crew cab are equipped with single acting semielliptic springs.

Models 35C../ 70C... vans,combi,chassis cowl are equipped with dual-leaf parabolic springs.

Models 29L.. / 35S.. chassis cab,vans, combi,crew cab, chassis cowl (only 35S) are equipped with single leaf parabolic springs.

FTP - FR - AD06205SI - Chassis 174 x 64 x 5
Chassis / W.B.

Section shape	"C"
Wheelbase mm	3450
Side members material	STEEL

FTP - FR - AD07890SI - Chassis 174 x 64 x 5
Chassis / W.B.

Section shape	"C"
Wheelbase mm	4350
Side members material	STEEL

FTP - FR - AD07030SI - Chassis 174 x 64 x 5
Chassis / W.B.

Section shape	"C"
Wheelbase mm	3750
Side members material	STEEL

FTP - FR - AE05595SI - Chassis 174 x 64 x 5
Chassis / W.B.

Section shape	"C"
Wheelbase mm	4750
Side members material	STEEL

FCS - M0000 - 04488 - SYSTEM ESP 9
Braking system

Features	—
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Model Components

Braking system:

Dual circuit configuration; cross split on 29L - 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:
 29L / 35S / 35C (brake calipers)
 40C / 45 / 50C / 60C / 65C / 70C (drum)
 Brake fluid level indicator-front / rear pad wear indicator.
 Asbestos free pads.
 EASY interface.

Notes:

On Daily 2014 the 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 Schlepplmoment 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).

FTP - CL - LSTS - Light Cab LH

Cab	
Manufacturer	IVECO
Cab type	SEMI-ADVANCED FIRM
Material	STEEL PLATE
Steps no.	1
Roof	
Roof type	LOW
Dimensions	
Front Area	3.8
Air Penetration Coefficient	.7
Doors	
Front doors no.	2
Front doors type	WINDOW SASH
Front doors opening angle	64°
Window operation	MANUAL ON RIGHT - MANUAL ON LEFT
Rear view mirrors	
Rear view mirr no	2
Mirrors control	MANUAL
Heating	
Fan speed no.	4
Heating control	MANUAL
Windscreen wiper	
No. of windscreen wiper speeds	3
No. of windscreen wipers	2
Seats	
No. of places	3
No. of seats	2
Driver seat adjustme	IN HEIGHT, LENGTH AND BACK INCLINATION

Model Components

Passenger seat type TWO SEATS BENCH

Miscellaneous

Safety belts points

Sun visors no. 2

Ceiling no. 1

Lighter

CB pre-wiring

Chassis cab

Doorway lever

Glove compartment

Cab floor COVERED WITH SYNTHETIC MATERIAL

Monolithic execution

Plastic covering

Model Components

Remarks:

Anti-corrosion protection includes full cathophoretic 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.

Interior equipment:

Storage compartments with bottle holder, pool cup for mobile phone, arm rests on the doors, shelves in overhead console, shelves at floor level below seats, interior lights, 2 spotlights, 4 loud-speakers, gearshift lever on dashboard.

Passenger's seat:

Fixed, 2 seats bench with drawer under seat.

Floor:

Covered with rubber mats.

Central console:

Storage compartments, glove box compartments on the top of the dashboard, central panel, adjustable air vents, ash-trays, lighter, heating control, cooled compartment (with opt. air conditioning).

Exterior equipment:

Close proximity mirror on passenger's side, steps on both sides, front bumper, mudguard, fog lights.

Handles on both sides, handle on A-pillar (with opt), rear underrun protection, rear lights crossbar. New battery position under driver step.

In cab equipment (it can vary according to the markets / homologations; for a complete list of Daily options please contact local Iveco distributor) :

Indicator lamps, on cluster:

- 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
- Engine preheating
- Water in fuel filter
- Clogged air filter
- Clogged fuel filter

Multifunction stalks:

(Left) direction - Wing / Highbeam / Lowerbeam - Headlamp flash - Horn - Front fog lights (right).

New Daily 2014 is equipped with DRL (Daytime Running Lights).

For more security "side light / parking light" switch on automatically at every Key ON, so that the vehicle is more visible by daytime, too. The driver cannot by any means switch them off.

Windscreen wiper with intermittent wipe.

Steering wheel with secure and comfortable grip (ø 390 mm / inclination 42°).

FTP - CL - LSTD - Light Cab RH

Cab	
Version	SHORT CAB
Cab type	SEMI-ADVANCED FIRM
Material	STEEL PLATE
Steps no.	1
Roof	
Roof type	LOW
Dimensions	
Front Area	3.8
Air Penetration Coefficient	.7

Model Components

Doors

Front doors no.	2
Front doors type	WINDOW SASH
Front doors opening angle	64°
Window operation	MANUAL ON RIGHT - MANUAL ON LEFT

Rear view mirrors

Rear view mirr no	2
Mirrors control	MANUAL

Heating

Fan speed no.	4
Heating control	MANUAL

Windscreen

Windscreen type	STRENGTHENED - LAMINATED, ATHERMIC
Windscreen according to standards	EEC

Windscreen wiper

No. of windscreen wiper speeds	3
No. of windscreen wipers	2

Seats

No. of places	3
No. of seats	2
Driver seat adjustme	IN HEIGHT, LENGTH AND BACK INCLINATION
Passenger seat type	TWO SEATS BENCH

Miscellaneous

Safety belts points	
Sun visors no.	2
Ceiling no.	1
Lighter	
CB pre-wiring	

Windows

Side rear windows

Chassis cab

Doorway lever	
Glove compartment	
Cab floor	COVERED WITH SYNTHETIC MATERIAL

Remarks:

Storage compartments with bottle holder, defrost system for door windows, arm rests on the doors.

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. Steel bumper and side mouldings.

Passenger's seat:
Fixed, 2 seats bench

Floor:
Covered with rubber mats

Interior equipment:
Storage compartments, central panel, adjustable air vents, ash-trays, lighter, heating control, cooled compartment (with opt. air conditioning)

Exterior equipment:
Close proximity mirror on passenger's side, steps on both sides, front bumper, mudguard, fog lights
Handles on both sides, handle on A-pillar, rear underrun protection, spare wheel, rear lights crossbar

FCS - D7000 - 02307 - STEEL WHEELS**Wheels**

Rim type	DISC
Rim material	STEEL

Model Components

FCS - I0000 - 20663 - 225/75R16 L.I. INCREASED

Tyres

Rolling circumference m.	2.26
Dinamic Radius m	.359
Rolling resistance Coefficient	.008

Note :

Standard on 35C.. with torsion bar / 40C.. / 45C.. / 50C..

Tyre repair kit availability is :

- STANDARD from 29L to 35C
- OPTIONAL from 40C to 70C

and it is positioned inside the cab :

- for Van / Cab : beside the driver's seat.
- for Crew Cab : inside the compartment of rear bench.
- for Combi : beside the rear passengers bench.

FCS - D0000 - 02008 - 4.30 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	4.3
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FCS - D0000 - 07133 - 4.556 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	4.556
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FCS - D0000 - 00014 - 5.13 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	5.13
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FCS - MPN00 - 00567 - 110 AH BATTERIES

Electrics

Batteries capacity V/Ah	12 V / 110 Ah
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FDP: A70C MARKET: I100 Model: 70C21A8

Calculations

Tyres : 20663 - 225/75R16 L.I. INCRE Rear Axle Ratio : 14 - 5.13 REAR AXLE RATIO

Efficiency : 0.93 No Transfer Box

VCB Code	Ratios		Speed Km/h	Max Gradeability												
	ZF 8HP	450517/2		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)							
8GFB1BE1				7000							10500					
	I°	4.71	19.64	46.32							28.89					
	L.	.67	138.08	4.73							2.88					

Tyres : 20663 - 225/75R16 L.I. INCRE Rear Axle Ratio : 2008 - 4.30 REAR AXLE RATIO

Efficiency : 0.93 No Transfer Box

VCB Code	Ratios		Speed Km/h	Max Gradeability												
	ZF 8HP	450517/2		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)							
8GFB1BE1				7000							10500					
	I°	4.71	23.43	37.48							23.77					
	L.	.67	164.73	3.5							2.06					

Tyres : 20663 - 225/75R16 L.I. INCRE Rear Axle Ratio : 7133 - 4.556 R. AXLE RATIO

Efficiency : 0.93 No Transfer Box

VCB Code	Ratios		Speed Km/h	Max Gradeability												
	ZF 8HP	450517/2		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)							
8GFB1BE1				7000							10500					
	I°	4.71	22.12	40.12							25.33					
	L.	.67	155.48	3.89							2.33					