

DAILY

**50C17 HI-MATIC
NEW DAILY EURO 5b+ (FIC 3.0l)**



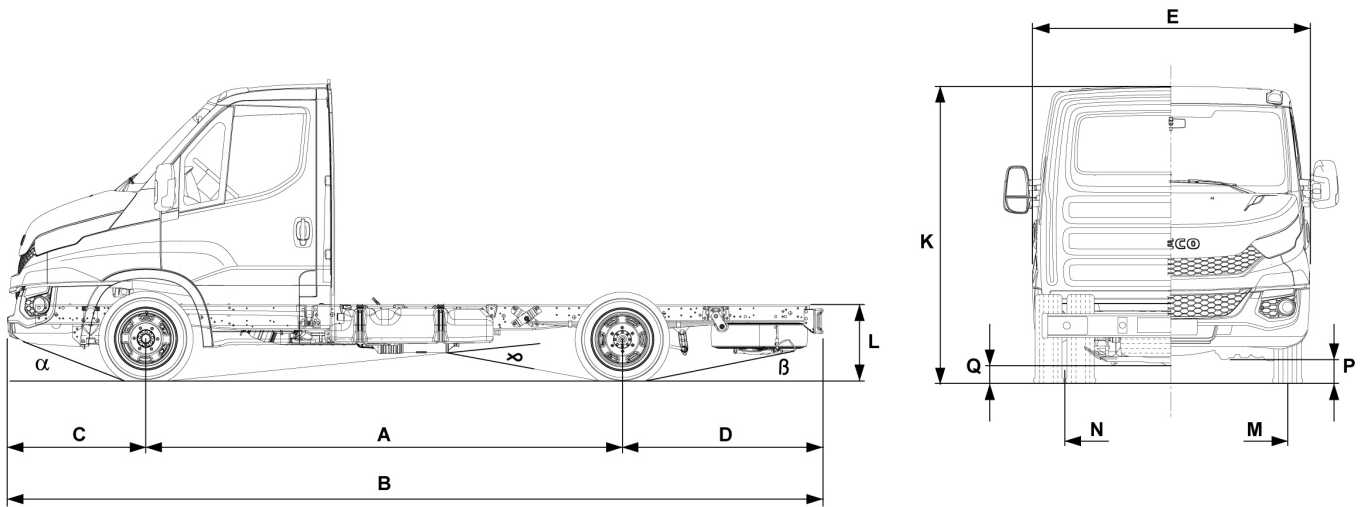
The information in this literature is intended to be of a general nature only. Iveco reserves the right to modify or change specifications at any time.

IVECO

List of linked VCB

VCB Code	Gearbox	Wb	Cabin	Drive
8EEBIAEI	ZF 8HP	3000	LSTS	LHD
8EEBIAEA	ZF 8HP	3000	LSTD	RHD
8EEBIBEI	ZF 8HP	3450	LSTS	LHD
8EEBIBEA	ZF 8HP	3450	LSTD	RHD
8EEBIEEI	ZF 8HP	3750	LSTS	LHD
8EEBIEEA	ZF 8HP	3750	LSTD	RHD
8EEBIHEI	ZF 8HP	4100	LSTS	LHD
8EEBIHEA	ZF 8HP	4100	LSTD	RHD
8EEBINEI	ZF 8HP	4350	LSTS	LHD
8EEBINEA	ZF 8HP	4350	LSTD	RHD
8EEBIPEI	ZF 8HP	4750	LSTS	LHD
8EEBIPEA	ZF 8HP	4750	LSTD	RHD

Weights & dimensions



3000 3450 3750 4100 4350 4750

Overall length (over RUP) (B)	5378	5943	6533	6953	7373	8238
Max width over wings (cab) (E)	2010	2010	2010	2010	2010	2010
Front axle to front of body (H)	1410	1410	1410	1410	1410	1410
Frame height end of frame, unladen(L)	771	771	778	781	778	781
Frame height front axle, unladen	586.81	584	582	582	582	582
Frame height rear axle, unladen	719.64	718	718	715	718	715
Front overhang (C)	1008	1008	1008	1008	1008	1008
Rear overhang (D)	1370	1485	1795	1845	2015	2480
Minimum ground clearance (front)	180	181	195	196	196	194
Minimum ground clearance (rear)	152	171	178	177	177	159
Overall height to top of cab, unladen(K)	2283	2276	2270	2264	2263	2258
Turning diameter kerb to kerb	11116	12526	13466	14564	15348	16604

Weights & dimensions

	3000	3450	3750	4100	4350	4750
Turning diameter wall to wall	11730	13146	14090	15190	15976	17234
Front track (M)	1754	1724	1724	1724	1724	1724
Rear track (N)	1542	1542	1542	1542	1542	1542
Approach angle (°)	19.1	19.3	19.4	19.5	19.6	19.7
Departure angle (°)	14.1	11.6	9.2	8.9	8	11.5
Ramp angle (°)	23.8	20.5	18.3	17.2	16.2	14.7
Left hand drive vehicle drawing	5801824129	5801824144	5801824156	5801824166	5801824173	5801824175
Total vehicle kerb weight	2019	2049	2061	2082	2096	2120
Kerbweight - F.A.	1381	1406	1412	1432	1439	1450
Kerbweight - R.A.	638	643	649	650	657	670
G.V.W. (EC)	5200	5200	5200	5200	5200	5200
Plated weight on F.A. (EC)	2100	2100	2100	2100	2100	2100
Plated weight on rear axle (EC)	3700	3700	3700	3700	3700	3700
Trailer weight (inertia brake)	3500	3500	3500	3500	3500	3500
Max body & Payload (EC)	3181	3151	3139	3118	3104	3080
Side members thickness	4	4	4	4	4	4
Side members max height	182	182	182	182	182	182
Flange width	70	70	70	70	70	70
Frame width at rear	860	860	860	860	860	860

Note:

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

Model Components
FCP - MT - 4,5-5T - 4,5 - 5 Ton
Weights (in general)

GVW (kg)	5200 (4600 - 5200)
GCW (kg)	8700 (8100 - 8700)

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 - FICFL41IH - Engine FIC 170hp Euro5+ LD VGT
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")	430

Engine - Miscellaneous

Injection system	HIGH PRESSURE / COMMON RAIL
Cold starting type	THERMOSTARTER

Cooling

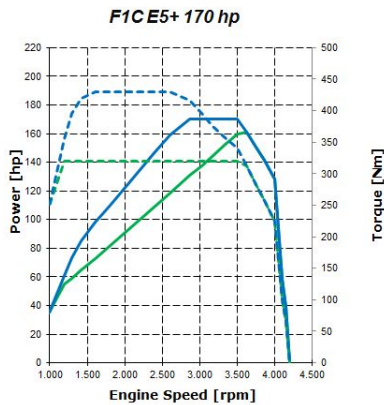
Cooling system	water
Fan type	electromagnetic

Air intake

Filter type	DRY
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Model Components

FCP - EP - 170 EU5 - ENGINE FIC 170CV EURO 5 LD



Engine

Power kW	125
Power Hp	170
Rpm at Max Power	3500
Torque Nm	430
Rpm 1/min (min)	800
rpm (min. "Max Torque" eng. speed)	1600
Type of turbocharging	VGT

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 - 4505 I I - Iveco S.R. rear axle

Other features

Axle Type	RIGID
Axle weight without susp. and tyres (Kg)	154.4
Reduction type	single

Brakes

Brakes according to standards	EC
Brake type	Disc

Model Components
FTP - FS - AMA021N - Torsion bar 21 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

Features of the brakes (front wheels) :

35C - 50C : 2 calipers, diameter 2x48 mm - disc: diameter 290 mm, thickness: 28 mm

FTP - RS - PMA037N - Leaf springs 37 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 ara 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 - AB05605RI - Chassis 174 x 66 x 4
Chassis (mm)

Frame section	PARALLEL
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Chassis / W.B.

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

FTP - FR - AB06215RI - Chassis 174 x 66 x 4
Chassis (mm)

Frame section	PARALLEL
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Chassis / W.B.

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

FTP - FR - AB06615RI - Chassis 174 x 66 x 4
Chassis (mm)

Frame section	PARALLEL
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Chassis / W.B.

Section shape	"C"
Wheelbase mm	4100
Side members material	STEEL

FTP - FR - AB07040RI - Chassis 174 x 66 x 4
Chassis (mm)

Frame section	PARALLEL
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Chassis / W.B.

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

Model Components

FTP - FR - AB07900RI - Chassis 174 x 66 x 4

Chassis (mm)

Frame section PARALLEL

Chassis / W.B.

Section shape "C"

Wheelbase mm 4750

Side members material STEEL

FTP - FR - AB05040RI - Chassis 174 x 66 x 4

Chassis (mm)

Frame section PARALLEL

FCS - M0000 - 04488 - SYSTEM ESP 9

Braking system

Features -

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 Schleppmoment 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

Model Components

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

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 - 20661 - 195/75R16 IC I10/I08 2120/4000

Tyres

Rolling circumference m.	2.132
Dinamic Radius m	.339
Rolling resistance Coefficient	.007

FCS - D0000 - 00003 - REAR AXLE RATIO 4.44

Rear Axle Ratios

Rear axle ratio	4.44
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FCS - D0000 - 06010 - REAR AXLE RATIO 3.60

Rear Axle Ratios

Rear axle ratio	3.615
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FCS - D0000 - 06006 - 3.15 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	3.15
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FCS - D0000 - 07136 - 5.111 REAR AXLE RATIO

Rear Axle Ratios

Rear axle ratio	5.111
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FCS - MPN00 - 00567 - 110 AH BATTERIES

Electrics

Batteries capacity V/Ah	12 V / 110 Ah
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FDP: A50C MARKET: I100 Model: 50C17A8

Calculations

Tyres :	20661 - 195/75R16 IC 110/108	Rear Axle Ratio :	3 - R. AXLE RATIO 4.44
Efficiency :	0.93	No Transfer Box	

VCB Code	Ratios		Speed Km/h	Max Gradeability									
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)				Total Weights (vehicle+trailer) (Kg)					
8EEB1AE1				5200					8700				
	I°	4.71	21.41	54.18					29.38				
	L.	.67	150.5	4.99					2.7				

Tyres :	20661 - 195/75R16 IC 110/108	Rear Axle Ratio :	6006 - 3.15 REAR AXLE RATIO
Efficiency :	0.93	No Transfer Box	

VCB Code	Ratios		Speed Km/h	Max Gradeability									
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)				Total Weights (vehicle+trailer) (Kg)					
8EEB1AE1				5200					8700				
	I°	4.71	30.18	35.63					20.18				
	L.	.67	160	1.81					.8				

Tyres :	20661 - 195/75R16 IC 110/108	Rear Axle Ratio :	6010 - R. AXLE RATIO 3.60
Efficiency :	0.93	No Transfer Box	

VCB Code	Ratios		Speed Km/h	Max Gradeability									
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)				Total Weights (vehicle+trailer) (Kg)					
8EEB1AE1				5200					8700				
	I°	4.71	26.3	41.89					23.43				
	L.	.67	160	3.11					1.57				

Tyres :	20661 - 195/75R16 IC 110/108	Rear Axle Ratio :	7136 - 5.111 R. AXLE RATIO
Efficiency :	0.93	No Transfer Box	

VCB Code	Ratios		Speed Km/h	Max Gradeability									
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)				Total Weights (vehicle+trailer) (Kg)					
8EEB1AE1				5200					8700				
	I°	4.71	18.6	65.77					34.44				
	L.	.67	130.75	6.33					3.5				