

# DAILY

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



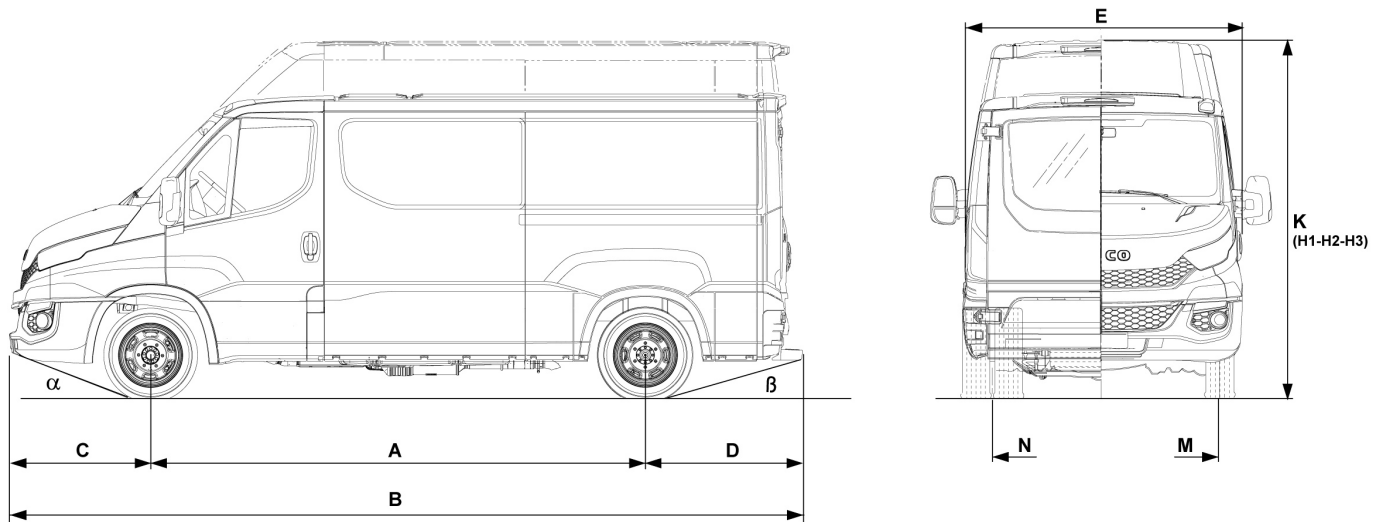
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IVECO

**List of linked VCB**

<b>VCB Code</b>	<b>Gearbox</b>	<b>Wb</b>	<b>Tetto</b>	<b>Drive</b>
8PEB4CE1	ZF 8HP	3520	1545 (H1)	LHD
8PEB4CE2	ZF 8HP	3520	1900 (H2)	LHD
8PEB4CEA	ZF 8HP	3520	1545 (H1)	RHD
8PEB4CEB	ZF 8HP	3520	1900 (H2)	RHD
8PEB4DE2	ZF 8HP	3520L	1900 (H2)	LHD
8PEB4DE3	ZF 8HP	3520L	2100 (H3)	LHD
8PEB4DEB	ZF 8HP	3520L	1900 (H2)	RHD
8PEB4DEC	ZF 8HP	3520L	2100 (H3)	RHD
8PEB4HE2	ZF 8HP	4100	1900 (H2)	LHD
8PEB4HE3	ZF 8HP	4100	2100 (H3)	LHD
8PEB4HEB	ZF 8HP	4100	1900 (H2)	RHD
8PEB4HEC	ZF 8HP	4100	2100 (H3)	RHD
8PEB4LE2	ZF 8HP	4100L	1900 (H2)	LHD
8PEB4LE3	ZF 8HP	4100L	2100 (H3)	LHD
8PEB4LEB	ZF 8HP	4100L	1900 (H2)	RHD
8PEB4LEC	ZF 8HP	4100L	2100 (H3)	RHD

### Weights & dimensions



	3520 H1	3520 H2	3520L H2	3520L H3	4100 H2	4100 H3	4100L H2	4100L H3
Total length (B)	5669	5669	6069	6069	7234	7234	7629	7629
Total length without footstep	5558	5558	5963	5963	7128	7128	7498	7498
Max width (E)	2010	2010	2010	2010	2010	2010	2010	2010
Front overhang (C)	1008	1008	1008	1008	1008	1008	1008	1008
Rear overhang (D)	1141	1141	1541	1541	2126	2126	2521	2521
Rear overhang without footstep	1030	1030	1435	1435	2020	2020	2390	2390
Overall height to top of cab, unladen(K)	2460	2740	2740	2940	2740	2940	2740	2940
Turning diameter kerb to kerb	12744	12744	12744	12744	14564	14564	14564	14564
Turning diameter wall to wall	13366	13366	13366	13366	15190	15190	15190	15190
Front track (M)	1724	1724	1724	1724	1724	1724	1724	1724
Rear track (N)	1542	1542	1542	1542	1542	1542	1542	1542
Volume (m <sup>3</sup> )	9	10.8	12	13.4	16	18	17.5	19.6
Internal height van (mm)	1545	1900	1900	2100	1900	2100	1900	2100
Internal width van (mm)	1740	1740	1740	1740	1740	1740	1740	1740
Van internal length (mm)	3130	3130	3540	3540	4680	4680	5125	5125
Floor height (unladen)	770	770	780	765	760	760	760	760
Wheelhouses distance (mm)	1032	1032	1032	1032	1032	1032	1032	1032
Approach angle (°)	16.08	16.08	16.08	16.08	16.25	16.25	16.25	16.25

### Weights & dimensions

	3520 H1	3520 H2	3520L H2	3520L H3	4100 H2	4100 H3	4100L H2	4100L H3
Departure angle (°)	19.13	19.13	13.83	13.83	9	9	7.89	7.89
Left hand drive vehicle drawing	5801846983	5801846983	5801846984	5801846985	5801846986	5801846987	5801846988	5801846989
Rear door(s) height (mm)	1450	1800	1800	2000	1800	2000	1800	2000
Side door(s) width (mm)	1260	1260	1260	1260	1260	1260	1260	1260
Side door(s) height (mm)	1425	1800	1800	1800	1800	1800	1800	1800
Total vehicle kerb weight	2408	2414	2433	2474	2541	2640	2580	2691
Kerbweight - F.A.	1385	1382	1318	1338	1383	1421	1355	1392
Kerbweight - R.A.	1023	1032	1115	1136	1158	1219	1225	1299
G.V.W.	5200	5200	5200	5200	5200	5200	5200	5200
Plated weight on front axle	2100	2100	2100	2100	2100	2100	2100	2100
Plated weight on rear axle	3700	3700	3700	3700	3700	3700	3700	3700
Max body & payload	2792	2786	2767	2726	2659	2560	2620	2509
Rear door(s) width (mm)	1530	1530	1530	1530	1530	1530	1530	1530

#### Notes:

For "Van internal length" is considered the "Load compartment length".

The "Overall height to top of cab, unladen (K)" is the maximum height referred to a vehicle with a QUAD-TOR suspension.

The "Total vehicle kerbweight" considers the minimum kerbweight with minimum optionals.

The "Side door(s) width" considers the maximum width up to 780mm height.

**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 - FURGONE - Van**
**Version**

Version	VAN
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## Model Components

Remarks:

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.

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°).

### FCP - DR - SX - LH drive

#### Drive

Left

### FCP - DR - DX - RH drive

#### Drive

Right

### FTP - EN - FICFL41 IH - Engine FIC 170hp Euro5+ LD VGT

#### Engine

Manufacturer

FPT

Position

FRONT

## FDP: A50V MARKET: I100 Model: 50C17A8 V

### Model Components

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 <sup>3</sup>	2998
Exhaust gas treatment	EGR
(Torque, generic ref. only. See: "EP")	430

### Engine - Miscellaneous

Injection system	HIGH PRESSURE / COMMON RAIL
Cold starting type	THERMOSTARTER

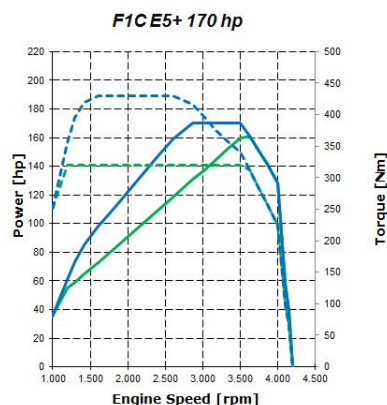
### Cooling

Cooling system	water
Fan type	electromagnetic

### Air intake

Filter type	DRY
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## FCP - EP - I70 EU5 - ENGINE FIC I70CV 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

### Model Components

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 - 450511 - 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

### 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 - AB05560RI - Chassis 174 x 66 x 4

#### Chassis (mm)

Frame section	PARALLEL
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#### Chassis / W.B.

Section shape	"C"
Wheelbase mm	3300
Side members material	STEEL



**Model Components**
**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  
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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 - BD - FN3115S - Van H1 - 3520 - Sx**
**Loading compartment**

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

**Cabin**

Type of cabin	Semi-forward
Structure material	Steel
No. of places	3
No. of seats	2
Cabin doors no.	2

**FTP - BD - FN3119S - Van H2 - 3520 - Sx**
**Loading compartment**

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

**Cabin**

Type of cabin	Semi-forward
Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Cabin doors no.	2
Wind-up window type	full electrical

## Model Components

### FTP - BD - FN3521S - Van H3 - wheelbase 3520L - Sx

#### Loading compartment

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

#### Cabin

Type of cabin	Semi-forward
Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Cabin doors no.	2
Wind-up window type	full electrical

### FTP - BD - FN4719S - Van H2 - wheelbase 4100 Sx

#### Loading compartment

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

#### Cabin

Type of cabin	Semi-forward
Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Cabin doors no.	2
Wind-up window type	full electrical

### FTP - BD - FN4721S - Van H3 - wheelbase 4100 - Sx

#### Loading compartment

Side door(s) No.	1
Side door(s) type	Sliding
Rear doors No.	2
Rear doors type	Side hung

#### Cabin

Type of cabin	Semi-forward
Structure material	steel plate
No. of places	3
No. of seats	2
Windscreen according to standards	EEC
Wind-up window type	full electrical

### FCS - D7000 - 02307 - STEEL WHEELS

#### Wheels

Rim type	DISC
Rim material	STEEL

### 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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**FDP: A50V MARKET: I100 Model: 50C17A8 V**

**Model Components**

**FCS - D0000 - 06010 - REAR AXLE RATIO 3.60**

**Rear Axle Ratios**

Rear axle ratio 3.615

**FCS - D0000 - 06006 - 3.15 REAR AXLE RATIO**

**Rear Axle Ratios**

Rear axle ratio 3.15

**FCS - D0000 - 07136 - 5.111 REAR AXLE RATIO**

**Rear Axle Ratios**

Rear axle ratio 5.111

**FCS - MPN00 - 00567 - 110 AH BATTERIES**

**Electrics**

Batteries capacity V/Ah 12 V / 110 Ah

### 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	Max Gradeability											
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)						
8PEB4CE1			Km/h	5200						8700					
	I°	4.71	21.41	54.18						29.38					
	L.	.67	150.5	4.99						2.7					
8PEB4CE2			Km/h	5200						8700					
	I°	4.71	21.41	54.17						29.38					
	L.	.67	150.5	4.84						2.61					
8PEB4DE3			Km/h	5200						8700					
	I°	4.71	21.41	54.17						29.38					
	L.	.67	150.5	4.71						2.53					

**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	Max Gradeability											
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)						
8PEB4CE1			Km/h	5200						8700					
	I°	4.71	30.18	35.63						20.18					
	L.	.67	160	1.81						.8					
8PEB4CE2			Km/h	5200						8700					
	I°	4.71	30.18	35.62						20.17					
	L.	.67	160	1.5						.62					
8PEB4DE3			Km/h	5200						8700					
	I°	4.71	30.18	35.61						20.17					
	L.	.67	160	1.25						.47					

**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	Max Gradeability											
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)						
8PEB4CE1			Km/h	5200						8700					
	I°	4.71	26.3	41.89						23.43					
	L.	.67	160	3.11						1.57					
8PEB4CE2			Km/h	5200						8700					
	I°	4.71	26.3	41.88						23.43					
	L.	.67	160	2.87						1.43					
8PEB4DE3			Km/h	5200						8700					
	I°	4.71	26.3	41.88						23.42					
	L.	.67	160	2.68						1.32					

**FDP: A50V MARKET: 1100 Model: 50C17A8 V**

**Calculations**

**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	Max Gradeability											
	ZF 8HP	450511		Total Weights (solo vehicle) (Kg)					Total Weights (vehicle+trailer) (Kg)						
8PEB4CE1			Km/h	5200						8700					
	I°	4.71	18.6	65.77						34.44					
	L.	.67	130.75	6.33						3.5					
8PEB4CE2	ZF 8HP	450511	Km/h	5200						8700					
	I°	4.71	18.6	65.77						34.44					
	L.	.67	130.75	6.21						3.43					
8PEB4DE3	ZF 8HP	450511	Km/h	5200						8700					
	I°	4.71	18.6	65.76						34.44					
	L.	.67	130.75	6.12						3.37					