DNILY

50C17 D HI-MATIC NEW DAILY EURO 5b+ (F1C 3.0l)





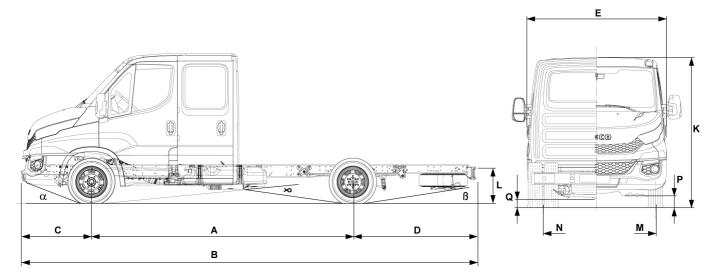


50C17 D HI-MATIC	FDP: A	50C MARKET: 11	00 MOD: 50	C17A8 D
		List of linked VCB		
VCB Code	Gearbox	Wb	Cabin	Drive
8EEB6BE1	ZF 8HP	3450	LDOS	LHD
8EEB6BEA	ZF 8HP	3450	LDOD	RHD
8EEB6EE1	ZF 8HP	3750	LDOS	LHD
8EEB6EEA	ZF 8HP	3750	LDOD	RHD
8EEB6HE1	ZF 8HP	4100	LDOS	LHD
8EEB6HEA	ZF 8HP	4100	LDOD	RHD
8EEB6NE1	ZF 8HP	4350	LDOS	LHD
8EEB6NEA	ZF 8HP	4350	LDOD	RHD



50C17 D HI-MATIC - NEW DAILY EURO 5b+ (FIC 3.0I)

Weights & dimensions



	3450	3750	4100	4350
Overall length (over RUP) (B)	5943	6553	6953	7373
Max width over wings	2010	2010	2010	2010
(cab) (E) Front axle to front of	2160	2160	2160	2160
body (H) Frame height end of frame, unladen(L)	757	768	763	768
Frame height front axle, unladen	578	573	574	573
Frame height rear axle, unladen	706	701	707	709
Front overhang (C)	1008	1008	1008	1008
Rear overhang (D)	1485	1795	1845	2015
Minimum ground clearance (front)	196	196	196	195
Minimum ground clearance (rear)	177	177	177	174
Overall height to top of cab,unladen(K)	2294	2287	2280	2277
Turning diameter kerb to kerb	12526	13466	14564	15348

IVECO

50C17 D HI-MATIC - NEW DAILY EURO 5b+ (FIC 3.0I)

			w	eights & d
	3450	3750	4100	4350
Turning diameter wall to wall	13146	14090	15190	15976
Front track (M)	1724	1724	1724	1724
Rear track (N)	1542	1542	1542	1542
Approach angle (°)	18.4	19.5	19.5	19.6
Departure angle (°)	11.5	9.2	9	8
Ramp angle (°)	20	18.2	16.6	15.7
Left hand drive vehicle drawing	5801824750	5801824753	5801824759	5801824763
Total vehicle kerb weight	2208	2220	2243	2256
Kerbweight - F.A.	1490	1502	1532	1539
Kerbweight - R.A.	718	718	711	717
G.V.W. (EC)	5200	5200	5200	5200
Plated weight on F.A. (EC)	2100	2100	2100	2100
Plated weight on rear axle (EC)	3700	3700	3700	3700
Trailer weight (inertia brake)	3500	3500	3500	3500
Max body & Payload (EC)	2992	2980	2957	2944
Side members thickness	4	4	4	4
Side members max height	182	182	182	182
Flange width	70	70	70	70
Frame width at rear	860	860	860	860

Note:

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

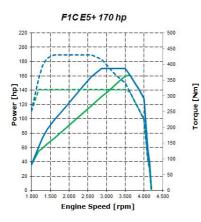


FDP: A50C MARKET: 1100 Model: 50C17A8 D		
Model Components		
FCP - MT - 4,5-5T - 4,5 - 5 Ton		
Weights (in general)		
GVW (kg)	5200 (4600 - 5200)	
GCW (kg)	8700 (8100 - 8700)	
Notes:		
The weights are indicated more precisely in the section: "Weights and dimensi	ons".	
The values of GVW / GCW can vary according to the markets and the homolo		
FCP - CA - 4X2 - 4x2		
Configuration		
Axle Configuration	4 X 2	
FCP - VE - 6+1 - Crew cab 6+1		
Version		
Version	Crew cab 6+1	
FCP - DR - SX - LH drive		
Drive Left		
FCP - DR - DX - RH drive		
Drive		
Right		
FTP - EN - FICFL411H - 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 IN-LINE	
Cylinders layout 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	



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 I/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	I
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	I
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



Model Components

FTP - FS - AMA021N - Torsion bar 21 q **Suspensions** Springs material STEEL Front Axle Suspension Type Independent with torsion bar Shock absorbers HYDRAULIC TELESCOPIC Shock absorbers type 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** STEEL Springs material Shock absorbers Shock absorbers type HYDRAULIC TELESCOPIC 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
Chassis / W.B.	
Section shape	"C"
Wheelbase mm	3450
Side members material	STEEL
FTP - FR - AB06215R1 - Chassis 174 x 66 x 4	
Chassis (mm)	
Frame section	PARALLEL
Chassis / W.B.	
Section shape	"C"
Wheelbase mm	3750
Side members material	STEEL
FTP - FR - AB06615R1 - Chassis 174 x 66 x 4	
Chassis (mm)	
Frame section	PARALLEL
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
Chassis / W.B.	
Section shape	"C"
Wheelbase mm	4350
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

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 - LDOS - Double Cab LH

Cab	
Version	DOUBLE CAB
Cab type	SEMI-ADVANCED FIRM
Material	STEEL PLATE
Roof	
Roof material	SYNTHETIC, WASHABLE
Dimensions	
Front Area	3.8
Air Penetration Coefficient	.7
Doors	
Front doors no.	4
Front doors type	SIDE HUNG, INTERNALLY COVERED WITH FABRIC
Front doors opening angle	64°
Window operation	MANUAL ON RIGHT - MANUAL ON LEFT
Rear view mirrors	
Rear view mirr no	2
Mirrors control	MANUAL
Kerbside approach mirror	
Heating	
Fan speed no.	4
Air conditioning control	MANUAL
Heating control	MANUAL
Windscreen	
Windscreen type	STRENGTHENED - LAMINATED, ATHERMIC
Windscreen according to standards	EEC



FDP: A50C MARKET: 1100 Model: 50C17A8 D		
Model Components		
Windscreen wiper		
No. of windscreen wiper speeds	3	
No. of windscreen wipers	2	
Seats		
No. of places	7	
No. of seats	3	
Driver seat adjustme	IN HEIGHT, LENGTH AND BACK INCLINATION	
Passenger seat type	TWO SEATS BENCH	
Central seat type	4 POSITIONS - TILTABLE	
Miscellaneous		
Lighter		
Windows		
Side rear windows		
Chassis cab		
Doorway lever		
Glove compartment		
Cab floor	COVERED WITH SYNTHETIC MATERIAL	
Monolithic execution		
Plastic covering		

Armrest

Model Components

Remarks:

Anti-corrosion protection includes full cataphoretic 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, Z 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 lveco 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 byany means switch them off. Windscreen wiper with intermittent wipe.

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

FTP - CL - LDOD - Double Cab RH

Cab	
Version	DOUBLE CAB
Cab type	SEMI-ADVANCED FIRM
Material	STEEL PLATE
Roof	
Roof material	SYNTHETIC, WASHABLE
Doors	
Front doors no.	4
Front doors type	SIDE HUNG, INTERNALLY COVERED WITH FABRIC
Front doors opening angle	64



SeatsNo. of places7No. of seats3Driver seat adjustmeIN HEIGHT, LENGTH AND BACK INCLINATIONPassenger seat typeTWO SEATS BENCHCentral seat type4 POSITIONS - TILTABLEMiscellaneousILighterVindowsSide rear windowsStars and the seat typeDoorway leverSeat seat typeGlove compartmentCOVERED WITH SYNTHETIC MATERIALMonolithic executionROVERED WITH SYNTHETIC MATERIALPlastic coveringStarsen WITH SYNTHETIC MATERIAL	M	lodel Components
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Lighter Windows Side rear windows Chassis cab Doorway lever Glove compartment Cab floor COVERED WITH SYNTHETIC MATERIAL Monolithic execution Plastic covering	Central seat type	4 POSITIONS - TILTABLE
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Glove compartment Covered with synthetic material Cab floor COVERED WITH SYNTHETIC MATERIAL Monolithic execution Plastic covering	Chassis cab	
Glove compartment Covered with synthetic material Cab floor COVERED WITH SYNTHETIC MATERIAL Monolithic execution Plastic covering	Doorway lever	
Monolithic execution Plastic covering		
Plastic covering	Cab floor	COVERED WITH SYNTHETIC MATERIAL
	Monolithic execution	
	Plastic covering	
Armrest	Armrest	

Model Components

Remarks:

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

Anti-corrosion protection includes full cataphoretic 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.

Interior equipment:

Storage compartments, shelves in overhead console, shelves at floor level below seats, interior lights, 2 spotlights, loud-speakers, gearshift lever on dashboard.

Central console:

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 on left side, rear lights crossbar.

In cab equipment :

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
- Service
- Tachograph failure
- Coolant temperature
- EOBD
- Engine preheating Water in fuel filter
- Clogged air filter
- Clogged fuel filter

COMFORT LCD Display panel includes : odometer - clock - headlamp orientation - trip computer - service - "Follow me" - seat belts not fastened - speed limits exceeding.

Switches on central console:

Rear fog lights - Hazard lights

Switches on central console (upper): Central differential lock lamp - Central differential lock switch - Rear differential lock lamp - Rear differential lock - Front differential lock lamp (opt.) - Front differential lock switch (opt.) - ABS failure lamp (if present) - Differential locks failure lamp - ABS disconnection lamp (if present)

Multifunction stalks:

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

Windscreen wiper with intermittent wipe.

FCS - D7000 - 02307 - STEEL WHEELS	
Wheels	
Rim type	DISC
Rim material	STEEL



Model Components

	•				
FCS - 10000 - 20661 - 195/75R16 IC 110/108 2120/4000					
Tyres					
Rolling circumference m.	2.132				
Dinamic Radius m	.339				
Rolling resistance Coefficient	.007				
FCS - D0000 - 00003 - REAR AXLE RAT	ΓΙΟ 4.44				
Rear Axle Ratios					
Rear axle ratio	4.44				
FCS - D0000 - 06010 - REAR AXLE RAT	ΓΙΟ 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 BATTE	RIES				
Electrics					
Batteries capacity V/Ah	12 V / 110 Ah				



D	•	4
-		

A50C MARKET: 1100

Model: 50C17A8 D

Calculations

Tyres :	20661 -	195/75R16 IC	C 110/108		Rear A	xle Ratio :	3	3 - R. AXLE RATIO 4.44					
Efficiency :	: 0.93 M					No Transfer Box							
VCB Code	Rat	ios	Speed			Max Gradeability							
	ZF 8HP	450511	Km/h	Total Weights (solo vehicle) (Kg) Total Weights (vehicle+					e+traile	r) (Kg)			
				5200			. 8/	8700					
	I ° 4.71		21.41	54.18				29.38					
	L67	- 4.44	150.5	4.99				2.7					
Tyres : 20661 - 195/75R16 IC 110/108 Rear Axle Ratio : 6006 - 3.15 REAR AXLE RATIO								10					
Efficiency :	v: 0.93 No Transfer Box												
VCB Code	Rat	ios	Speed			M	lax Grad	eabilit	v				
	ZF 8HP	450511	Km/h	Total \	Veights (s	olo vehicle)			•	s (vehicl	e+traile	r) (Kg)	
				5200				8700					
	I ° 4.71		30.18	35.63				20.18					
	L67	- 3.15	160	1.81				.8					
Tyres :	20661 -	195/75R16 IC	C 0/ 08		Rear A	xle Ratio :	60)10 - R.		RATIO) 3.60		
Efficiency :	0.93			No Transfer Box									
VCB Code	Rat	ios	Speed			M	lax Grad	eabilit	y				
	ZF 8HP	450511	Km/h	Total \	Fotal Weights (solo vehicle) (Kg) Total Weights (vehicle+trailer) (K						r) (Kg)		
				5200				8700					
	I° 4.71		26.3	41.89				23.43					
	I° 4.71 L. .67	- 3.615	26.3 160	41.89 3.11				23.43 1.57					
Tyres :	L67	- 3.615	160		Rear A	Axle Ratio :	71	1.57	R.	AXLE	RATIO		
Tyres : Efficiency :	L67		160			Axle Ratio : ansfer Box	71	1.57	III R.	AXLE	RATIO		
-	L67 20661 -	 95/75R16 IC	160			ansfer Box	71 71 Iax Grad	1.57 1 36 - 5.		AXLE	RATIO		
Efficiency :	L67 20661 - 0.93 Rat	 95/75R16 IC	160 C 110/108	3.11	No Tra	ansfer Box	lax Grad	.57 36 - 5. eabilit	y		RATIO		
Efficiency : VCB Code	L67 20661 - 0.93 Rat	195/75R16 IC	160 C 110/108 Speed	3.11	No Tra	ansfer Box M	lax Grad	.57 36 - 5. eabilit	y				
Efficiency : VCB Code	L67 20661 - 0.93 Rat	195/75R16 IC	160 C 110/108 Speed	3.11 Total \	No Tra	ansfer Box M	lax Grad	.57 36 - 5. eabilit Total	y				

130.75

6.33

3.5

L.

.67