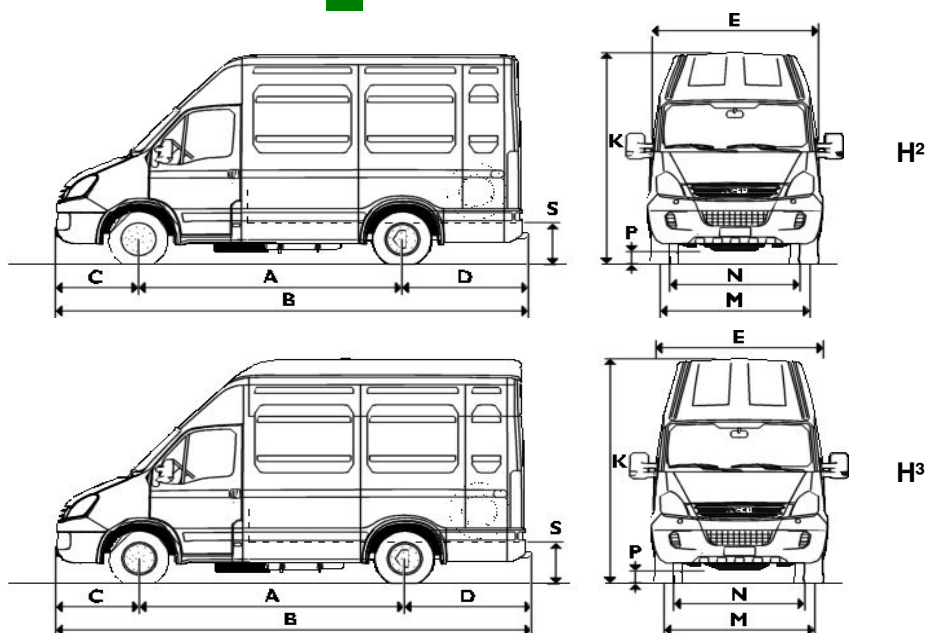


# IVECO

# 50C15VH

## Twin Rear Wheels



### DIMENSIONS (mm)

A Wheel base		3950	
Roof		H <sub>2</sub>	H <sub>3</sub>
B	Maximum Length	7012	
K	Overall Height (Unladen)	2745	2930
C	Front overhang	998	
E	Max cab Width	1996	
M	Front Track	1696	
N	Rear Track	1541	
S	Unladen Frame Height at Rear of Frame	735	
P	Rear Ground Clearance	180	
D	Rear Overhang	2064	
Turning circle: kerb/kerb		14020	
Turning circle: wall/wall		15140	
Cargo area			
Internal length		4540	
Internal width		1800	
Internal height		1900	2100
Wheel house distance (internal)		1030	
Rear door	Width	1540	
	Height	1780	1990
Side door	Width	1250	
	Height	1780	
Capacity (m3)		15,6	17,2
Weights (Kg) *			
GVW		5200	
GTW		8700	
Front Axle Capacity		1900	
Rear Axle Capacity		3700	
Kerb Weight Front Axle		1425	1425
Kerb Weight Rear Axle		1145	1185
Kerb Weight Total		2570	2610
Max Body and Payload Capacity		2630	2590

\* Weights for Van are with full fuel, oils, water and include driver.

The information in this literature is intended to be of general nature only. Iveco reserves the right to modify or change specifications at any time. For more detailed information refer to your dealer.

# 50C15VH

## ENGINE

Type F1C E0481- 4 stroke diesel cycle-Watercooled-16 valves (4 per cylinder)

- DOHC - High Pressure Common Rail direct injection + EDC

- Turbocharger and intercooler + Wastegate - Cast-iron engine

block with aluminium cylinder head - Suspended Oil Sump - Dual mass

flywheel. Integrated Vacuum and Steering Pumps . Glow plugs .

Blow - by system .

### Basic data

Number of Cylinders	4 In Line
Bore x Stroke	95,8 mm x 104 mm
Total Displacement	2998 cm <sup>3</sup>
Maximum Output	107 kW (146 hp) at 3000 ±3500 rpm
Maximum Torque	350 Nm at 1400÷2600 rpm
Green Zone	1500 - 2750 rpm

Emission according **Euro 3**

## FRAME

C Section steel longitudinal side members with tapered ends and tubular cross members.

Wheel base	3950
Number of Cross Members	7
Side Member Height	182
Side Member Width	70
Side Member Thickness	4

## TRANSMISSION

Six speeds Overdrive ,synchromesh manual transmission.

Push/Pull cable control. Gear Lever on Dashboard .

Performance rating (calculated value with standard tyres and axle ratio):

Gear	Gear Ratio	Maximum Geared Speed (Km/h)	Gradeability at GVW (%)
1 <sup>st</sup>	5,37	--	> 35
6 <sup>th</sup>	0,79	> 130	--

### Power Take-Off

Facility for side mounted PTO. Maximum torque output : 180 Nm.

## CLUTCH

Single dry plate hydraulic.

External Diameter: 279,5 mm (11" ).

Total Contact Surface: 772 cm<sup>2</sup>

## FRONT AXLE

Independent wheels.

## REAR AXLE

Rigid,bevel and crown,single reduction.

Axle Ratio - Standard : 3,60

## SUSPENSION

### Front

Independent with Torsion Bar .

Anti-roll bar is Standard.

### Rear

Parabolic leaf springs and rubber rebound bumpers.

Anti-roll bar is Standard.

### Shock Absorbers

Front and rear heavy duty hydraulic telescopic shock absorbers.

## ELECTRICAL SYSTEM

New CAN Bus digital communication line electrical system. According to EU rules.

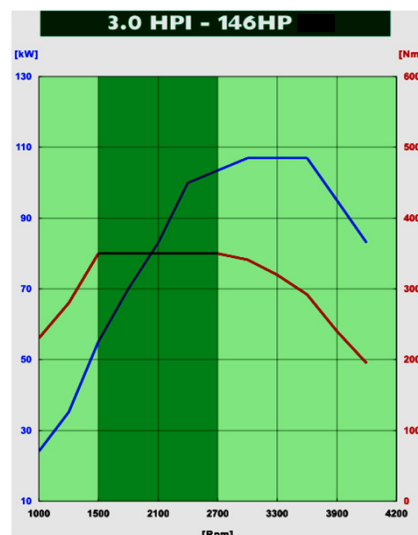
Voltage: 12 volt (dual positive poles for additional service)

Battery maintenance free:12 Volt-110 Ah

Alternator : 110 Ah (140 Ah, opt.)

Starter: 2.3 kW

Electric outlet for body and auxiliary equipments: in-cab in the fuses box and inside the engine bonnet



## BRAKING SYSTEM

Ventilated Disc brakes front and rear.

Brake Dimensions : Front / Rear

Disc Diameter (mm) : 290 / 290

Brake Calipers(n°xmm) : 2x48 / 2x44

### Service and Emergency

Dual circuit with vacuum servo.

Floating disc caliper with auto wear adjustment . Brake level pad front / rear wear indicators.

Asbestos free pads

Emergency brake built into the service brake system.

### Parking Brake

Manual brake operating on rear wheels.

### ABS 8 Standard

## STEERING

Power steering. Diameter of steering wheel 420 mm, with steering lock. Three piece steering column with connecting universal joints.

## WHEELS / TYRES (Standard)

Tyres: ( 6 + 1 Spare) 195/75 R 16

Wheels: 5 JK - 16H

## OTHER EQUIPMENT

Spare wheel located behind left wheel arch inside of cargo area

70 litre sole shaped fuel tank, with fuel filler on cab pillar, with key lock.

Front and Rear integrated Fog Lights

New wide angle rearview mirrors with integrated indicators lights.

New instrument cluster LCD display

Front recovery eye.

Exhaust pipe with manifold longitudinally positioned on the right side with stub-pipe outlet placed within the side members.

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