

# DAILY

TECHNICAL DESCRIPTION

NEW DAILY 4x4



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55SI5E3A8 WX - Chassis cab 4x4

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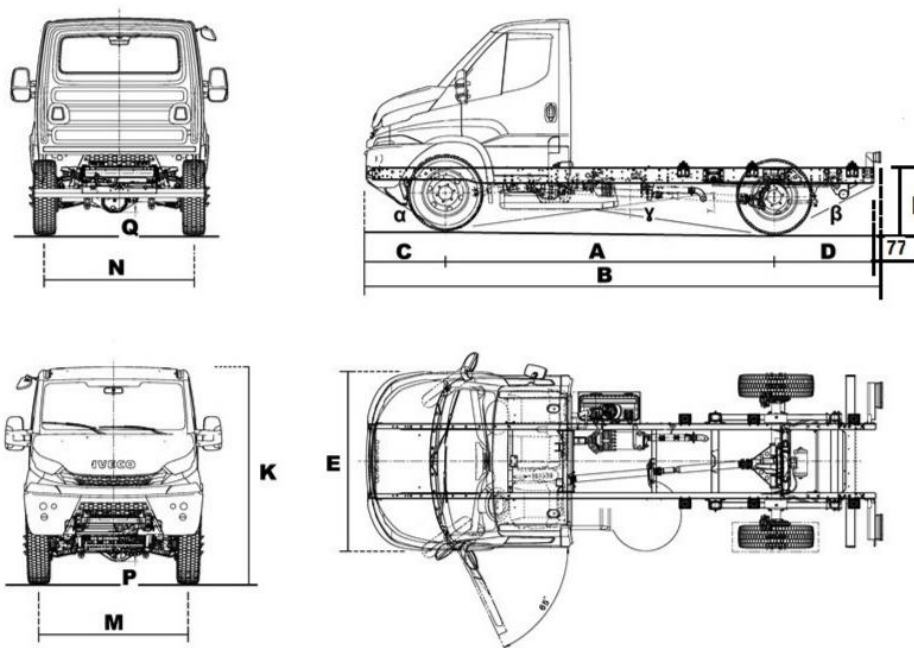
**IVECO**

Your partner for sustainable transport

**LIST OF LINKED VCB**

<b>VCB code</b>	<b>Gearbox</b>	<b>Wheelbase</b>	<b>Cabin</b>	<b>Drive</b>
W51NIGE1	8HP70L	3080	LSTS	LH
W51NIJE1	8HP70L	3480	LSTS	LH
W51NISE1	8HP70L	3780	LSTS	LH
W51NITE1	8HP70L	4175	LSTS	LH

## DIMENSIONS & WEIGHTS



### DIMENSIONS (MM)

Wheelbase (A)	<b>3080</b>	<b>3480</b>	<b>3780</b>	<b>4175</b>
Max length (B)	4943	5348	5853	6818
Max width over wings (cab) (E)	2056	2056	2056	2056
Front axle to front of body (H)	1490	1490	1490	1468
Frame height at end of frame, unladen (L)	898	897	896	906
Frame height at front axle, unladen	797	796	798	796
Frame height at rear axle, unladen	875	875	873	874
Front overhang (C)	928	928	928	928
Rear overhang (D)	935	940	1145	1715
Minimum ground clearance (front) (P)	291	291	291	291
Minimum ground clearance (rear) (Q)	256	256	256	256
Overall height to top of cab, unladen (K)	2531	2527	2525	2521
Turning diameter kerb to kerb	12700	14100	14900	16100
Turning diameter wall to wall	13500	14600	15600	16900
Front track (M)	1725	1725	1725	1725
Rear track (N)	1713	1713	1713	1713
Approach angle $\alpha$ (°)	36	36	36	36
Departure angle $\beta$ (°)	36	36	30	18
Ramp angle $\gamma$ (°)	25	21	20	---
Side members thickness	5	5	5	5
Side members max height	184	184	184	184
Side members flange width	69	69	69	69
Frame width at rear	864	864	864	864

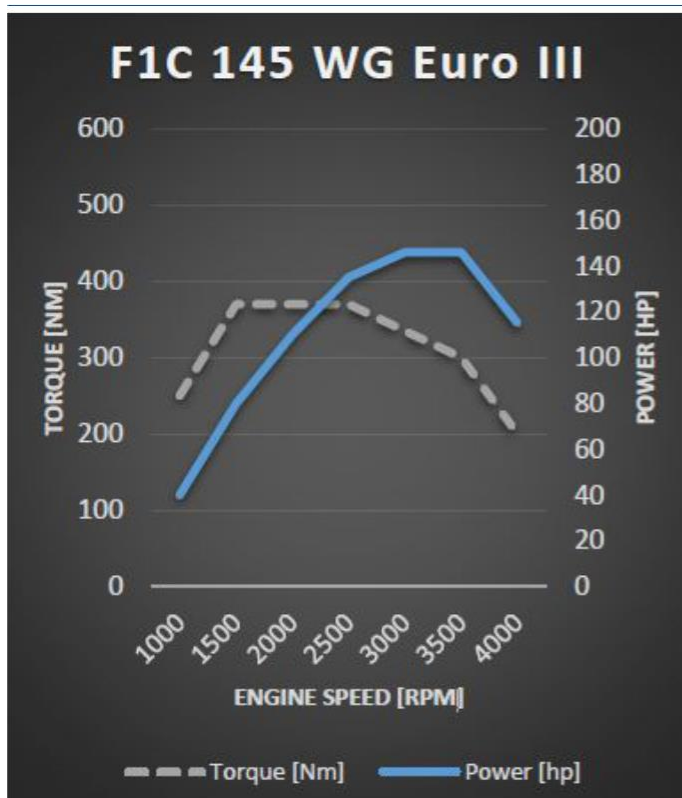
WEIGHTS (KG)

Wheelbase	3080	3480	3780	4175
Total vehicle kerb weight	2861	2868	2878	2900
Kerbweight on Front Axle	1853	1885	1848	1900
Kerbweight on Rear Axle	1008	983	1030	1000
G.V.W. (EC)	5500	5500	5500	5500
Plated weight on Front Axle	2450	2450	2450	2450
Plated weight on rear axle(s)	3700	3700	3700	3700
Max body & Payload	2639	2632	2622	2600

Wheelbase	Type	Drawing
3080	Left hand drive	5802447618
3480	Left hand drive	5802447623
3780	Left hand drive	5802447624
4175	Left hand drive	5802447625

## MODEL COMPONENTS

### DRIVELINE



#### I50EIII - 150 CV EIII

Maximum power: 107 kW (145 HP) @ 3500 rpm

Maximum torque: 36 Kgm (350 Nm) @ 1500 rpm

#### Type of turbocharging:

Waste gate.

Antiwear Pack. No DPF.

### GEARBOX

Gearbox model	Gearbox Type	Installation	Box material	Dry weight Kg	Max input torque Nm	No. of forward gears	No. of reverse gears		
8HP70L	AUTOMATIC	ENGINE FLANGED	ALUMINIUM	89	470	8	1		

### GEAR RATIOS

Gearbox model	1st	2nd	3rd	4th	5th	6th	7th	8th	rev. 1st									
8HP70L	4.696	3.130	2.104	1.667	1.285	1	0.839	0.667	3.297									

### CLUTCH

Gearbox model	Type	Actuation	Adjustment	Outer diameter (inches)	Release control
8HP70L	---	---	---	---	---

### REAR AXLE RATIO

Option code	00014	72244 *
Ratio	5.13	5.857

\*: Standard axle ratio

## MODEL COMPONENTS

### TYRES & WHEELS

Code	Tyres	Front	Rear	Dynamic Radius m	Rolling resistance Coefficient	Tyre dimensions	Speed index	Rolling circumference m
20339	Standard	9,00R16	9,00R16	.426	0.007	225/75 R 16C	K = 110 KM/H	2.68
20112	Optional	265/70R19,5	265/70R19,5	.421	.0075	265/70 R 19.5	M = 130 KM/H	2.642
20551	Optional	265/70R19,5	265/70R19,5	.423	.0075	265/70 R 19.5	M = 130 KM/H	2.657

#### Wheels

Rim type DISC Rim material STEEL

### AXLES

Position	Description
Rear	4517/3 - Drive axle

#### Front axle

Independent suspensions. Anti rolling bar. Max Loading Weight: 2500 kg / 2700 kg (depending on different tyres)

#### Rear Axle

Rigid axle with differential lock. Antirolling bar. Max Loading Weight: 5000 kg



### PERFORMANCE

\* Max Speed. Calculated speed on the basis of engine rpm and axle ratios. Real speed limits must take into account the speed index of the tyres: K = 110 km / h L = 120 km / h M = 130 km / h

\*\* Theoretically calculated values, arising from the engine torque without considering the road-friction values and the stability limits of the vehicles. When calculating with more than one tyres or more than one axle ratio, availability of each combination must be checked.

Speed and gradeability values are rounded.

**A** = Total Weights (solo vehicle) Kg - Max Gradeability % **B**

= Total Weights (vehicle+trailer) Kg - Max Gradeability %

Tyre: 20339 - 225/75 R16		Efficiency: 0.91		No transfer box						
Gearbox model 8HP70L										
Axle Ratio	Gear Ratio	Gear Ratio	Speed km/h	Speed km/h	RPM at 80 km/h	RPM at 90 km/h	A		B	
							5500	9000	1°	8°
5.13	4.696	0.667	23.36	164.48	1704	1918	34.55	2.86	20.08	1.48
5.857	4.696	0.667	20.46	144.06	1946	2189	40.32	3.81	23.18	2.05

## MODEL COMPONENTS

### CABIN



#### CAB EXTERIOR

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

Handles on A-pillar on both sides, rear underrun protection, spare wheel, rear lights crossbar. Anti-corrosion protection includes full cathodic 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.

#### CAB INTERIOR

##### Equipment:

Glass area for improved visibility. 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. No. of places: 3

##### Driver's seat:

All new lower height high comfort driver seat - 3 way adjustable.

##### Passenger's seat:

Fixed, 2 seats bench with drawer under seat.

##### Floor:

Covered with rubber mats.

##### Central console:

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

##### 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 - Water in fuel filter

## MODEL COMPONENTS

- Clogged air filter - Clogged fuel filter.

### Multifunction stalks:

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

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.

(The equipment can vary according to the markets / homologations; for a complete list of Daily options please contact local Iveco distributor. The images shown here are for illustrative purposes only).

## 90L FUEL TANK

### Notes:

tank in plastic, capacity 90 litres, on left side of the vehicle.

Not available on 3080 mm wheelbase.

## 110 L FUEL TANK

### Notes:

tank in plastic, capacity 110 litres, on the left side of the vehicle, fuel filter.

Standard on chassis cab with 3080 mm wheelbase. In this case the spare wheel under chassis is not available.

Always available as an option (77739).

## TRANSFER BOX

### Type

Model	TC400
OFF ROAD Low Ratio	2.15
OFF ROAD Normal Ratio	0.9

### Notes:

All wheel drive: permanent

Percentage of torque distribution - front: 50

Percentage of torque distribution - rear: 50

PTO prearrangement.

It is possible to manage independently from the axles motion the activation of the PTO.

- The PTO can work also with the vehicle in motion.
- There is a specific **switch** on the basis of the driver seat that manages the motion transmission to axles.

## SUSPENSIONS

**Front:** Independent suspensions / Double wishbone with torsion bar + reinforced stabilizer bars ( Ø 22 mm ).

**Rear:** Parabolic suspensions / No. of leaves : 3 + reinforced stabilizer bars ( Ø 28 mm ).

## BATTERY

### Electrics

Batteries capacity V/Ah

12 V / 110 Ah

## ESP SYSTEM 9.1

**ABS-Antilock Braking System:** avoids wheel locking during the braking

**EBD-Electronic Brakeforce Distribution:** shares the brake force between the rear and front axle

**ESP-Electronic Stability Program:** brakes each wheel and controls the engine by reducing the number of revolutions if the vehicle becomes unstable

**ASR-Anti Slip Regulator:** acts on the engine and the brakes preventing the driving wheels from skidding

**MSR(DTC)- Motor Schleppmomenten Regelung (Drag Torque Control):** acts on engine speed to reduce the braking torque in release **HHC-Hill Hold Control:** acts



## MODEL COMPONENTS

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on the braking pressure to hold the vehicle in up hill departure to assist the driver

**LAC-Adaptive Load Control:** recognizes the longitudinal load distribution

**HRB-Hydraulic Rear Wheel Boost:** in case of emergency braking, it boost the rear braking force, thus allowing a reduction in the vehicle stopping distance

**HFC-Hydraulic Fading Compensation:** the system is able to detect fading condition of the brakes and thus to increase the brake circuit pressure up to ABS intervention

**RMI-Roll Movement Intervention:** mitigate dangerous roll-over situations during highly dynamic driving, e.g. evasive maneuvers, J-turn, Fishhook

**ROM-Roll Over Mitigation:** extension of RMI by mitigation of rollover at quasi-stationary maneuvers, e.g. motorway exit.

## MISCELLANEOUS

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### Brakes:

Front (diam. x thick.): 301x30 ventilated

Pads: 2 x 60 mm<sup>2</sup>

Surface: 202 cm<sup>2</sup>

Rear (diam. x thick.): 306x28 ventilated

Pads: 2 x 48 mm<sup>2</sup>

Surface: 138 cm<sup>2</sup>

### Steering:

hydraulic, wheel diameter: 394 mm, steering column in 3 parts.

### Differential locks:

Standard: front, transversal (central), rear.

### Bull bar:

Available as an option for chassis cab, crew cab and van versions.

### Winch on front:

Available as an option.

### Exhaust pipe:

Standard: central. Available as options, depending on different versions: LH side, LH Rear, vertical, rear.