

DAILY

TECHNICAL DESCRIPTION
NEW DAILY 4x4



55SI5E3A8 D WX - Crew cab 6+1 4x4

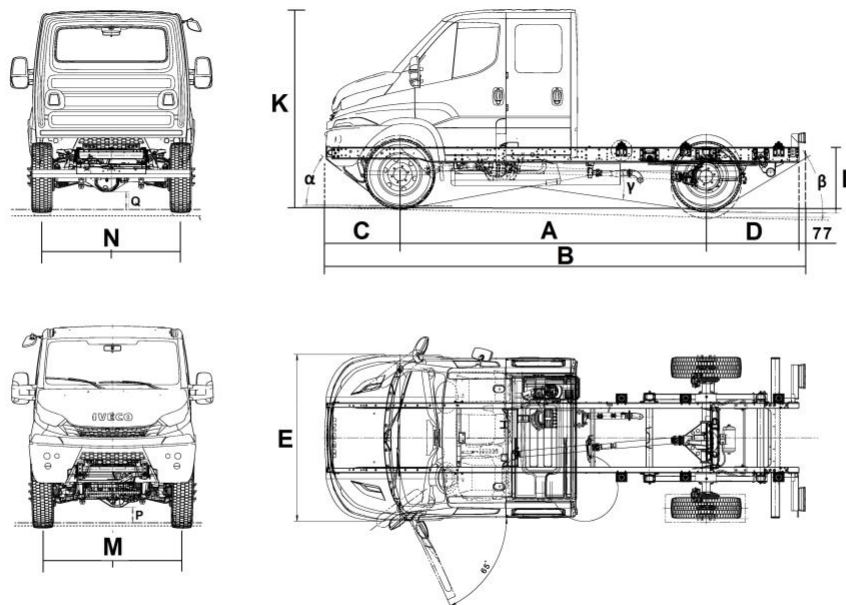
IVECO

Your partner for sustainable transport

LIST OF LINKED VCB

VCB code	Gearbox	Wheelbase	Cabin	Drive
W51N6JEI	8HP70L	3480	LDOS	LH
W51N6SEI	8HP70L	3780	LDOS	LH
W51N6TEI	8HP70L	4175	LDOS	LH

DIMENSIONS & WEIGHTS



DIMENSIONS (MM)

Wheelbase (A)	3480	3780	4175
Max length (B)	5348	5853	6818
Max width over wings (cab) (E)	2057	2057	2057
Front axle to front of body (H)	2236	2236	2236
Frame height at end of frame, unladen (L)	893	893	905
Frame height at front axle, unladen	783	785	783
Frame height at rear axle, unladen	870	868	869
Front overhang (C)	928	928	928
Rear overhang (D)	940	1145	1715
Minimum ground clearance (front) (P)	291	291	290
Minimum ground clearance (rear) (Q)	256	256	256
Overall height to top of cab, unladen (K)	2517	2515	2510
Turning diameter kerb to kerb	14100	14900	16100
Turning diameter wall to wall	14600	15600	16900
Front track (M)	1725	1725	1725
Rear track (N)	1713	1713	1713
Approach angle α (°)	36	36	36
Departure angle β (°)	36	30	18
Side members thickness	5	5	5
Side members max height	184	184	184
Side members flange width	69	69	69
Frame width at rear	864	864	864

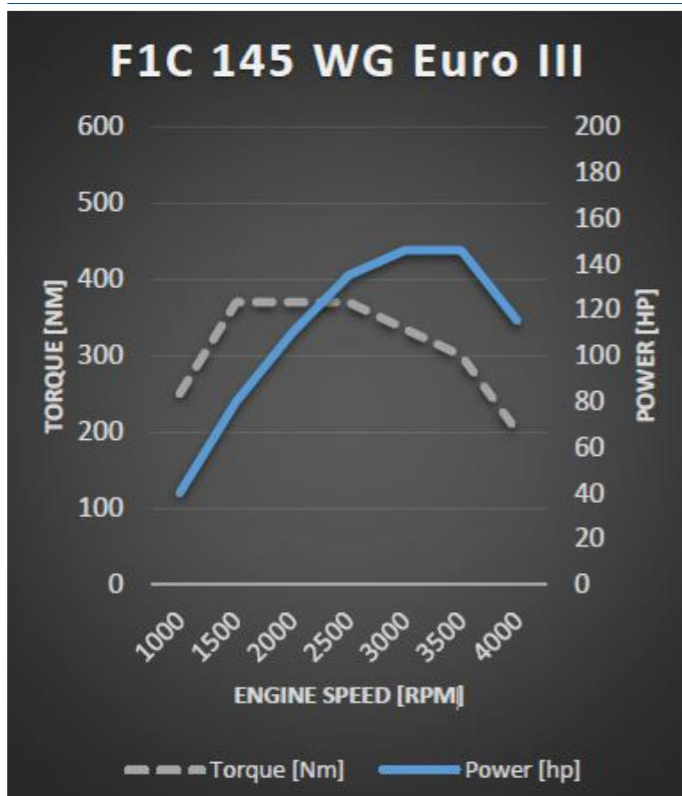
WEIGHTS (KG)

Wheelbase	3480	3780	4175
Total vehicle kerb weight	3233	3243	3265
Kerbweight on Front Axle	2100	2075	2140
Kerbweight on Rear Axle	1133	1168	1125
G.V.W. (EC)	5500	5500	5500
Plated weight on Front Axle	2450	2450	2450
Plated weight on rear axle(s)	3700	3700	3700
Max body & Payload	2267	2257	2235

Wheelbase	Type	Drawing
3480	Left hand drive	5802447626
3780	Left hand drive	5802447627
4175	Left hand drive	5802447628

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 tires)

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		Off road fast						
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	25.96	182.75	1704	1918	30.66	2.11	17.92	1.02
5.857	4.696	0.667	22.74	160.07	1946	2189	35.65	3.05	20.68	1.59

MODEL COMPONENTS

Tyre: 20339 - 225/75 R16				Efficiency: 0.91				Off road slow			
Gearbox model 8HP70L											
Axle Ratio	Gear Ratio 1°	Gear Ratio 8°	Speed km/h 1°	Speed km/h 8°	RPM at 80 km/h	RPM at 90 km/h	A		B		
							5500		9000		
							1°	8°	1°	8°	
5.13	4.696	0.667	10.87	76.50	1704	1918	100.00	9.28	47.84	5.38	
5.857	4.696	0.667	9.52	67.01	1946	2189	100.00	10.81	56.78	6.31	

MODEL COMPONENTS

CABIN



CAB EXTERIOR

Close proximity mirror on passenger's side, steps on both sides, front bumper, mudguard.
Handles on both sides, handle on A-pillar, rear underrun protection, spare wheel, rear lights crossbar. 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.

CAB INTERIOR

Equipment:

Greater 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: 7

No. of seats: 3

Driver's seat:

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

Passenger's seats:

Fixed, 2 seats bench with drawer under seat + 4 seats rear.

Floor:

Covered with rubber mats.

Central console:

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).

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

MODEL COMPONENTS

(s) - Open doors - Fuel gauge - Tachograph failure - Coolant temperature - EOBD - Water in fuel filter - 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.

Steering wheel with secure and comfortable grip (diameter 390 mm / inclination 42 degrees).

(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).

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).

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.

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 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.

MODEL COMPONENTS

MISCELLANEOUS

Brakes:

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

Pads: 2 x 60 mm²

Surface: 202 cm²

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

Pads: 2 x 48 mm

Surface: 138 cm²

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.