DAILY

TECHNICAL DESCRIPTION

NEW DAILY 4x4

55C15E3A8 V WX - Van 4x4

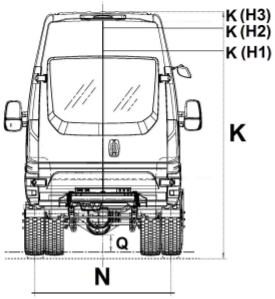
IVECO

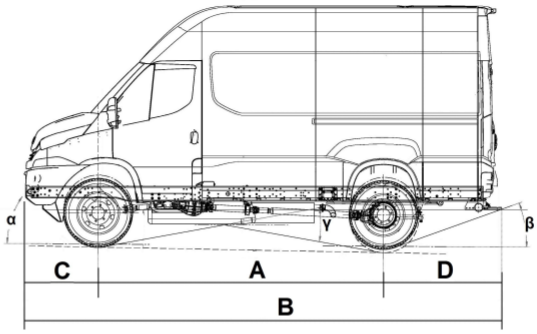
Your partner for sustainable transport

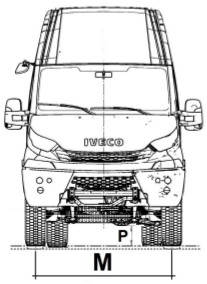
LIST OF LINKED VCB

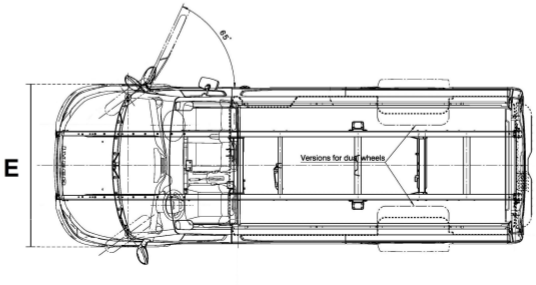
VCB code	Gearbox	Wheelbase	Roof	Drive
W81N4TE2	8HP70L	4175	1900 (H2)	LH
W81N4TE3	8HP70L	4175	2100 (H3)	LH

DIMENSIONS & WEIGHTS









DIMENSIONS (MM)

Wheelbase (A)	**4175 H2**	**4175 H3**
Max length (B)	7179	7179
Max width (E)	2049	2049
Front overhang (C)	928	928
Rear overhang (D)	2076	2076
Rear overhang without footstep	2021	2021
Overall height to top of cab, unladen (K)	2806	2997
Turning diameter kerb to kerb	16300	16300
Turning diameter wall to wall	17000	17000
Front track (M)	1728	1728
Rear track (N)	1663	1663
Approach angle α (°)	30	30
Departure angle β (°)	11	11
Volume (m³)	16	18
Internal height van (mm)	1900	2100
Internal width van (mm)	1740	1740
Internal length van (mm)	4647	4647
Floor height (unladen)	828	827
Wheelhouses distance (mm)	1032	1032
Rear door(s) height (mm)	1800	2000
Side door(s) width (mm)	1260	1260
Side door(s) height (mm)	1800	2000
Rear door(s) width (mm)	1530	1530

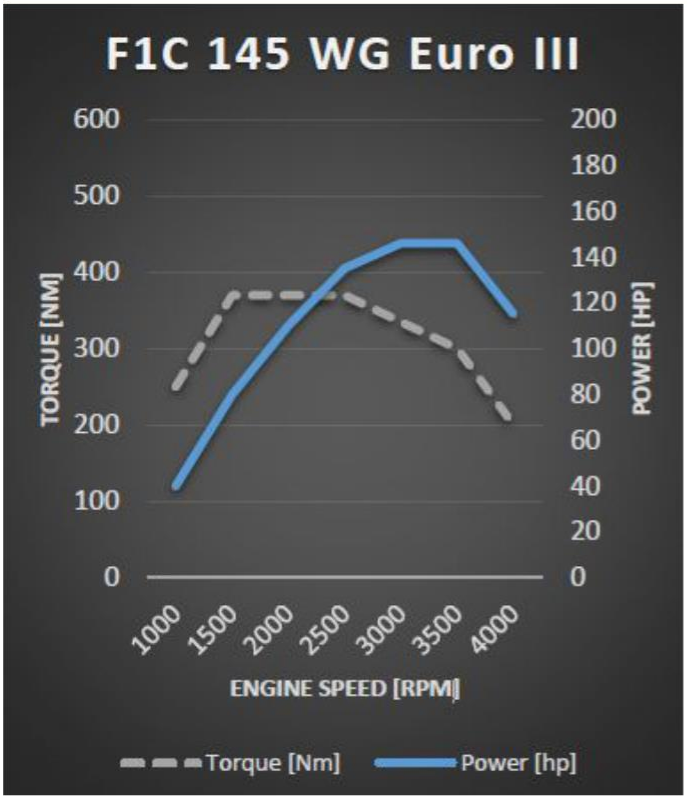
WEIGHTS (KG)

Wheelbase	**4175 H2**	**4175 H3**
Total vehicle kerb weight	3537	3565
Kerbweight on Front Axle	1775	1785
Kerbweight on Rear Axle	1762	1780
G.V.W. (EC)	5500	5500
Plated weight on Front Axle	2450	2450
Plated weight on rear axle(s)	3700	3700
Max body & Payload	1963	1935

	H2			**H3**	
Wheelbase	**Type**	**Drawing**	**Wheelbase**	**Type**	**Drawing**
4175	Left hand drive	5802447634	4175	Left hand drive	5802447634

MODEL COMPONENTS

DRIVELINE



150EIII - 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 - O.D.	0.667 - O.D.O.D	3.297											

CLUTCH

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

REAR AXLE RATIO

Option code	**02007 ***
Ratio	3.91

*: Standard axle ratio

MODEL COMPONENTS

TYRES & WHEELS

Code	Tyres	Front	Rear	Dynamic Radius m	Rolling resistance Coefficient	Rolling circumferenc e m
20663	Standard	225/75R16	225/75R16	.359	.0086	2.254
20662	Optional	225/75R16	225/75R16	.359	.0086	2.254

Wheels

Rim type DISC Rim material STEEL

AXLES

Position	Description
Rear	4517/2 - 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: 20663 - 225/75R16 L.I. INCREASED **Efficiency: 0.91** **Off road fast**

Gearbox model 8HP70L

H1

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 5500 1°	A 5500 8°	B 9000 1°	B 9000 8°
3.91	4.696	0.667	28.64	201.66	1542	1734	27.23	1.22	15.92	0.41

H2

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 5500 1°	A 5500 8°	B 9000 1°	B 9000 8°
3.91	4.696	0.667	28.64	201.66	1542	1734	27.23	0.99	15.92	0.27

MODEL COMPONENTS

H3

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 5500 1°	A 5500 8°	B 9000 1°	B 9000 8°
3.91	4.696	0.667	28.64	201.66	1542	1734	27.22	0.80	15.92	0.16

Tyre: 20663 - 225/75R16 L.I. INCREASED **Efficiency: 0.91** **Off road slow**

Gearbox model 8HP70L

H1

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 5500 1°	A 5500 8°	B 9000 1°	B 9000 8°
3.91	4.696	0.667	11.99	84.42	1542	1734	83.39	8.07	42.10	4.59

H2

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 5500 1°	A 5500 8°	B 9000 1°	B 9000 8°
3.91	4.696	0.667	11.99	84.42	1542	1734	83.39	8.03	42.10	4.56

H3

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 5500 1°	A 5500 8°	B 9000 1°	B 9000 8°
3.91	4.696	0.667	11.99	84.42	1542	1734	83.39	8.00	42.10	4.54

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

on the braking pressure to hold the vehicle in up hill departure to assist thedriver
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, Fishhock
ROM-**Roll Over Mitigation**: extension of RMI by mitigation of rollover at quasi-stationary maneuvers, e.g. motorway exit.

VAN/COMBI BODY

Code	Description	Cabin type	Structure material	No. of places	No. of seats	Cabin door no.	Slide door no.	Side door type	Rear Door No.	Rear Door Type
FN7015S	H1 Van - 3595 wheelbase - LHD	Semi-forward	steel plate	3	2	2	1	Sliding	2	Side hung
FN7019S	Furg. H2 - passo 3595 - Sx	Semi-forward	steel plate	3	2	2	1	Sliding	2	Side hung
FN7119S	Furg. H2 - passo 3595L - Sx	Semi-forward	steel plate	3	2	2	1	Sliding	2	Side hung
FN7121S	Furg. H3 - passo 3595L - Sx	Semi-forward	steel plate	3	2	2	1	Sliding	2	Side hung
FN7219S	Furg. H2 - passo 4175 - Sx	Semi-forward	steel plate	3	2	2	1	Sliding	2	Side hung
FN7221S	Furg. H3 - passo 4175 - Sx	Semi-forward	steel plate	3	2	2	1	Sliding	2	Side hung