

ENGINE

IVECO FIA 2.3l - 4 stroke diesel with direct-injection, turbocharger and intercooler. Water-cooled with electromagnetic fan. Cast-iron engine block with aluminium cylinder head. New generation common rail injection system. Exhaust gas recirculation system - EGR. Exhaust system with muffler longitudinally positioned on the right side and stub-pipe located mid-way down right side of vehicle.

Basic data

Number of cylinders	4 (16 valves) vertical in line.
Bore x stroke	88 mm x 94 mm.
Total displacement	2287 cm ³
Engine	2.3 HPT*
Power (hp/Kw)	136/100
At rpm:	1700-3000
Torque (Nm/lbft)	320/236
At rpm:	1700-3000

*HPT: High Performance Turbine with VGT - Variable Geometry Turbo.

FRAME

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

Wheelbase (mm)	3000	3300	3950
Cross members	5	6	7
Side member height (mm)	150	150	150
Side member width (mm)	56	56	56
Side member thickness (mm)	3	3	3

TRANSMISSION

Six speed synchromesh overdrive manual transmission.

Type: 6S400 OD.

1st	4.994
2nd	2.598
3rd	1.522
4th	1.000
5th	0.777
Rev.1st	4.506

Optional transmission automated: AGile

Six speed synchromesh overdrive automated transmission.

Type: 6AS400.

1st	5.373
2nd	3.154
3rd	2.041
4th	1.365
5th	1.000
6th	0.791
Rev.1st	4.838

CLUTCH

Single dry plate.

Hydraulically controlled.

External diameter: 267 mm (10¹/₂).

AXLES

Front: IVECO 5817 independent, 1800 kg capacity.

Rear: IVECO RS NDA S.W. semi-floating single reduction, 2240 kg capacity.

Rear axle ratio: 3.73:1

SUSPENSION

Front: Independent with steel transversal leaf spring integrated with double-acting telescopic shock absorbers and anti-roll bar.

Rear: Single reinforcement leaf springs, rubber rebound bump stops, anti-roll bar and shock absorbers.

LIGHTING & SIGNALING SYSTEM

Halogen headlamps; twin front and rear fog lamps and twin reverse lamps; third stop light.

WHEELS / TYRES

Tyres: 225/65 R16.

Wheels: 6.5JK 16H2.

ELECTRICAL SYSTEM

Battery: 12V - 110 Ah.

Alternator: 12V - 140 A.

Trailer wiring to rear of chassis.

BRAKING SYSTEM

ABS 8 with EBD - Electronic Brake force Distribution.

Front / Diameter Ventilated disc brakes / 300 mm.

Rear / Diameter Disc brakes / 296 mm.

Parking brake Manual brake operating on rear axle.

Service brakes:

Dual circuit with vacuum servo.

Pad wear warning light for front and rear brakes.

STEERING

Power steering. Steering wheel diameter 420 mm.

Three piece steering column with connecting universal joints.

OTHER EQUIPMENT

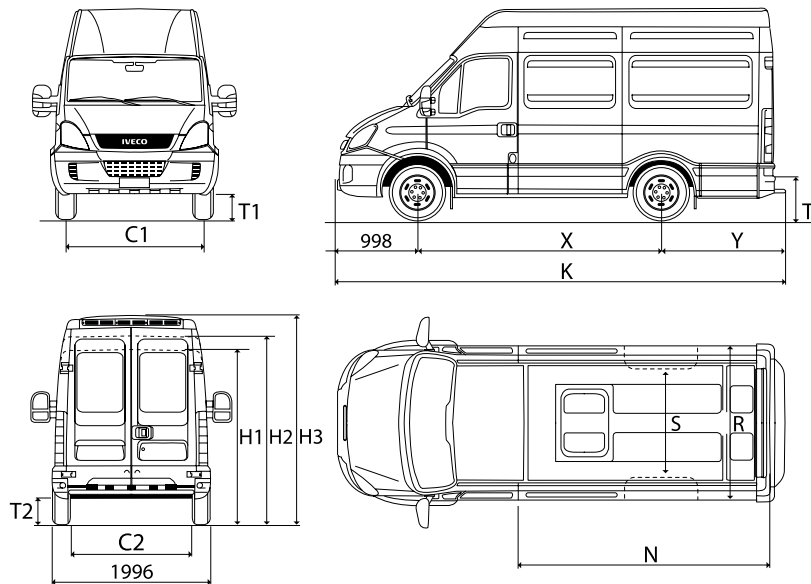
- Spare wheel carrier located under floor of cargo area.
- 100 litres on nearside with locking fuel cap (70 litres on 3000L wheelbase).
- Reverse parking sensor integrated into rear step.
- Front tow hook.

CABIN

- Drivers airbag with seat belt pretensioners.
- Fully adjustable driver's seat with headrest.
- Three point inertia reel belt on all seats.
- Dual passenger seats with headrests.
- Cruise control.
- Electric windows.
- Exterior mirror with integrated wide angle and direction indicators, heated and electrically adjustable.
- Overhead console with storage shelf and standard space for additional equipment.
- Large dual storage pockets in doors.
- Underseat storage.
- Document storage compartment.
- Insulated compartment located on the dashboard.
- Body builders connectors.
- Single piece floor mat.
- 2 cup holders plus 1 bottle holder.
- Glove compartment with added storage.
- Additional in-dash storage.
- Clip holder.

DASHBOARD

- New soft-feeling anti-reflective material.
- Analogue electronic speedometer.
- Electronic tachometer.
- Fuel level indicator with reserve light indicator.
- Coolant temperature indicator with high temperature indicator light.
- Instrument light dimmer switch.
- Dash-mounted gear lever.
- 3 DIN drawers, one of which carries CD Player.
- LCD Display Panel includes: odometer, trip computer with distance, time, fuel consumption etc; headlamp orientation (dip/main); clock, external temperature, service indicator, gear selected with the automated transmission (only on AGile).
- Stereo radio/CD player (with CAN security).



SECURITY

- Central locking with remote control & door locking management.
- Steering lock.
- Engine immobilizer actuated by transponder on ignition key.
- Full bulkhead with window.

LOAD AREA

- Floor - steel ribbed with load lashing rings.
- Sides - reinforced with load lashing rings.
- Side access via top hung side sliding door internal step and grab handle.
- Rear access by hinged doors with stops at 90 and 270 degrees and grab handle.
- Interior lights at side and rear (door operated with individual isolation).
- Rear doors with windows.

CONSTRUCTION & FINISH

C-section steel longitudinal side members and tubular cross members with pressed steel unitary construction body mounted on rubber bushes. Anti-corrosion protection includes full catheporetic 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 housings and engine area. Polypropylene bumper and side mouldings.

CLIMATE CONTROL

Four speed electric fan with five different air distribution modes and cab recirculation. Windshield side window defroster and defogger through side and front fixed position air vents. Temperature-controlled air conditioned cab.

OPTIONS

- AGile - 6 speed automated transmission.
- ECAS - Electronically Controlled Air Suspension on rear axle available.
- Passenger airbags with seat belt tensioners plus side window airbags.
- ESP - Electronic Stability Programme (includes ASR - Traction control, MSR - Motor Torque Reduction, HBA - Hydraulic Brake Assist, HILL HOLDER).
- Suspended and heated driver and passenger seats.

DIMENSIONS (mm)

Vehicle	35S14	35S14	35S14
X Wheelbase	3000L	3300	3950
H Roof/Overall height (unladen)	H1/2270	H2/2640	H2/2670
K Overall length	5477	5997	7012
C1 Front track	1724	1724	1724
C2 Rear track	1690	1690	1690
T1 Front ground clearance	175	175	175
T2 Rear ground clearance	205	205	205
Y Rear overhang	1479	1699	2064
Turning circle: kerb to kerb	10380	11240	13160
Turning circle: wall to wall	11500	12400	14300

CARGO AREA (mm)

N Internal length	3000	3520	4560
R Internal width	1800	1800	1800
Internal height	1545	1900	1900
T Height of loading floor	695	695	695
S Wheel house distance (internal)	1320	1320	1320
Volume (m³)	8.3	12.0	15.6

REAR DOOR

Opening width	1540	1540	1540
Opening height	1430	1780	1780

SIDE DOOR

Opening width	1100	1250	1250
Opening height	1415	1780	1780

MASS (mm)

GVM	3800	3800	3800
Front axle capacity	1800	1800	1800
Rear axle capacity	2240	2240	2240
Kerb mass front axle	1210	1230	1275
Kerb mass rear axle	830	925	1005
Kerb mass total	2050	2155	2280
Payload capacity	1460	1350	1230

Kerb masses are with full fuel tank, oil, water, spare wheel, tools and include driver at 75 Kg. Maximum body width subject to mirror and lighting requirements.

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