

SCUDO

TECHNICAL SPECIFICATIONS

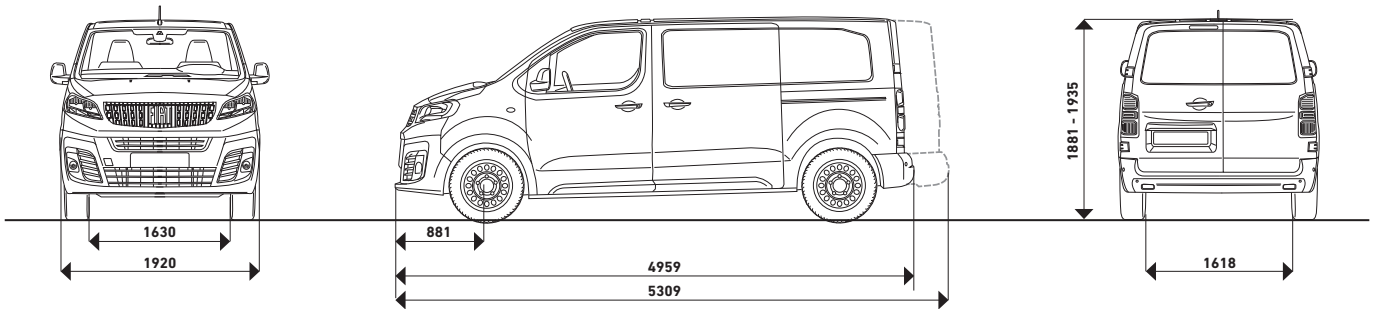


GOODS TRANSPORT

FIAT
PROFESSIONAL

TECHNICAL SPECIFICATIONS

SCUDO VAN



	SCUDO VAN STANDARD	SCUDO VAN MAXI
EXTERNAL DIMENSIONS (MM)		
Maximum length	4959	5309
Width (excluding mirrors)	1920	1920
Height (in running order)	1881	1935
Wheelbase	3275	3275
Overhang front/rear	881/803	881/1153
Track front/rear	1630/1618	1630/1618
LOAD COMPARTMENT DIMENSIONS (MM)		
Length	2512 - 3674*	2862 - 4026*
Maximum width / width between wheel arches	1628 / 1258	1628 / 1258
Height	1397	1397
Load threshold height	544	600
Rear door: width/height	1282 - 1220	1282 - 1220
Side door: width/height	935 - 1241	935 - 1241
Volume (m ³)	5,3 - 5,8*	6,1 - 6,8*

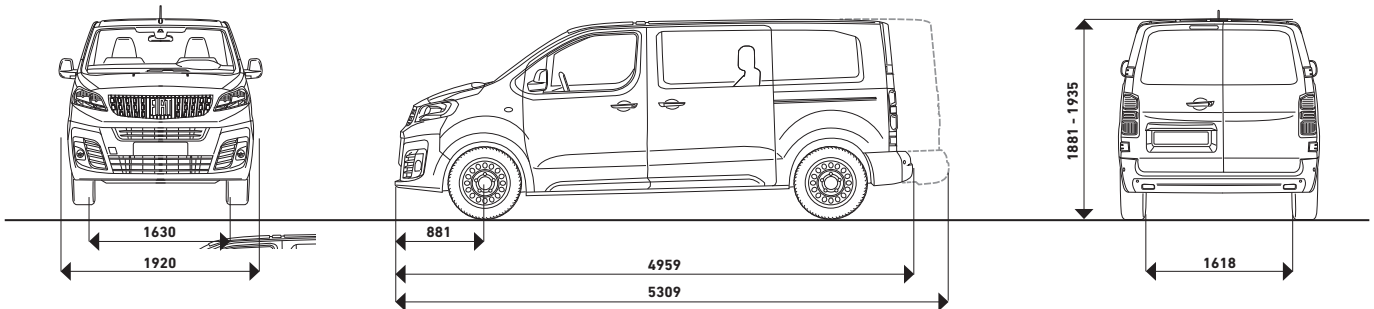
ENGINES (MASSES - KG)	1.5 MULTIJET3 102 HP S&S	1.5 MULTIJET3 120 HP S&S	2.0 MULTIJET3 145 HP S&S**	2.0 MULTIJET3 145 HP S&S AT8	2.0 MULTIJET3 180 HP S&S AT8	1.5 MULTIJET3 102 HP S&S	2.0 MULTIJET3 145 HP S&S**	2.0 MULTIJET3 145 HP S&S AT8	2.0 MULTIJET3 180 HP S&S AT8
Mass in running order (MRO)	1661	1662	1728	1762	1777	1745	1782	1796	1796
Payload	1034	1033	1102	1033	1013	1085	1318	1304	1304
Gross vehicle weight (GVW)	2695	2695	2830	2795	2790	2830	3100	3100	3100
Gross vehicle weight (GVW) with increased payload	2830	-	3100	3100	3100	-	-	-	-
Displacement (cm ³)	1499	1499	1997	1997	1997	1499	1997	1997	1997
Max power (kW (HP) / rpm)	75 (102) a 3500	88 (120) a 3500	106 (145) a 3750	106 (145) a 3750	130 (177) a 3750	75 (102) a 3500	106 (145) a 3750	106 (145) a 3750	130 (177) a 3750
Max torque (Nm / rpm)	270 a 1600	300 a 1750	340 a 2000	370 a 2000	400 a 2000	270 a 1600	340 a 2000	370 a 2000	400 a 2000
Emission standard level	E6d-FMC								
TRANSMISSION	6-speed manual			automatic 8-speed		6-speed manual		automatic 8-speed	
Drive									
Clutch	front								
CAPACITY									
Fuel tank capacity (litres)	69								

* with modularity

** values to be confirmed/available from sales network

TECHNICAL SPECIFICATIONS

SCUDO CREW CAB



	CREW FIXED CAB		CREW CABIN MOBILE	
	STANDARD	MAXI	STANDARD	MAXI
EXTERNAL DIMENSIONS (MM)				
Maximum length	4959	5309	4959	5309
Width (excluding mirrors)	1920	1920	1920	1920
Height (in running order)	1881	1935	1881	1935
Wheelbase	3275	3275	3275	3275
Overhang front/rear	881 / 803	881 / 1153	881 / 803	881 / 1153
Track front/rear	1630 / 1618	1630 / 1618	1630 / 1618	1630 / 1618
LOAD COMPARTMENT DIMENSIONS (MM)				
Length	1587	1937	1587 / 1953*	1937 / 2302*
Maximum width / width between wheel arches	1628 / 1258	1628 / 1258	1628 / 1258	1258
Height	1397	1397	1397	1397
Load threshold height	544	600	544	600
Rear door: width/height	1282 - 1220	1282 - 1220	1282 - 1220	1282 - 1220
Side door: width/height	935 - 1241	935 - 1241	935 - 1241	935 - 1241
Volume (m ³)	3,2	4	3,2	4

ENGINES (MASSES - KG)	1.5 MULTIJET ₃ 102 HP S&S	2.0 MULTIJET ₃ 145 HP S&S***	2.0 MULTIJET ₃ 145 HP S&S AT8	2.0 MULTIJET ₃ 180 HP S&S AT8	2.0 MULTIJET ₃ 145 HP S&S***	2.0 MULTIJET ₃ 145 HP S&S AT8	2.0 MULTIJET ₃ 180 HP S&S AT8
	Mass in running order (MRO)	1735	1810	1840	1840	1840	1880
Payload	960	1020 / 1220**	990 / 1185**	990 / 1185**	1260	1220	1220
Gross vehicle weight (GVW)	2695	2830 / 3030**	2830 / 3030**	2830 / 3030**	3100	3100	3100
Maximum towable weight (braked trailer)	2000	2300 / 2500**	2300 / 2500**	2300 / 2500**	2500	2500	2500
Maximum combined vehicle weight	4230	5000	5000	5000	5000	5000	5000
Displacement (cm ³)	1499	1997	1997	1997	1997	1997	1997
Max power (kW (HP) / rpm)	88 (120) a 3500	106 (145) a 3750	106 (145) a 3750	130 (177) a 3750	106 (145) a 3750	106 (145) a 3750	130 (177) a 3750
Max torque (Nm / rpm)	300 a 1750	340 a 2000	370 a 2000	400 a 2000	370 a 2000	370 a 2000	400 a 2000
Emission standard level	E6d-FMC						
TRANSMISSION							
Drive	6-speed manual		automatic 8-speed		6-speed manual	automatic 8-speed	
Clutch	front						
CAPACITY							
Fuel tank capacity (litres)	69						

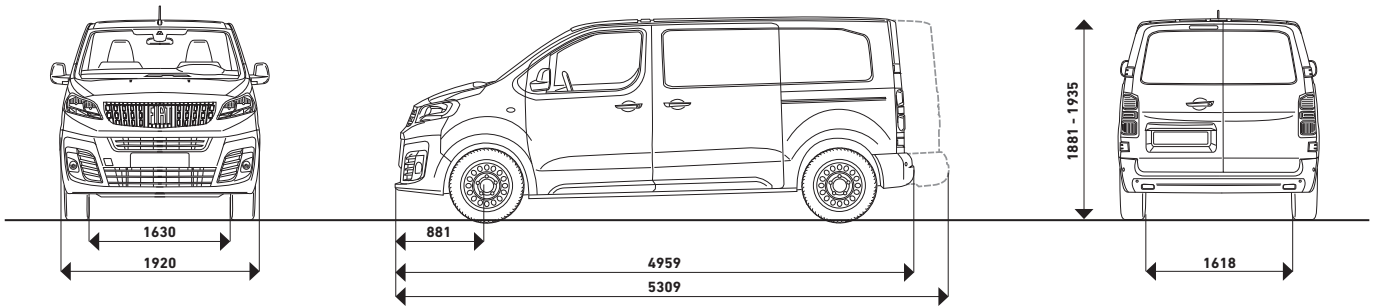
* with modularity

** Increased payload

*** values to be confirmed/available from sales network

TECHNICAL SPECIFICATIONS

E-SCUDO



LENGTH	E-SCUDO STANDARD			E-SCUDO MAXI		
	Battery pack	50 kW	75 kW	50 kW	75 kW	
Payload	Standard	Increased	Standard	Standard	Increased	Standard
EXTERNAL DIMENSIONS (MM)						
Length	4959			5309		
Width (without mirrors) - mm	1920			1920		
Width (with mirrors) - mm	2204			1935		
Height	1881	>1900*	1881	1935	>1900*	
Wheelbase	3275			3275		
Overhang front/rear	881 / 803			881 / 1153		
Track front/rear	1630 / 1618			1630/1618		
LOAD COMPARTMENT DIMENSIONS (MM)						
Length	2512 / 3674**			2862 / 4026**		
Maximum width / width between wheel arches	1628 / 1258			1628 / 1258		
Height	1397			1397		
Load threshold height	544* / 613*			600* / 633*		
Rear door: width/height	1282 - 1220			1282 - 1220		
Side door: width/height	935 - 1241			935 - 1241		
Volume (m ³)	5,3 - 5,8**			6,1 - 6,6**		
ELECTRIC MOTOR						
Electric motor type/poles number	Synchronous permanent magnet/4 poles			Synchronous permanent magnet/4 poles		
Max power (kW (HP) / rpm)	100					
Max torque (Nm / rpm)	260					
Top speed (km/h)	130					
0-100 km / h (in s) depending on the version	10,8 / 12,1		11,9 / 13,3	10,8 / 12,1		11,9 / 13,3
Range km (WLTP)	Up to 231		Up to 329	Up to 231		Up to 329
MASSES / VERSIONS						
Maximum combined vehicle weight	3 seats: 3875	3 seats: 4100	3 seats: 4100	3 seats: 3905	3 seats: 4100	3 seats: 4055
Gross vehicle weight (GVW)	3 seats: 2875	3 seats: 3100	3 seats: 3905	3 seats: 2905	3 seats: 3100	3 seats: 3055
MASS IN RUNNING ORDER (MRO) = CURB WEIGHT + 75KG (DRIVER WEIGHT)	3 seats: 1949		3 seats: 2100	3 seats: 1977		3 seats: 2128
Maximum towable weight (braked trailer)	1000			1000		
Payload including driver	3 seats: 926	3 seats: 1151	3 seats: 927	3 seats: 928	3 seats: 1123	3 seats: 927
Payload without driver	1001	1226	1002	1003	1198	1002

*Increased payload
**with modularity

DRIVING MODES	POWER	NORMAL	ECO
Power	100	80	60
Torque	260	210	190

TECHNICAL SPECIFICATIONS

	102 MULTIJET3	120 MULTIJET3	145 MULTIJET3	145 MULTIJET3 AUTOMATIC GEARBOX	180 MULTIJET3
ENGINE					
Displacement	1499 cm ³	1499 cm ³	1997 cm ³	1997 cm ³	1997 cm ³
N° of cylinders, layout	4, in line				
Fuel System	Electronically controlled Common Rail Multijet3 direct injection with variable geometry turbocharger and intercooler				
Power and torque	102 hp (75kW) at 3750 rpm 270 nm at 1750 rpm	120 hp (88kW) at 3750 rpm 300 nm at 1750 rpm	145 hp (106kW) at 3750 rpm 340 nm at 1750 rpm	145 hp (106kW) at 3750 rpm 370 nm at 1750 rpm	177 hp (130kW) at 3750 rpm 400 nm at 1750 rpm
Emission Level	Euro 6.4				
Engine Coupling and Gears	Dry single plate clutch with hydraulic release device			Torque converter, with electronic electro-hydraulic control system. Automatic 8+R	

GENERAL NOTES: FUEL CONSUMPTION AND CO₂ EMISSIONS

Fuel consumption according to EU Directive 1999/94. Type approval values determined according to the WLTP combined cycle, on the basis of which new vehicles are approved since September 1, 2018, updated as of 19.11.2022. The values indicated are for comparative purposes.

Important: the actual fuel consumption and CO₂ emission values may be strongly different and may vary depending upon the conditions of use and on various factors such as: optional equipment, ambient temperature, driving style, speed, total weight of the vehicle, use of certain equipment (air conditioning, heating, radio, navigation, lights, etc.), tire types and conditions, road conditions, external climatic conditions, etc.

CONSUMPTION AND EMISSIONS (ICE ONLY)	STANDARD	MAXI
WLTP MIXED CYCLE CONSUMPTION L/KM		
Multijet3 1.5 102 S&S	6,1 - 7,2	6,2 - 7,3
Multijet3 1.5 120 S&S	6,1 - 7,1	-
Multijet3 2.0 145	6,9 - 7,7	6,9 - 8,0
Multijet3 2.0 145 S&S AT8	6,9 - 8,0	6,9 - 8,0
Multijet3 2.0 180 S&S AT8	6,8 - 7,8	6,8 - 7,8
WLTP MIXED CYCLE CO₂ EMISSIONS G/KM		
Multijet3 1.5 102 S&S	161 - 188	164 - 191
Multijet3 1.5 120 S&S	161 - 188	-
Multijet3 2.0 145	179 - 204	182 - 210
Multijet3 2.0 145 S&S AT8	181 - 209	181 - 209
Multijet3 2.0 180 S&S AT8	179 - 206	179 - 206

GENERAL NOTES: ELECTRIC ENERGY CONSUMPTION AND ELECTRIC AUTONOMY

Type approval values determined on the basis of the WLTP combined cycle, updated as of 19.11.2022. The values indicated are for comparative purposes.

Important: the actual electric energy consumption values may be strongly different and may vary depending upon the conditions of use and on various factors such as: options, frequency of electric recharge per travelled kilometers, ambient temperature, driving style, speed, total weight, use of certain equipment (air conditioning, heating, radio, navigation, lights etc.), tire types and conditions, road conditions, external climatic conditions, etc.

Important: the actual autonomy may be strongly different and may vary according to: options, conditions of use of the car (driving style, speed, total weight, etc.), use of certain equipment (air conditioning, heating, etc.), tire types, road conditions, external climatic conditions.

For further specific and detailed information about electric autonomy and the various factors influencing such electric autonomy please refer to <https://www.fiatprofessional.com/electric-mobility>.

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Edition: July 2023.

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