Technical data sheets

Ducato Vans				
	115 MultiJet	**130 MultiJet**	**150 MultiJet**	**180 MultiJet Power**
Engine				
Number of cylinders, layout	4, in line	4, in line	4, in line	4, in line
Displacement (cc)	1956	2287	2287	2999
Compression ratio	16.5:1	16.2:1	16.2:1	17.5:1
EC max. power: kW (HP) at rpm	85 (115) 3700	96 (130) 3600	109 (148)	130 (177)
EC max torque: Nm (kgm) at rpm	280 (28.5) 1500	320 (32.6) 1800	350 (35.7) 1500	400 (40.8) 1400
Emissions level	Euro 5	Euro 5	Euro 5	Euro 5
Timing system (control)	2 OHC (chain drive)	2 OHC (toothed drive belt)	2 OHC (toothed drive belt)	2 OHC (chain drive)
Fuel feed	electronically controlled Common Rail MultiJet II direct injection with turbo and intercooler	electronically controlled Common Rail MultiJet II direct injection with turbo and intercooler	electronically controlled Common Rail MultiJet II direct injection with variable geometry turbocharger and intercooler	electronically controlled Common Rail MultiJet direct injection with variable geometry turbocharger and intercooler
Ignition	compression	compression	compression	compression
Driveline				
Traction	front	front	front	front
Clutch	single disc and hydraulic release device	single disc and hydraulic release device	single disc and hydraulic release device	single disc and hydraulic release device
Gearbox: number of gears	5 + R	6 + R	6 + R	6 + R
Reduction ratios 1°	4.167 :1	3.727 : 1	3.727 : 1	4.167 : 1
2°	2.350 :1	1.952 : 1	1.952 : 1	2.350 : 1
3°	1.462 :1	1.290 : 1	1.290 : 1	1.462 : 1
4°	0.955 :1	0.875 : 1	0.875 : 1	0.955 : 1
5°	0.695 :1	0.673 : 1	0.673 : 1	0.695 : 1
6°	-	0.585 : 1	0.585 : 1	0.552 : 1
Reverse	4.083 :1	3.154 : 1	3.154 : 1	4.083 : 1
Final drive ratio	4.867:1	4.933 : 1 (74/15)	4.933 : 1 (74/15)	4.222 : 1 (76/18)
		5.231 : 1 (68/13) Maxi	5.231 : 1 (68/13) Maxi	4.563 : 1 (73/16) Maxi
Steering system				
Type	rack and pinion, power assisted	rack and pinion, power assisted	rack and pinion, power assisted	rack and pinion, variable power-assisted (servotronic)
Turning circle (kerb to kerb): metres	Short wheelbase: 11 - Medium wheelbase: 12.46 - Medium-to-long wheelbase: 13.54 - Long wheelbase: 14.28			

Braking system - D (disc)				
Type	dual H-I circuit: front and rear disc brakes - ABS and Electronic Brake-force Distribution corrector			
Front	D 280 (self-ventilated)	D 280 (self-ventilated)	D 280 (self-ventilated)	D 280 (self-ventilated)
		D 300 (self-ventilated) - Maxi	D 300 (self-ventilated) - Maxi	D 300 (self-ventilated) - Maxi
Rear	D 280	D 280	D 280	D 280
Brake booster	11"	11"	11"	11"
Suspension				
Front	independent, MacPherson type with track control arms, coil springs, telescopic shock absorbers and anti-roll bar			
Rear	rigid tubular axle type with parabolic longitudinal leaf springs, telescopic shock absorbers and flexible side buffers			
Wheels				
Tyres	215/70 R 15 C (225/70 R 15 C optional) - Maxi: 225/75 R 16 C			
Electrical equipment (12V)				
Battery capacity (Ah)	95	95	95	110
Weights - Capacities				
Max. towable weight (braked) (kg)	2000	2500	2500	2500
Fuel tank capacity (litres)	90	90	90	90
Performance				
Top speed (*)	135-140	145-155	152-162	161-171
NEDC Consumption (l/100 km) (*)	6.8 (**)	7.1 - 7.4	7.1 – 7.4	8 – 8.4
NEDC CO2 emissions (g/km) (*)	179 (**)	186 - 195	186 - 195	209 - 222

(*) minimum and maximum values according to model and version
(**) For the Combi version with short wheelbase and standard roof: NEDC consumption (l/100 km) 6.4 - NEDC CO_2 emissions (g/100 km) 169

Dimensions and weights

		External dimensions (mm)				Load compartment dimensions (mm)				
		Wheelbase	Length	Height	Width	Length	Height	Width	Width between wheel arches	Volume (m^3)
Vans	CH1	3000	4963	2254	2050	2670	1662	1870	1422	8
	CH2	3000	4963	2524	2050	2670	1932	1870	1422	9.5
	MH1	3450	5413	2254	2050	3120	1662	1870	1422	10
	MH2	3450	5413	2524	2050	3120	1932	1870	1422	11.5
	LH2	4035	5998	2524	2050	3705	1932	1870	1422	13
	LH3	4035	5998	2764	2050	3705	2172	1870	1422	15
	XLH2	4035	6363	2524	2050	4070	1932	1870	1422	15
	XLH3	4035	6363	2764	2050	4070	2172	1870	1422	17

		External dimensions (mm)			
		Wheelbase	Length	Height	Width
Chassis cab	CH1	3000	4908	2254	2050
	MH1	3450	5358	2254	2050
	MLH1	3800	5708	2254	2050
	LH1	4035	5943	2254	2050
	XLH1	4035	6308	2254	2050
Chassis crew cab	MLH1	3800	5708	2254	2050
	LH1	4035	5943	2254	2050
	XLH1	4035	6308	2254	2050

		External dimensions (mm)				External dimensions of the flatbed			Internal dimensions of the flatbed		
		Wheelbase	Front overhang (mm)	Rear overhang (mm)	External length (mm)	Length	Width	Height	Length	Width	Load Area (m^2)
Trucks	CH1	3000	948	1345	5293	2860	2100	400	2798	2034	5.7
	MH1	3450	948	1345	5743	3310	2100	400	3248	2034	6.6
	LH1	4035	948	1345	6328	3895	2100	400	3833	2034	7.8
	XLH1	4035	948	1710	6693	4260	2100	400	4198	2034	8.5

		External dimensions (mm)				External dimensions of the flatbed			Internal dimensions of the flatbed		
		Wheelbase	Front overhang (mm)	Rear overhang (mm)	External length (mm)	Length	Width	Height	Length	Width	
Crew cab truck	MH1	3450	948	1340	5738	2460	2100	400	2398	2034	4.9
	LH1	4035	948	1245	6228	2950	2100	400	2888	2034	5.9
	XLH1	4035	948	1695	6678	3400	2100	400	3338	2034	6.8

Key
C (short wheelbase) - M (medium wheelbase) - ML (medium-to-long wheelbase) - L (long wheelbase) XL (extra-long wheelbase)
H1 (standard roof) - H2 (high roof) - H3 (super-high roof)

	Maximum permitted loads (kg)			
	GVW	Front	Rear	Wheels
Ducato	3000	1630	1650	15"
	3300	1750	1900	15"
	3500	1850	2000	15"
Ducato Maxi	3500	2100	2400	16"
	4000	2100	2400	16"