



of gears		Comfort Matic 6+ R with control system				Comfort Matic 6+ R with control system				Comfort Matic 6+ R with control system							
		electronically controlled electro-hydraulic				electronically controlled electro-hydraulic				electronically controlled electro-hydraulic							
Gearbox ratios		Manual	Manua l	Comfor t Matic	Comfor t Matic MAXI	Manua l	Manua l MAXI	Comfor t Matic	Comfor t Matic MAXI	Manua l	Manua l MAXI	Manual	Manual MAXI	Comfort Matic	Comfort Matic MAXI	Manua l	Manua l MAXI
Reduction ratios 1 <sup>st</sup>		1:4.273	1:3.72 7	1:4.273	1:4.273	1:4.27 3	1:4.27 3	1:4.273	1:4.273	1:4.27 3	1:4.27 3	1:4.273	1:4.273	1:4.273	1:4.273	1:4.16 7	1:4.16 7
	2 <sup>th</sup>	1:2.474	1:1.95 2	1:2.474	1:2.474	1:2.47 4	1:2.47 4	1:2.474	1:2.474	1:2.47 4	1:2.47 4	1:2.474	1:2.474	1:2.474	1:2.474	1:2.35 0	1:2.35 0
	3 <sup>th</sup>	1:1.462	1:1.29	1:1.462	1:1.462	1:1.46 2	1:1.46 2	1:1.462	1:1.462	1:1.46 2	1:1.46 2	1:1.462	1:1.462	1:1.462	1:1.462	1:1.46 2	1:1.46 2
	4 <sup>th</sup>	1:0.955	1:0.87 5	1:1.047	1:0.955	1:1.04 7	1:0.95 5	1:1.047	1:0.955	1:1.04 7	1:0.95 5	1:1.047	1:0.955	1:1.047	1:0.955	1:1.04 7	1:1.04 7
	5 <sup>th</sup>	1:0.695	1:0.67 3	1:0.786	1:0.695	1:0.78 6	1:0.69 5	1:0.786	1:0.695	1:0.78 6	1:0.69 5	1:0.786	1:0.695	1:0.786	1:0.695	1:0.78 6	1:0.78 6
	6 <sup>th</sup>	1:0.552	1:0.58 5	1:0.625	1:0.552	1:0.62 5	1:0.55 2	1:0.625	1:0.552	1:0.62 5	1:0.55 2	1:0.625	1:0.552	1:0.625	1:0.552	1:0.62 5	1:0.62 5
	R	1:4.182	1:3.15 4	1:4.182	1:4.182	1:4.18 2	1:4.18 2	1:4.182	1:4.182	1:4.18 2	1:4.18 2	1:4.182	1:4.182	1:4.182	1:4.182	1:4.08 3	1:4.08 3
Final drive ratio		1:4.867	1:4.93 3	1:4.222	1:4.867	1:4.22 2	1:4.86 7	1:4.222	1:4.867	1:4.22 2	1:4.86 7	1:4.222	1:4.867	1:4.222	1:4.867	1:4.56 2	1:4.56 2
			1:5.23 1 MAXI														
<b>Steering</b>																	
Type	rack and pinion, power assisted	rack and pinion with hydraulic variable power assistance				rack and pinion with hydraulic variable power assistance				rack and pinion with electro-hydraulic power assistance		rack and pinion with hydraulic variable power assistance				rack and pinion with hydraulic variable power assistance	
		(Servotronic)				(Servotronic)				(EHPS)		(Servotronic)				(Servotronic)	
Turning circle (kerb to kerb)	Short wheelbase 11.4 m – Medium wheelbase 12.8 m – Medium-long wheelbase 13.9 m – Long wheelbase 14.4 m																
<b>Braking system - D (disc)</b>																	
Type	double H-I circuit; front and rear disc brakes. ABS and electronic brake force distribution (EBD)																
Front: Ø mm	D 280 self-ventilating	D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI				D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI				D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI		D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI				D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI	
Rear: Ø mm	D 280	D 280 / D300 self-ventilating MAXI 40 q and 42.5 q				D 280 / D300 self-ventilating MAXI 40 q and 42.5 q				D 280 / D300 self-ventilating MAXI 40 q and 42.5 q		D 280 / D300 self-ventilating MAXI 40 q and 42.5 q				D 280 / D300 self-ventilating MAXI 40 q and 42.5 q	
Brake booster: Ø	11"	11" / 10" + 10" on MAXI 40 q and 42.5 q				11" / 10" + 10" on MAXI 40 q and 42.5 q				11" / 10" + 10" on MAXI 40 q and 42.5 q		11" / 10" + 10" on MAXI 40 q and 42.5 q				11" / 10" + 10" on MAXI 40 q and 42.5 q	
<b>Suspensions</b>																	

Front	independent, McPherson type with wishbones, coil springs, telescopic shock absorbers and anti-roll bar					
Rear	rigid tubular axle and longitudinal parabolic leaf springs, telescopic shock absorbers and flexible side buffers					
Maximum permitted load	28 q and 30 q: 1630 kg – 33 q: 1750 kg –	30q: 1630 kg – 33 q: 1750 kg – 35 q: 1850 kg	30 q: 1630 kg – 33 q: 1750 kg – 35 q: 1850 kg	30 q: 1630 kg – 33 q: 1750-1850 kg	30 q: 1630 kg – 33 q: 1750-1800 kg	35 q medium wheelbase: 1850 kg 35 q long wheelbase: 2100 kg
on the front axle (kg)	35 q: 1850 kg	MAXI: 2100 kg	MAXI: 2100 kg	35 q: 1850 kg –	35 q: 1850 kg –	MAXI: 2100 kg
				MAXI: 2100 kg	MAXI: 2100 kg	
Maximum permitted load	28 q and 30 q: 1650 kg – 33 q: 1900 kg –	30 q: 1650 kg – 33 q: 1900 kg – 35 q: 2000 kg	30 q: 1650 kg – 33 q: 1900 kg – 35 q: 2000 kg	30 q: 1650 kg – 33 q: 1900 kg	30 q: 1650 kg – 33 q: 1900 kg	35 q medium wheelbase: 2000 kg 35 q long wheelbase: 2400 kg
on the rear axle (kg)	35 q: 2000 kg	MAXI: 2400 kg-2500 kg*	MAXI: 2400 kg-2500 kg*	35 q: 2000 kg -	35 q: 2000 kg -	MAXI: 2400 kg-2500 kg*
				MAXI: 2400 kg-2500 kg*	MAXI: 2400 kg-2500 kg*	
<b>Wheels</b>						
Tyres	215/70 R 15 C (225/70 R 15 C, 215/75 R 16 C, 225/75 R 16 C optional). Maxi: 215/75 R 16 C on 35 q - 225/75 R 16 C on 40 q (opt. on 35 Maxi)					
<b>Electrical system (12v)</b>						
Battery capacity (Ah)	95 Ah	95 Ah	95 Ah	105 Ah	110 Ah	110 Ah
	110 Ah with opt. oversized battery	110 Ah with opt. oversized battery	110 Ah with opt. oversized battery			
Alternator (A)	150 A	110 A, 140 A with climate control system,	110 A, 140 A with climate control system,	200 A	110 A, 140 A with climate control system,	110 A, 140 A with climate control system,
		200 A with opt. oversized alternator	200 A with opt. oversized alternator			200 A with opt. oversized alternator
<b>Weights - Capacities</b>						
Max. towable weight (trailer with brakes) (kg)	2000	2250 - 3000**	2100 - 3000**	2100 - 3000**	2100 - 3000**	2250 - 3000**
Fuel tank capacity (litres)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	220 CNG (36 kg) 15 petrol (recovery)
AdBlue tank capacity (litres)	-	-	-	15	-	-

<b>Performance***</b>						
Maximum speed (km/h)	138 - 148	145 - 155	152 - 161	152 - 161	155 - 171	153 - 159
NEDC consumption (l/100 km) (kg/100km for CNG)	5.9 - 6.3	6.1 - 6.8	6.1 - 6.7	5.7 - 6.3	6.1 - 6.7	8.9
CO <sub>2</sub> NEDC emissions (g/km)	157 - 167	160 - 178	160 - 177	151 - 166	160 - 177	234
*with opt. 057    **MAXI 35 q    *** Minimum and maximum values according to model and version						

<b>Van</b>	<b>Ducato</b>
<b>External Dimensions</b>	
Wheelbase [mm]	3000 - 3450 - 4035
Length [mm]	4963 - 5413 - 5998 - 6363
Width [mm]	2050
Height [mm]	2254 - 2524 - 2764
<b>Loading Bay Dimensions</b>	
Length [mm]	2670 - 3120 - 3705 - 4070
Width [mm]	1870
Wheelarches Width [mm]	1422
Height [mm]	1662 - 1932 - 2172
<b>Accessibility</b>	
Rear Door Height [mm]	1520 - 1790 - 2030
Rear Door Width [mm]	1562
Sliding Door Height [mm]	1485 - 1755
Sliding Door Width [mm]	1075 - 1250
Threshold [mm] min/max	535 - 550
<b>Weights</b>	

GVW [kg]	from 2,8t to 4,25t	
Payload [kg] max	up to 2160kg	
<b>Volumes</b>		
Volumes (m3)		
L1H1	8,0	
L1H2	9,5	
L2H1	10,0	
L2H2	11,5	
L3H2	13,0	
L3H3	15,0	
L4H2	15,0	
L4H3	17,0	
<b>Engines</b>		
1°	2.0 LPEGR	115hp
2°	2.3 LPEGR	130hp
3°	2.3 LPEGR	150hp
4°	2.3 Ecojet	150hp
5°	2.3 LPEGR	180hp
Alternative fuel	3.0 CNG	136hp

## DUCATO CONVERSION VEHICLES

<b>Engine</b>	<b>115 Multijet 2</b>	<b>130 Multijet 2</b>	<b>150 Multijet 2</b>		<b>150 Ecojet</b>	<b>180 Multijet 2 Power</b>			<b>140 Natural Power</b>							
No. of cylinders, layout	4, straight	4, straight	4, straight		4, straight	4, straight										
Displacement (cm <sup>3</sup> )	1956	2287	2287		2287	2287			2999							
Compression ratio	16.5:1	16.2:1	16.2:1		16.2:1	17.5:1			12.5:1							
EC max. power: kW (HP) rpm	85 (115) / 4000	96 (130) / 3600	110 (150) / 3600		110 (150) / 3600	130 (177) / 3500			100 (136) / 3500							
EC max torque: Nm (kgm) rpm	290 / 1750	320 / 1800	380 / 1500		380 / 1500	400 / 1500			350 / 1500							
Emissions standard	Euro 6	Euro 6	Euro 6		Euro 6	Euro 6			Euro 6 / VI							
Timing (control)	DOHC (toothed drive belt)	DOHC (toothed drive belt)	DOHC (toothed drive belt)		DOHC (toothed drive belt)	DOHC (toothed drive belt)			DOHC (chain drive)							
Fuel	electronically controlled Common Rail Multijet 2 direct	electronically controlled Common Rail MultiJet 2 direct injection with turbocharger and intercooler	electronically controlled Common Rail Multijet 2 direct injection with variable geometry turbocharger and intercooler		electronically controlled Common Rail Multijet 2 direct injection with variable geometry	electronically controlled Common Rail Multijet 2 direct injection with variable geometry turbocharger and intercooler			electronic sequential phased MPI injection with dual fuel system and specific injectors for							



	R	1:4.182	1:3.154	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.182	1:4.083	1:4.083
Final drive ratio		1:4.867	1:4.933	1:4.222	1:4.867	1:4.222	1:4.867	1:4.222	1:4.867	1:4.222	1:4.867	1:4.222	1:4.867	1:4.222	1:4.867	1:4.562	1:4.562
			1:5.231 MAXI														
<b>Steering</b>																	
Type	rack and pinion, power assisted	rack and pinion with hydraulic variable power assistance		rack and pinion with hydraulic variable power assistance			rack and pinion with electro-hydraulic power assistance		rack and pinion with hydraulic variable power assistance				rack and pinion with hydraulic variable power assistance				
		(Servotronic)		(Servotronic)			(EHPS)		(Servotronic)				(Servotronic)				
Turning circle (kerb to kerb)	Short wheelbase 11.4 m – Medium wheelbase 12.8 m – Medium-long wheelbase 13.9 m – Long wheelbase 14.4 m																
<b>Braking system - D (disc)</b>																	
Type	double H-I circuit; front and rear disc brakes. ABS and electronic brake force distribution (EBD)																
Front: Ø mm	D 280 self-ventilating	D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI		D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI			D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI		D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI				D 280x24/ 280x28 self-ventilating / D 300x32 self-ventilating MAXI				
Rear: Ø mm	D 280	D 280 / D300 self-ventilating MAXI 40 q and 42.5 q		D 280 / D300 self-ventilating MAXI 40 q and 42.5 q			D 280 / D300 self-ventilating MAXI 40 q and 42.5 q		D 280 / D300 self-ventilating MAXI 40 q and 42.5 q				D 280 / D300 self-ventilating MAXI 40 q and 42.5 q				
Brake booster: Ø	11"	11" / 10" + 10" on MAXI 40 q and 42.5 q		11" / 10" + 10" on MAXI 40 q and 42.5 q			11" / 10" + 10" on MAXI 40 q and 42.5 q		11" / 10" + 10" on MAXI 40 q and 42.5 q				11" / 10" + 10" on MAXI 40 q and 42.5 q				
<b>Suspensions</b>																	



Front	independent, McPherson type with wishbones, coil springs, telescopic shock absorbers and anti-roll bar					
Rear	rigid tubular axle and longitudinal parabolic leaf springs, telescopic shock absorbers and flexible side buffers					
Maximum permitted load	30 q: 1630 kg – 33 q: 1750 kg –	30q: 1630 kg – 33 q: 1750 kg – 35 q: 1850 kg	30 q: 1630 kg – 33 q: 1750 kg – 35 q: 1850 kg	30 q: 1630 kg – 33 q: 1750- 1850 kg	30 q: 1630 kg – 33 q: 1750-1800 kg	35 q medium wheelbase: 1850 kg 35 q long wheelbase: 2100 kg
on the front axle (kg)	35 q: 1850 kg	MAXI: 2100 kg	MAXI: 2100 kg	35 q: 1850 kg –	35 q: 1850 kg –	MAXI: 2100 kg
				MAXI: 2100 kg	MAXI: 2100 kg	
Maximum permitted load	30 q: 1650 kg – 33 q: 1900 kg –	30 q: 1650 kg – 33 q: 1900 kg – 35 q: 2000 kg	30 q: 1650 kg – 33 q: 1900 kg – 35 q: 2000 kg	30 q: 1650 kg – 33 q: 1900 kg	30 q: 1650 kg – 33 q: 1900 kg	35 q medium wheelbase: 2000 kg 35 q long wheelbase: 2400 kg
on the rear axle (kg)	35 q: 2000 kg	MAXI: 2400 kg-2500 kg*	MAXI: 2400 kg-2500 kg*	35 q: 2000 kg	35 q: 2000 kg	MAXI: 2400 kg-2500 kg*
				MAXI: 2400 kg-2500 kg*	MAXI: 2400 kg-2500 kg*	
<b>Wheels</b>						
Tyres	215/70 R 15 C (225/70 R 15 C, 215/75 R 16 C, 225/75 R 16 C optional). MAXI: 215/75 R 16 C on 35 q - 225/75 R 16 C on 40 q (opt. on 35 Maxi)					
<b>Electrical system (12v)</b>						
Battery capacity (Ah)	95 Ah	95 Ah	95 Ah	105 Ah	110 Ah	110 Ah
	110 Ah with opt. oversized battery	110 Ah with opt. oversized battery	110 Ah with opt. oversized battery			
Alternator (A)	150 A	110 A, 140 A with climate control system,	110 A, 140 A with climate control system,	200 A	110 A, 140 A with climate control system,	110 A, 140 A with climate control system,
		200 A with opt. oversized alternator	200 A with opt. oversized alternator			200 A with opt. oversized alternator

						alternator
<b>Weights - Capacities</b>						
Max. towable weight (trailer with brakes) (kg)	2000	2250 - 3000**	2100 - 3000**	2100 - 3000**	2100 - 3000**	2250 - 3000**
Fuel tank capacity (litres)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	90 (opt. 60 or 120)	220 CNG (36 kg) 15 petrol (recovery)
AdBlue tank capacity (litres)	-	-	-	15	-	-

<b>Cab / Double Cab</b>	<b>Ducato</b>	<b>Ducato</b>
<b>External Dimensions</b>		
Wheelbase [mm]	3000 - 3450 - 3800 - 4035 - 4300	3450 - 4035
Length [mm]	4908 - 5358 - 5708 - 5943 - 6308	5358 - 5943 - 5708- 6308
Width [mm]	2050	2050
<b>Weights</b>		
GVW [kg]	from 3,0t to 4,4t	from 3,3t to 4,25t
Max Load - Front [kg]	up to 2100kg	up to 2100kg
Max Load - Rear [kg]	up to 2500kg	up to 2400kg
<b>Engines</b>		
1°	2.0 LPEGR	115hp
2°	2.3 LPEGR	130hp

3°	2.3 LPEGR	150hp
4°	2.3 Ecojet	150hp
5°	2.3 LPEGR	180hp
Alternative fuel	3.0 CNG	136hp

People	Ducato	
<b>External Dimensions</b>		
Wheelbase [mm]	3000 - 3450 - 4035	
Length [mm]	4963 - 5413 - 5998	
Width [mm]	2050	
Height [mm]	2254 - 2524 - 2764	
<b>Weights</b>		
GVW [kg]	from 3,0t to 3,5t	
<b>No of seats</b>		
Seats	from 5 to 9	
<b>Engines</b>		
1°	2.3 SCR	130hp
2°	2.3 Ecojet	150hp
Alternative fuel	3.0 CNG	136hp