



Truck
Bus

VW Delivery 9.180 4x2

Technical Specifications



VW Delivery 9.180 4x2

Engine		
Manufacturer / Model	ISF 3.8l	
Cylinders / Displacement (cm³)	4 / 3,800	
Net power Max. - cv (kw) @ rpm (*)	175 (129) @ 2,500	
Net torque Max. - Nm @ rpm (*)	600 @ 1,100 - 1,800	
Injection system	Common rail	
Emission Standard	Euro VI	
Emission technology	SCR	

(*) Values according to NBR ISO 1585.

Transmission			
Manufacturer / Model		ESO 6106A	EAO 6106A
Type / Actuation		Manual / wired	Automatic
Speeds		6 forward (synchronized) / 1 reverse	
Gear Ratios:	1 st / Last	6.19:1 / 0.78:1	6.19:1 / 0.78:1
	Reverse	5.69:1	5.69:1
Axle configuration		4x2	

Clutch		
Manufacturer / Type	Monodisc, organic coating	Monodisc, ceramic coating
Disk diameter (mm)	362	

Front axle	
Manufacturer / Model	SA036S

Rear Drive Axle		
Manufacturer / Model	284 HD	
Reduction rate	4.10:1	4.30:1

Suspension	
Front	Parabolic springs, hydraulic telescopic shock absorbers of double action. Stabilizer bar
Rear	Rigid driving axle, double-stage parabolic springs, double acting hydraulic shock absorbers. Stabilizer bar

Chassis	
Type	Steps, straight longitudinal members with a constant "U" profile, riveted and screwed
Material	LN500

Wheels and Tires	
Type	Steel (17.5" x 6")
Tires	215/75 R17.5"

Brakes	
Service Brake	Air, drum on front and rear wheels with ABS + EBD + ATC + HSA + ESC (electronic stability control)
Parking Brake	Accumulator spring chamber

Electrical system	
Normal voltage	24V
Battery	2 x (12V - 100Ah)
Alternator	80A - 28V

Supply volumes (l)	
Fuel / material	150 / 80* (Plastic)
UREA ("AdBlue") tank	23 / 16* (Plastic)

(*) Optional

Dimensions (mm)					
Wheel base distance	A	3,400	4,000	4,400	4,600
Front swaying	B	1,260			
Rear swaying	C	1,635	1,275	2,125	2,625
Total length	D	6,535	6,535	7,785	8,485
Input angle	E	23°			
Output angle	F	23°	29°	17°	14°
Height	G	2,379			
Load platform height	H	845			
Minimum distance front axle and start of implement	I	725			
Maximum front width (with rearview mirrors / without rearview mirrors)	J	2,685 / 2,115			
Maximum rear width	K	2,162			
Front gauge	L	1,764			
Rear gauge	M	1,674			
Front gap	N	192			
Rear gap	O	166			
Width between longitudinal members (ends)	P	860			

Weights (kg)				
Weight in gear order (Total)	2,975	3,125	3,075	3,125
Front axle	1,995	2,110	2,145	2,145
Rear axle	980	1,015	930	980
Technical capacity (Total)	9,200			
Front axle	3,200			
Rear axle	6,000			
Gross Vehicle Weigth (GVW) - homologated	9,200			
Combined Gross Vehicle Weight (CGVW) - homologated	11,500			
Maximum Towing Capacity (MTC)	11,500			
Max. payload capacity + body	6,225	6,075	6,125	6,075

Note: the weights may vary according to special equipment. Tolerance + or - 3%. (Reference NBR ISO 1176).

Performance (theoretical calculation)	Manual	V-Tronic
Rear axle reduction ratio	4.10:1	4.30:1
Maximum Speed (km/h)	119	114
Ramping capacity with GVW (%)	41	43
Ramping start with GVW (%)	34	36

Note.: Data designed according to performance simulation.

