



Truck  
Bus

# VW Delivery 11.170 4x4 EIII

## Technical Specifications



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STAR 9577

## Engine

Manufacturer / Model	Cummins / ISF 3.8l
Cylinders / Displacement (cm <sup>3</sup> )	4 / 3.800
Maximum net power - cv @ rpm (*)	165 (123) @ 2.600
Maximum net torque - Nm @ rpm (*)	600 @ 1.100 - 1.700
Injection system	Common rail
Emission standard	EURO III

## Transmission

Manufacturer / Model	Eaton / ESO 6106
Type / Actuation	Manual / cables
Speeds	6 forward (synchronized) and 1 reverse
Gear Ratios:	
1 <sup>st</sup>	6,19:1
2 <sup>nd</sup>	3,39:1
3 <sup>rd</sup>	2,08:1
4 <sup>th</sup>	1,33:1
5 <sup>th</sup>	1,00:1
6 <sup>th</sup>	0,78:1
Reverse	5,69:1
Axle configuration	4x4

## Clutch

Manufacturer / Model	Valeo / single disc and organic lining
Actuation	Pull type; Hydraulic drive with pneumatic assistance
Disk Diameter (mm)	362

## Front Axle

Manufacturer / Model	Dana M267
Type	Directional and tractive forged steel I-beam

## Rear Axle

Manufacturer / Model	DANA S-130
Type	Rigid axle
Ratio	4,56:1

## Suspension

Front	Parabolic springs, telescopic double-stage hydraulic shock absorbers and anti-roll bar
Rear	Rigid drive axle, trapezoidal springs, double-stage shock absorbers

## Frame

Type	Modular chassis with simple beams, with drop and constant "U" profile on the loading platform
Material	LNS00
Sectional module (cm <sup>3</sup> )	118,41

## Wheels and Tires

Wheel rim	Steel (17,5" x 6)
Holes	6
Tires	235/75R17,5"

## Brakes

Service Brake	16" brake chamber with 5.5" automatic slack adjuster and AF 690 canvas
Type / Circuit	Air, drums activated by "S" came; double, independent, service brake with ABS (4S/3M), EBD, air reservoir, APU dryer with coalescent filter
Parking Brake	Spring accumulator chamber
Actuation	Rear wheels
Activation	Lever in the central console

## Electrical System

Voltage	24V
Battery	2 x (12V - 100Ah)
Alternator	80A - 28V

## Refueling Volumes (L)

Fuel tank capacity and material	150,0
Crankcase with filter	8,9
Gearbox	5,2
Rear Axle	7,5
Steering	2,0
Cooling system	14,0
UREA tank	

## Dimensions (mm)

Wheelbase	A	4.000
Front overhang	B	1.260
Rear overhang	C	1.270
Total Length	D	6.530
Approach angle	E	30°
Departure angle	F	39°
Height	G	2.610
Load platform height	H	1.100
Minimum distance between the front axle and the implement	I	725
Maximum width - front (with mirrors / without mirrors)	J	2.690 / 2.142
Maximum width - rear	K	2.205
Track width - front	L	1.750
Track width - rear	M	1.690
Ground clearance - front	N	236
Ground clearance - rear	O	196
Distance between spars (extremes)	P	860
Turning diameter (m) - Wall to Wall		15,5

## Weights (kg)

Curb weight (Total)	3.905
Front axle	2.585
Rear axle	1.320
Technical axle capacity (Total)	10.700
Front axle	3.600
Rear axle	7.100
Total (GVW) - homologated	10.700
Combined Gross Vehicle Weight	13.200
Maximum Towing Capacity (MTC)	13.200
Payload (net load + implement/body)	6.795

Note: The weights can vary due to optional equipment with a maximum allowance of + or -3 %

## Performance (theoretical calculations)

Rear axle ratio	4,56:1 (1:1) / (2:1)
Maximum speed (km/h)	113 / 59
Gradeability (%)	38 / 76
Startability (%)	34 / 69

Note: Data projected under simulated performance

