


Truck Test 2013 - technical specifications

Model	FAW 13.180 FL	FAW 13.180 FL (Aerodynamic)	Isuzu FSR 800 AMT	Isuzu FSR 800 AMT (Aerodynamic)	Foton Auman BJ1133	VW Constellation 15.180	Mercedes Atego 1523/54 LC	UD Trucks UD 95A	Iveco Eurocargo MLC160E24	Hino 500 Series 1626	MAN CLA 15.220 BB	VW Constellation 17.250	FAW 16.240 FL	FAW 16.240 FL (Aerodynamic)
Dimensions														
Wheelbase (mm)	5 340	5 340	5 160	5 160	4 700	5 600	5 360	6 050	5 175	5 530	5 200	6 000	6 600	6 600
Body Length (mm)	7 000	7 000	6 300	6 300	6 200	7 300	6 800	6 800	7 200	7 200	6 000	7 300	7 800	7 800
Body Width (mm)	2 400	2 400	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 600	2 400	2 400
Body Height (mm)	2 650	2 650	2 400	2 400	2 500	2 550	2 500	2 500	2 400	2 600	2 550	2 550	2 650	2 650
Masses														
Tare Mass (kg) (Excl. Fuel & Driver)	4 700	4 700	3 850	3 850	4 860	4 895	4 993	4 675	4 675	4 855	5 600	5 590	5 820	5 820
Body, Accessories & Fuel (kg)	1 921	2 109	1 773	2 033	2 151	2 747	2 236	2 588	3 215	3 025	2 502	2 738	2 670	2 958
Unladen Mass (kg) (Incl. Fuel & Driver)	6 621	6 809	5 623	5 883	7 011	7 642	7 229	7 263	7 890	7 880	8 102	8 328	8 490	8 778
 Payload (kg)	6 949	6 661	7 767	7 617	7 159	6 908	7 931	7 577	7 160	7 550	7 598	7 422	7 350	7 192
 Tested Laden Mass (kg)	13 570	13 470	13 390	13 500	14 170	14 550	15 160	14 840	15 050	15 430	15 700	15 750	15 840	15 970
Permissible Vehicle Mass (V) (kg)	13 500	13 500	13 500	13 500	14 140	14 500	15 000	15 000	15 100	15 300	15 700	15 700	16 000	16 000
Gross Combination Mass (GCM) (kg)	24 000	24 000	18 000	18 000	22 000	23 000	28 000	20 000	32 500	24 000	18 500	35 000	32 000	32 000
Engine														
Emissions Standard	Euro-2	Euro-2	Euro-3	Euro-3	Euro-2	Euro-3	Euro-3	Euro-2	Euro-3	Euro-2	Euro-2	Euro-3	Euro-2	Euro-2
Power (kW @ r/min)	143 @ 2 300	143 @ 2 300	176 @ 2 400	176 @ 2 400	156 @ 2 500	132 @ 2 200	170 @ 2 200	190 @ 2 800	176 @ 2 700	184 @ 2 500	162 @ 2 400	184 @ 2 500	177 @ 2 300	177 @ 2 300
 Torque (Nm)	711	711	706	706	742	600	810	710	810	739	830	930	890	890
Power to Mass Ratio	10,6	10,6	13,0	13,0	11,0	9,1	11,3	12,7	11,7	12,0	10,3	11,7	11,1	11,1
Torque to Mass Ratio	52,7	52,7	52,3	52,3	52,5	41,4	54,0	47,3	53,6	48,3	52,9	59,2	55,6	55,6
Full Load g/kW.h Provided	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓
Part Load g/kW.h Provided	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗

Route: Engen Hartebeespoort to Gerotek Return | Distance (km): 89



Route: Engen Hartebeespoort to Swartruggens Return | Distance (km): 247.7

