

FAW Truck Range

MODEL	Heavy Trucks				
	8.140FL	15.180FL	15.180FD & FT	16.240FD & FT	16.240FL
Vehicle Description	4x2 Freight Carrier	4x2 Freight Carrier	4x2 6m ³ Tipper 4x2 Truck Tractor	4x2 6m ³ Tipper 4x2 Truck Tractor	4x2 Freight Carrier

DIMENSIONS

Overall Length (OL)	6 810 mm	9 252 mm	5 822 mm	6 375 mm	10 175 mm
Overall Width (OW)	2 038 mm	2 380 mm	2 380 mm	2 470 mm	2 470 mm
Overall Height (OH)	2 385 mm	2 670 mm	2 670 mm	2 760 mm	2 760 mm
Front Overhang	1 150 mm	1 312 mm	1 312 mm	1 375 mm	1 375 mm
Rear Overhang	1 800 mm	2 600 mm	1 000 mm	1 200 mm	2 200 mm
Wheelbase (WB)	3 860 mm	5 340 mm	3 510 mm	3 800 mm	6 600 mm

MASS DATA

Manufacturer's Gross Vehicle Mass (GVM)	8 999 kg	15 000 kg	15 000 kg	18 000 kg	18 000 kg
Manufacturer's Gross Combination Mass (GCM)	14 000 kg	24 000 kg	24 000 kg	32 000 kg	32 000 kg
Manufacturer's Front Axle Mass (GA Front)	3 000 kg	5 500 kg	5 500 kg	7 000 kg	7 000 kg
Manufacturer's Rear Axle Mass (GAU Rear)	6 000 kg	9 500 kg	9 500 kg	11 000 kg	11 000 kg
Permissible Gross Vehicle Mass (V)	8 999 kg	14 500 kg	14 500 kg	16 000 kg	16 000 kg
Permissible Gross Combination Mass (D/T)	14 000 kg	24 000 kg	24 000 kg	32 000 kg	32 000 kg
Permissible Front Axle Mass (A Front)	3 000 kg	5 500 kg	5 500 kg	7 000 kg	7 000 kg
Permissible Rear Axle Mass (A Rear)	6 000 kg	9 000 kg	9 000 kg	9 000 kg	9 000 kg
Unladen Front Axle Mass (T Front)	1 780 kg	2 680 kg	2 500 kg	3 560 kg	3 640 kg
Unladen Rear Axle Mass (T Rear)	1 200 kg	2 020 kg	1 620 kg	2 260 kg	2 620 kg
Unladen Mass Total (Tare)	2 980 kg	4 700 kg	4 120 kg	5 820 kg	6 260 kg

ENGINE

Make & Model Emission Standard	Cummins ISF 3.8s3141 (Euro III)	FAW CA6DF2-18 (Euro II)	FAW CA6DF2-18 (Euro II)	FAW CA6DF2-24 (Euro II)	FAW CA6DF2-24 (Euro II)
Capacity	4 cylinder/3 760 cm ³	6 cylinder/6 557 cm ³	6 cylinder/6 557 cm ³	6 cylinder/7 127 cm ³	6 cylinder/7 127 cm ³
Power at r/min (kW)	105 @ 2 600	132 @ 2 300	132 @ 2 300	177 @ 2 300	177 @ 2 300
Torque at r/min (Nm)	450 @ 1 200 - 2 200	650 @ 1 350 - 1 600	650 @ 1 350 - 1 600	890 @ 1 400	890 @ 1 400

TRANSMISSION

Make & Model	ZF 6S500	FAW CA6TBX085	FAW CA6TBX085	Fast Gear 8 JS 118 TC -B	Fast Gear 8 JS 118 TC-B
No of Gears	6	6	6	8	8

PERFORMANCE

Gear Speed (As per updated SABS/NRCS regulations)	100 km/h	80 km/h	80 km/h	80 km/h	80 km/h
Maximum Grade (%)	29% @ V	25% @ V	25% @ V	50% @ V	50% @ V
Rear Axle Ratio	4.33:1	4.875:1	4.875:1	4.875:1	4.875:1

The above specifications are not binding – subject to change without prior notice.



Extra Heavy Trucks

28.280FD	28.330FL	33.420FT	33.330FC	35.340FC	35.340FD
6x4 10m ³ Tipper	6x4 Freight Carrier	6x4 Truck Tractor	Complete 6x4 6m ³ Mixer	Complete 8x4 8m ³ Mixer	8x4 18m ³ Tipper
7 208 mm	9 868 mm	6 840 mm	7 208 mm	9 018 mm	9 018 mm
2 490 mm	2 495 mm	2 500 mm	2 490 mm	2 495 mm	2 495 mm
2 940 mm	2 960 mm	3 450 mm	2 940 mm	2 960 mm	2 960 mm
1 418 mm	1 418 mm	1 493 mm	1 418 mm	1 418 mm	1 418 mm
1 575 mm	2 675 mm	800 mm	1 575 mm	1 665 mm	1 665 mm
4 075 mm	5 775 mm	3 150 mm	4 075 mm	2 000 + 2 400 + 1 350 mm	2 000 + 3 400 + 1 350 mm
28 000 kg	28 000 kg	33 700 kg	33 000 kg	35 000 kg	40 000 kg
50 000 kg	50 000 kg	62 200 kg	33 000 kg	45 000 kg	60 000 kg
8 000 kg	8 000 kg	7 700 kg	7 500 kg	15 400 kg	15 400 kg
20 000 kg	21 000 kg	26 000 kg	25 500 kg	19 600 kg	19 600 kg
25 500 kg	25 500 kg	25 700 kg	25 500 kg	33 600 kg	33 600 kg
49 440 kg	49 440 kg	56 000 kg	33 000 kg	45 000 kg	60 000 kg
7 500 kg	7 500 kg	7 700 kg	7 500 kg	15 600 kg	16 600 kg
18 000 kg	18 000 kg	18 000 kg	18 000 kg	18 000 kg	18 000 kg
3 980 kg	4 540 kg	4 620 kg	4 360 kg	7 220 kg	5 880 kg
4 280 kg	4 100 kg	4 500 kg	7 300 kg	6 880 kg	4 020 kg
8 260 kg	8 640 kg	9 120 kg	11 660 kg	14 100 kg	9 900 kg
Weichai WD 615.50 (Euro II)	Weichai WD 615.44 (Euro II)	FAW WP 12.420E32 (Euro II)	Weichai WD 615.44 (Euro II)	Weichai WD 615.69 (Euro II)	Weichai WD 615.69 (Euro II)
6 cylinder/ 9 726 cm ³	6 cylinder/9 726 cm ³	6 cylinder/11 600 cm ³	6 cylinder/9 726 cm ³	6 cylinder/9 728 cm ³	6 cylinder/9 728 cm ³
206 @ 2 200	245 @ 2 200	309 @ 2 200	245 @ 2 200	250 @ 2 200	250 @ 2 200
1 160 @ 1 100 – 1 600rpm	1 250 @ 1 100 – 1 600rpm	1 750 @ 1 200 – 1 600	1 250 @ 1 100 – 1 600	1 350 @ 1 100 – 1 600	1 350 @ 1 100 – 1 600
FAW CA9T B160M	FAW CA9T B160M	FAW CA 12TA210M2	FAW CA9T B160M	FAW CA9T B160M	FAW CA9T B160M
9 speed, including crawler gear	9	12	9 speed, including crawler gear	9 speed, including crawler gear	9 speed, including crawler gear
80 km/h	80 km/h	80 km/h	80 km/h	80 km/h	80 km/h
36% @ V	36% @ V	27% @ V	36% @ V	36% @ V	36% @ V
4.111:1	4.111:1	4.111:1	4.875:1	4.875:1	4.875:1

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