

**POWERSTAR SPECIFICATIONS**

Range	V3 Range		VX Range	
Model	2646S ET 6x4 Truck Tractor Sleeper Cab	2646SZ AMT 6x4 Truck Tractor Sleeper Cab	1627 4x2 Chassis Cab Day Cab	1729 4x4 Chassis Cab Day Cab
<b>DIMENSIONS (mm)</b>				
Overall Length	6 905	6 905	9 600	8 390
Overall Width	2 500	2 500	2 495	2 495
Overall Height	3 475	3 475	2 905	3 200
Front Overhang	1 515	1 515	1 435	1 435
Rear Overhang	703	703	2 550	2 340
Wheelbase	3 975	3 975	5 500	4 500
Bumper to Back of Cab	2 625	2 625	1 880	1 880
Cab to Rear Axle / Unit	2 905	2 905	5 055	4 060
Turning Radius	9 000	9 000	10 000	9 000
Fuel Capacity (l)	700	700	400	400
<b>MASS DATA (kg)</b>				
Manufacturer's Gross Vehicle Mass (GVM)	26 000	26 000	16 000	17 000
Manufacturer's Gross Combination Mass (GCM)	65 000	65 000	28 000	34 000
Manufacturer's Front Axle Mass	7 500	7 500	7 500	7 500
Manufacturer's Rear Axle Mass	26 000	26 000	10 000	13 000
Permissible Maximum Vehicle Mass	25 500	25 500	16 000	15 500 (singles)
Permissible Maximum Front Axle Mass	7 500	7 500	7 100	7 500
Permissible Maximum Rear Axle Mass	18 000	18 000	9 000	8 000 (singles)
Unladen Front Axle Mass	5 420	5 074	3 840	4 740
Unladen Rear Axle Mass	4 540	4 026	2 440	2 400
Total Unladen Mass	9 960	9 100	6 280	7 140
Permissible Max Drawing Vehicle Mass (DT)	65 000	65 000	28 000	34 000
<b>ENGINE</b>				
Make	Weichai Euro 3	Weichai Euro 3	Weichai Euro 3	Weichai Euro 2
Model Configuration	WP12-460 N 6-in-line turbocharged intercooled	WP12-460 N 6-in-line turbocharged intercooled	WP7-270 E30 6-in-line turbocharged intercooled	WP10-290 E32 6-in-line turbocharged intercooled
Capacity (l)	11,596	11,596	7,14	9,726
Max Power – kW @ r/min	338 @ 1 900	338 @ 1 900	199 @ 2 300	213 @ 2 200
Max Torque – Nm @ r/min	2 110 @ 1 000 – 1 400	2 110 @ 1 000 – 1 400	1 100 @ 1 200 – 1 600	1 160 @ 1 200 – 1 600
<b>GEARBOX</b>				
Make / Model	12JSD220TA+QH50	Fast Gear 16JZSD240A AMT	8JS118TB-B+QH50	12JS160T
No. of Gears	12	16	8	12
High / Low Ratios	12,10:1/0,781:1	14,03:1/0,83:1	11,40:1/1,00:1	15,53:1/1,00:1
Synchromesh or Constantmesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh
<b>REAR AXLE</b>				
Ratio	4,111	4,111	4,111	4,769:1
<b>RETARDER</b>				
	Yes	Yes	No	No
<b>STANDARD TYRE EQUIPMENT</b>				
Size and Ply Rating	315/80 R22.5 incl spare	315/80 R22.5 incl spare	12 R22.5 incl spare	14.00 R20 incl spare
Radial or Crossply	Radial	Radial	Radial	Radial
<b>WARRANTY</b>				
New Vehicle (SA only)	3-years/ 400 000 km	3-years/ 400 000 km	3-years/ 300 000 km	3-years/ 300 000 km





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VX Range

2628 6x4 Chassis Cab (SWB & LWB) Day Cab	2635A 6x6 Chassis Cab Day Cab	2642S 6x4 Truck Tractor Sleeper Cab	3335 6x4 Chassis Cab (SWB & LWB) Day Cab	4035B 8x4 Chassis Cab Day Cab	4042K 8x4 Chassis Cab Day Cab
7 680 / 9 390	9 390	6 935	7 680 / 9 390	9 400	9 400
2 495	2 495	2 495	2 495	2 495	2 495
3 085	3 275	3 160	3 085	3 085	3 085
1 435	1 435	1 410	1 435	1 435	1 435
1 350 / 1 940	1 940	625	1 350 / 1 940	1 350	1 350
4 175 / 5 175	5 175	4 175	4 175 / 5 175	5 025	5 025
1 880	1 880	2 420	1 880	2 215	2 215
3 735 / 4 735	4 730	3 165	3 735 / 4 735	5 040	5 040
8 500	10 000	8 500	8 500	11 500	11 500
400	400	400	400	400	400
26 000	26 000	26 000	33 000	40 000	40 000
43 000	65 000	65 000	43 000	75 000	75 000
7 500	7 500	7 500	7 500	15 000	15 000
26 000	26 000	26 000	26 000	26 000	26 000
25 500	23 500 (singles)	25 500	25 500	31 650	31 650
7 500	7 500	7 500	7 500	15 000	15 000
18 000	16 000 (singles)	18 000	18 000	18 000	18 000
4 140	5 253	4 700	4 140	5 880	5 880
4 540	5 123	4 900	4 540	4 260	4 260
8 680	10 376	9 600	8 680	10 140	10 140
43 000	60 000	65 000	43 000	60 000	74 160
Weichai Euro 2 WP10-290 E32 6-in-line turbocharged intercooled	Weichai Euro 2 WP10-340 E32 6-in-line turbocharged intercooled	Weichai Euro 2 WP12-420 E32 6-in-line turbocharged intercooled	Weichai Euro 2 WP10-340 E32 6-in-line turbocharged intercooled	Weichai Euro 2 WP10-340 E32 6-in-line turbocharged intercooled	Weichai Euro 2 WP12-420 E32 6-in-line turbocharged intercooled
9,726	9,726	11,596	9,726	9,726	11,596
213 @ 2 200	250 @ 2 200	309 @ 2 200	250 @ 2 200	250 @ 2 200	309 @ 2 200
1 160 @	1 350 @	1 750 @	1 350 @	1 350 @	1 750 @
1 200 - 1 600	1 200 - 1 600	1 300 - 1 400	1 200 - 1 600	1 200 - 1 600	1 300 - 1 400
12JS160T+QH50	12JS160T+QH50	12JS200TA+QH50	12JS160T+QH50	12JS200T+QH50	12JS200T+QH50
12	12	12	12	12	12
15,53:1/1,00:1	15,53:1/1,00:1	12,10:1/0,78:1	15,53:1/1,00:1	15,53:1/1,00:1	15,53:1/1,00:1
Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh
4,769:1	4,769:1	4,769:1	4,769:1	4,769:1	4,769:1
No	No	No	No	No	No
315/80 R22.5 incl spare	14.00 R20 incl spare	315/80 R22.5 incl spare	315/80 R22.5 incl spare	315/80 R22.5 incl spare	315/80 R22.5 incl spare
Radial	Radial	Radial	Radial	Radial	Radial
3-years/ 300 000 km	3-years/ 300 000 km	3-years/ 300 000 km	3-years/ 300 000 km	3-years/ 300 000 km	3-years/ 300 000 km



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## POWERSTAR SPECIFICATIONS

Model	FT3 4x2 Chassis Cab	FT5 4x2 Chassis Cab
<b>DIMENSIONS (mm)</b>		
Overall Length	5 875	6 725
Overall Width	2 250	2 250
Overall Height	2 280	2 280
Front Overhang	1 135	1 135
Rear Overhang	1 380	1 790
Wheelbase	3 360	3 800
Bumper to Back of Cab	1 795	1 735
Cab to rear axle/unit	2 700	3 200
Turning Diameter (m)	9	11
Fuel Capacity (l)	120	120 LTR Aluminium
<b>MASS DATA (kg)</b>		
Manufacturer's Gross Vehicle Mass (GVM)	7 500	8 700
Manufacturer's Gross Combination Mass (GCM)	9 500	10 500
Manufacturer's Front Axle Mass	2 600	3 050
Manufacturer's Rear Axle Mass	5 500	6 000
Permissible Maximum Vehicle Mass	7 500	8 700
Permissible Maximum Front Axle Mass	2 600	3 050
Permissible Maximum Rear Axle Mass	5 500	6 000
Unladen Front Axle Mass	1 600	1 700
Unladen Rear Axle Mass	960	1 140
Total Unladen Mass	2 560	2 840
Permissible Maximum Drawing Vehicle Mass (DT)	9 500	10 500
<b>ENGINE</b>		
Make / Model	Cummins ISF 3.8S3154	Cummins ISF 3.8S3154
Configuration	4 in-line	4 in-line
Capacity (l)	3,760	3,760
Diesel/Petrol	Diesel	Diesel
Maximum Power - kW @ r/min	115 @ 2 600	115 @ 2 600
Maximum Torque - Nm @ r/min	500 @ 1 200 - 1 900	500 @ 1 200 - 1 900
<b>GEARBOX</b>		
Make / Model	ZF Ecolite 6S500TO	ZF Ecolite 6S500TO
Number of Forward Gears	6	6
Manual/Automatic/Automated (AMT)	Manual Synchromesh	Manual Synchromesh
Rear Axle Ratio	4.11:1	4.33:1
<b>CLUTCH</b>		
Clutch Plate Diameter (mm)	350	350
<b>AUXILIARY BRAKE</b>		
Type	Exhaust Brake	Exhaust Brake
<b>STANDARD TYRE EQUIPMENT</b>		
Size and Ply Rating	215/75 R17.5 16PR	215/75 R17.5 16PR
Radial or Crossply	Radial	Radial



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