

POWERSTAR 2628 VX SWB

REAR TIPPER TRUCK

15m³



ENGINE

Make	Weichai Euro 2
Model Configuration	WP 10-290 E32
Max Power - Kw @ r/min	213/200
Max Power - N.m @ r/min	1160/1600
HP	280
Cylinder	6 Inline
Cylinder Bore & Stroke	126 X 130
Displacement	9.726 l
Compression Ratio	17:01
Firing Order	1-5-3-6-2-4

BRAKES

Service	Dual circuit, full-air drum brakes
Emergency / Parking	Spring potential brake
Auxiliary	Engine exhaust brake
ABS & EVB	Standard

STANDARD TYRE EQUIPMENT

Size and ply rating	315/80/R22.5
Spare Wheel	Yes

AXLE

Front Type	VR4/01D-7.5
Rear Type	HL7/015DS-13/4.769

TRANSMISSION

Make/Model	5S-112GP
No of Gears	9
Transfer Box	N/A
Clutch Make/Type/Size	GFX 430mm Single plate

PREFORMANCE DATA

Grade Ability @ GVM	30%
Max Geared Road Speed	90 km/h
Final Drive Ratio	4.769

DIMENSIONS WITH LOAD BODY {mm}

Overall Length (OL)	6650
Overall Width (OW)	2495
Overall Height (OH)	3400
Front Overhang (FOH)	1435
Rear Overhang (ROH)	1750
Wheel Base (WB)	3450
Bumper - Back of Cab (BBC)	2183
Cab to rear axle unit (CA)	1267
Turning Circle	8500

MASS INFORMATION {kg}

MANUFACTURERS

Gross Vehicle Mass (GVM)	26000
Gross Combination Mass (GCM)	43000
Front Axle Mass (GA)	7500
Rear Axle Mass (GAU)	26000

PERMISSIBLE {NRCS}

Maximum Vehicle Mass (V)	25500
Maximum Front Axle Mass (AF)	7500
Maximum Rear Axle Mass (AR)	18000
Maximum Drawing Mass (D/T)	43000

UNLADEN

Unladen Front Axle Mass (UF)	4830
Unladen Rear Axle Mass (UR)	6320
Total Unladen Mass (UT)	11150

TIPPER BODY

Make	VR Laser Services (PTY) LTD
Model Configuration	15m ³ General Tipper
Ware Lining	Hardox
Operation Hydraulic Pressure	190 Bar
Hydraulic Fluid	Hydraulic 68
Max Bin Tipping Angle	40°

MAXIMUM OPERATIONAL LIMITS

Driving Side Slope	22°
Tipping Side Slope	6°
Tipping Height	6400 mm
Permissible Payload	14350 kg
Tipping Cycle @ 14350kg	70 sec.
Manufacturers Payload	22350 kg
Tipping Cycle @ 22350kg	210 sec.