



## MODEL J5N 28.290 FL

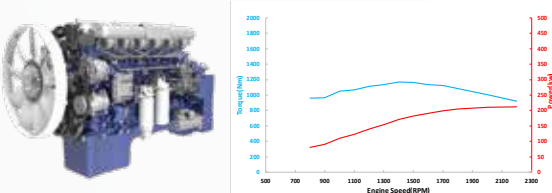
**21m<sup>3</sup>**  
**REFUSE COMPACTOR WITH BIN LIFTERS**

# MODEL J5N 28.290 FL

## 21m<sup>3</sup> REFUSE COMPACTOR WITH BIN LIFTERS

CAB	
Cab Control	Forward Tilt Cab
Seating	Driver + 1 Passengers
Type/Extras	Sleeper Cab with Aircon, Radio with USB, Suspension seat

ENGINE	
Make & Model	WP10.290E32
Capacity	9 726 cm <sup>3</sup>
Layout & Type	6 cylinder in line, water cooled, turbo charged & intercooled
Power @ r/min (kW)	213 @ 2 200rpm
Torque @ r/min (Nm)	1 160 @ 1 200 - 1 600



TRANSMISSION	
Make & Model	FAW CA9TB160M
Type	9 Speed Manual Synchromesh
Forward Ratios	14.34; 10.04; 7.10; 5.05; 3.71; 2.70; 1.92; 1.36; 1.0
Reverse Ratio	8.63

CLUTCH	
Diameter	430 mm
Type	Single Plate
Operation	Hydraulic-Air Assisted

STEERING	
Gear Ratio	23:1
Type	Recirculating Ball
Operation	Power Assisted

PERFORMANCE	
Gradeability @ V	Max 27%
Permissible Road Speed	80km/h



AXLES	
Front Axle	I- Beam section (Forged Steel)
Rear Axle - Gearing Type	Single Reduction
Rear Axle Ratio	4.1:1

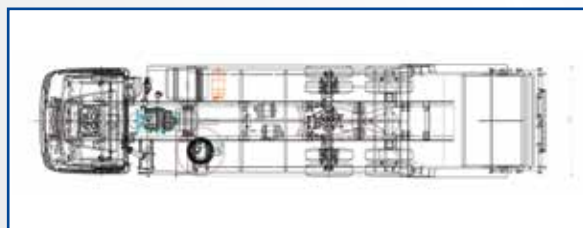
BRAKES	
System Type	Full Air - Dual Circuit with ABS
Park/Emergency System	Spring Brake/Rear Booster

FUEL TANK	
Number	One
Total Capacity	400 Litre

ELECTRICAL SYSTEM	
System Voltage & Type	24V Negative Earth
No. of Batteries	Two X 12V

WHEELS	
Tyre Size	315/80R22.5-18PR
Rim Size	9.00 X 22.5
Type	Tubeless Radial

BODY SPECIFICATION	
Description	21m <sup>3</sup> Refuse Compactor (Complete)
Bin Lift Capacity	2 x 240L or 1 x 660L
Crew Seating	4
Reverse Camera with Screen	Yes
Body Volume (m <sup>3</sup> )	21
Filler Volume (m <sup>3</sup> )	2.2
Body thickness	Floor 5mm, Side 4mm, Ceiling 3mm
Filler thickness	Floor 6mm, Side 4mm
Cycle Time	Filling ≤25 seconds
Lifting Time	Filler 8-10 seconds
Discharging Time	≤40 seconds
Compression Force	≤25 000kg



CHASSIS	
Type	Straight Ladder Type - Riveted
Front Suspension	Semi-Elliptical Leaf Spring with Double Acting Shock Absorbers
Rear Suspension	Semi-Elliptical Leaf Springs

MASS DATA		kg
Manufacturer's Gross Vehicle Mass (GVM)		28 000
Manufacturer's Gross Combination Mass (GCM)		50 000
Manufacturer's Front Axle Mass (GA Front)		7 700
Manufacturer's Rear Axle Mass (GAU Rear)		20 300
Permissible Gross Vehicle Mass (V)		25 700
Permissible Gross Combination Mass (D/T)		50 000
Permissible Front Axle Mass (A Front)		7 700
Permissible Rear Axle Mass (A Rear)		18 000
Unladen Front Axle Mass (T Front)		4 480
Unladen Rear Axle Mass (T Rear)		12 460
Unladen Mass Total (Tare)		16 940
Payload Allowance		8 760

DIMENSIONS		mm
Wheelbase (WB)		5 100 + 1 350
Overall Length (OL)		10 389
Cab Length (A)		2 325
Overall Width (OW)		2 500
Overall Height (OH)		3 341
Front Overhang (D)		1 375
Rear Overhang (ROH)		2 521
Cab to Rear Axle (CA)		7 825
Recommended Body Length		7 600
Cab to End of Chassis (F)		7 810
Minimum Turning Radius		10 000
Minimum Turning Diameter		20 000
Ground Clearance		300
Track - Front		2 050
Track - Rear		1 847
Chassis Outer Width		865
Chassis Inner Width		640

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