CHENGLI
SPECIAL AUTOMOBILE

CL5180ZYS6GX
Chengli Special Automobile Co., Ltd.
Suizhou, Hubei, China

SANITATION TRUCKS · DONGFENG CHASSIS

DONGFENG 18t Refuse Compactor Truck

Model CL5180ZYS6GX · Municipal solid waste collection and compaction on a DONGFENG EQ1185LJ9CDE 4×2 chassis — eight wheelbase and body-volume configurations from 8 to 18 m³ to match your route.



18 t	1:2.5 – 1:3.5	DONGFENG
GROSS VEHICLE WEIGHT	COMPACTION RATIO	CHASSIS BRAND

General Vehicle Parameters

Model	CL5180ZYS6GX
Product Name	Refuse compactor truck
Product Brand	Chengli
Gross Vehicle Weight	18,000 kg
Kerb Weight	9,680 – 11,300 kg
Rated Payload	6,570 – 8,190 kg
Overall Dimensions	8,660 – 9,600 × 2,520 – 2,550 × 3,200 – 3,250 mm
Drive Type	4×2 (LHD, RHD optional)
Emission Standard	China VI (GB17691-2018)
Max. Speed	89 km/h
Axle Load	6,500 kg (front) / 11,500 kg (rear)
Tyres	6 + 1 spare; 295/80R22.5 18PR, 10.00R20 18PR or 275/80R22.5 18PR

Chassis Configuration

Chassis Model	EQ1185LJ9CDE
Chassis Designation	Cargo truck chassis
Chassis Brand	DONGFENG
Chassis Manufacturer	Dongfeng Motor Corporation Co., Ltd.
Wheelbase Options	3,600 / 3,950 / 4,500 / 4,700 / 5,000 mm

Body & Compaction System

Body Type	Arc-shaped or square-shaped welded steel
Compaction Ratio	1:2.5 – 1:3.5
Filler / Hopper Volume	1.2 – 1.5 m³
Compaction Cycle Time	12 – 15 seconds (typical)
Discharge Type	Rear tilting discharge
Standard Equipment	Speed limiter; satellite-positioning driving recorder
Optional	ETC onboard unit; rear-view camera

Wheelbase & Body Volume

3,600 mm Wheelbase	Overall approx. 7,900 – 8,100 mm; recommended 8 m³, 9 m³ optional
3,950 mm Wheelbase	Overall approx. 8,110 mm; recommended 10 m³, 11 m³ optional
4,500 mm Wheelbase	Overall approx. 8,950 mm; recommended 12 m³, 14 m³ optional (most popular)
4,700 mm Wheelbase	Overall approx. 9,150 mm; recommended 14 m³, 15 m³ optional
5,000 mm Wheelbase	Overall approx. 9,600 mm; recommended 17 m³, 18 m³ optional (arc body)
Note	5,300 mm and 5,600 mm wheelbases are available on chassis but not recommended for standard 4×2 export compactors due to turning radius and rear overhang limits

Engine Options

Cummins B6.2NS6B230	6.2 L, 169 kW / 230 HP — highly recommended
Cummins D4.5NS6B240	4.5 L, 176 kW / 240 HP
Cummins D4.5NS6B220	4.5 L, 162 kW / 220 HP
Yuchai YCS04200-68	4.2 L, 147 kW / 200 HP
Chaoyang CY4SK761	4.1 L, 145 kW / 197 HP

Key specifications only — the complete technical package carries every technical parameter, the export document list and conformity information.

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