

ARTICULATED DUMP TRUCKS

Doosan Moxy



Highlights of Articulated Dump Truck

Ultimate Efficiency

Lower power curve when empty plus reduced weight achieved through state of the art design and lightweight, highgrade, wear resistant steel

Ultimate Traction and Stability

Sloping frame, well positioned turning ring and excellent weight distribution remove the need for wide, low profile tires, significantly reducing running costs. New skip design further improves stability while tipping

Ultimate Power / Weight Ratio

Class-leading power to weight ratio of 6.48 hp per ton

Ultimate Comfort

Fully independent nitrogen suspension and new, highly specified cabin offer unparalleled levels of comfort

Ultimate Service Access

Remote mounted service points mean general servicing can be completed at ground level. Excellent access is offered by the side tilting cabin. Hood design capable of opening to 83° for the improved access

Ultimate Safety

Superior visibility because of new front wagon design

Specifications

MODELS	MT 26-III	MT 31-III	MT 36	MT 41	MT 51
Engine Configuration Gross power Net power Gross torque Load index	Scania DC9 5 in Line / 9.0 liter 228 kw@2200rpm 224 kw@2200rpm 1345 Nm@1500rpm 25.33 kw/liter	Scania DC9 5 in Line / 9.0 liter 255 kw@2200rpm 247 kw@2200rpm 1455 Nm@1500rpm 28.33 kw/liter	Scania DC12 6 in Line / 11.7 liter 294 kw@2200rpm 285 kw@2200rpm 1854 Nm@1500rpm 25.13 kw/liter	Scania DV12 6 in Line / 11.7 liter 331 kw@2200rpm 322 kw@2200rpm 1854 Nm@1200rpm 28.29 kw/liter	Scania QSZ15 6 in Line / 15.0 liter 375 kw@1600rpm 365 kw@1600rpm 2244 Nm@1400rpm 25.0 kw/liter
Capacity Body volume Density index Gross weight Net weight Payload Kg	SAE 2:1 14.7 m ³ 1.64 t/m ³ 44.95 tons 20.4 tons 24,100	SAE 2:1 17.6 m ³ 1.62 t/m ³ 49.8 tons 21.3 tons 28,500	SAE 2:1 20.1 m ³ 1.64 t/m ³ 61.4 tons 28.8 tons 32,700	SAE 2:1 24.1 m ³ 1.58 t/m ³ 67.6 tons 29.6 tons 38,000	SAE 2:1 28.8 m ³ 1.64 t/m ³ 78.53 tons 31.3 tons 47,200
Power to Weight Empty Loaded	Net Power vs Tons 10.98 kw/t 5.03 kw/t	Net Power vs Tons 11.60 kw/t 4.95 kw/t	Net Power vs Tons 9.90 kw/t 4.63 kw/t	Net Power vs Tons 10.90 kw/t 4.77 kw/t	Net Power vs Tons 11.98 kw/t 4.78 kw/t
Transmission Speeds Travel speed	ZF 6WG260 RPC Countershaft 6F - 3R 51.0/33.0 km/h	ZF 6WG260 RPC Countershaft 6F - 3R 51.0/33.0 km/h	ZF 6WG310 RPC Countershaft 6F - 3R 51.0/31.0 km/h	ZF 6WG310 RPC Countershaft 6F - 3R 53.0/34.0 km/h	Allison 4600R ORS Planetary 6F - 1R/2 Speed drop box 54.0/6.4 km/h
Brakes Front Rear Retarder	Wet Multiple Disc Wet Multiple Disc Exhaust Brake & T/M Retarder	Wet Multiple Disc Wet Multiple Disc Engine Exh & T/M Ret Brake	Wet Multiple Disc Wet Multiple Disc Engine Brake & T/M Retarder	Wet Multiple Disc Wet Multiple Disc Engine Brake & T/M Retarder	Wet Multiple Disc Wet Multiple Disc Engine Brake & T/M Retarder
Body	Hardox 400	Hardox 400	Hardox 400	Hardox 400	Hardox 400
Dimension Total length Width Load over height Turning radius	9816 mm 2750 mm 2864 mm 8.9 m	9857 mm 2990 mm 2946 mm 8.7 m	10450 mm 3275 mm 3440 mm 8.85 m	10445 mm 3460 mm 3185 mm 8.8 m	10606 mm 3475 mm 3875 mm 8.85 m