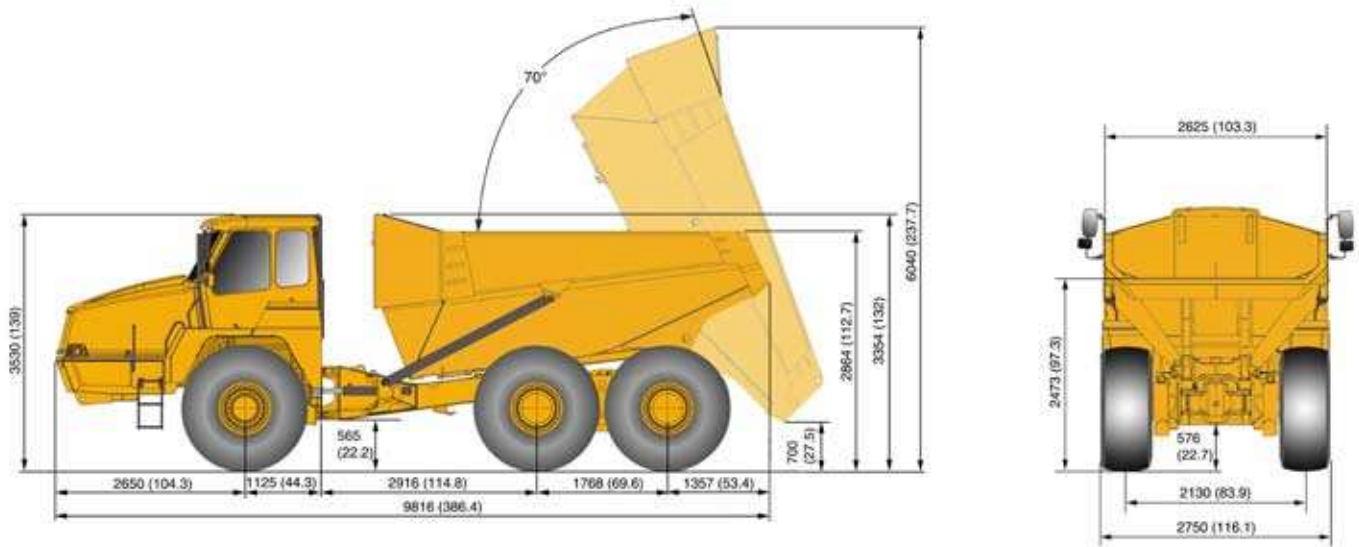


MOXY ADT RANGE



MT26



millimetres (inches)

BODY

- Material: Hardened abrasion-resistant steel plates
- Tilt cylinders: Single stage, double-acting
- Tipping time: Up: 11 sec. / Down 10 sec.
- The body is designed for exhaust heating
- Sloping body down from the hinge point

CAPACITIES

- Level capacity :
- Heaped capacity : (Acc. SAE J 1363, 2:1)
- Heaped capacity : (Acc. SAE J 1363, 1:1)

Cubic Yards

16
20
24

Cubic Metres

12
15
18

WEIGHTS

Empty: Front axle
Rear axle
Loaded: Front axle
Rear axle
Pay load
Total weight (loaded)

LB

24,640
21,230
32,164
66,726
53,020
98,890

KG

11,200
9,650
14,620
30,330
24,100
44,950

NOTE: All weights include a full fuel tank and operator

GROUND PRESSURES

Standard 23.5 x 25 tyres with 15% sinkage
Empty: Front axle
Rear axle
Loaded: Front axle
Rear axle

Bar

1.07
0.45
1.38
1.44

kPa

107
45
138
144

CAPACITIES

- Fuel Tank
- Hydraulic System
- Engine Cooling System
- Transmission
- Dropbox
- Engine Crankcase
- Front Reduction Gear
- Rear Differential
- Tandem Housing

GALLONS

84.5
36.4
11.9
15.1
8.7
3.5
2 X 0.80
8.5
2 X 19.8

LITRES

320
138
45
57
33
13.2
2 X 3
32
2 X 75

SPEEDS

1st
2nd
3rd
4th
5th
6th

MPH

3.72
5.58
8.68
13.64
20.46
31.62

KMH

6
9
14
22
33
51

ENGINE

- Scania DC 9, water-cooled, unit injected diesel engine with turbo charger and air to air intercooler
- Complies with Stage 3 of EU Directive 97/68/-EC and Tier 3 of USA/California regulations (ISO 8178) for emissions
- Power rating: (1kW = hp/1.36)
(ISO 3046) 310 hp (228 kW)
(ISO 9249) 299 hp (220 kW)

- No. of cylinders: 5 (in line)
- Cylinder volume: 549 cubic inches (9,0 litres)
- Air filter: Dry type

TRANSMISSION

ZF 6 WG 260 Dash 4 electronically-controlled automatic transmission the torqueconverter has automatic lock-up in all gears

BRAKE SYSTEM

- Dual circuit braking system acting on all six wheels
- Approved according to ISO 3450
- All hydraulic operated brakes with enclosed oil-cooled wet multiple discs all round
- Spring actuated hydraulic released parking brake, mounted on propeller shaft
- Max. gradient, parking brake: 20
- Automatic engine brake as standard
- Automatic transmission retarder as standard

HYDRAULIC SYSTEM

- Pumps: 2 variable displacement piston pumps : for steering & tipping - for cooling, fan, brakes & auxiliaries
- Delivery: 230 l/min @ 2200 rpm
- Filtration: One return flow filter & high pressure filter
- Pressure-setting, main safety valves:
- Tipping Circuit: 280 bar
- Steering Circuit: 210 bar

ELECTRICAL SYSTEM

- Alternator: 28V 100A
- Batteries: (two): 12V 140Ah (series connected to give 24V)
- Starter: 5.4 HP (4,0 kW)

SUSPENSION

- Front: Independent with long life rubber springs and hydraulic shock absorbers
- Rear: Free-swinging tandem housing

ARTICULATION HINGE AND STEERING

- Articulation hinge with forward mounted turning ring
- Steering cylinders (two): Double-acting
- The steering is approved according to ISO 5010
- Max. steering angle: 45°
- Ground driven emergency steering pump

DRIVE LINE

- Full-time 6 x 6 drive with two transverse differentials and one longitudinal
- Front axle transverse differential: Limited-slip with 45% locking ratio
- Rear axle transverse differential: Limited slip with 45% locking ratio
- Inter-axle longitudinal differential: Torque-proportioning differential, integrated into Dropbox

Torque distribution:

- 1/3 to the front axle
- 2/3 to the rear axle
- 100% lockable
- Tandem housing: Gear driven, free-swinging.
- Provides equal drive to rear wheels and ensures the best possible ground contact – whatever the ground conditions

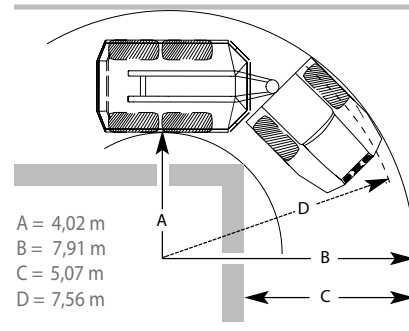
CAB

- Approved to ROPS/FOPS standards (ISO 3471, ISO 3449, SAE J231 and SAE J1040 April '88)
- Low interior sound level 74 dB(A) (ISO 6394)
- The cab is centrally located on rubber mountings
- Hand and arm vibrations are less than 2,5 m/s according to ISO 5349-2
- Whole body vibration is less than 0,5 m/s according to ISO 2631-1
- Superior visibility – for safer operation
- Superior operating controls location
- Adjustable suspended operator seat
- Adjustable steering column
- Heater and Air Conditioning
- Tilting for service access

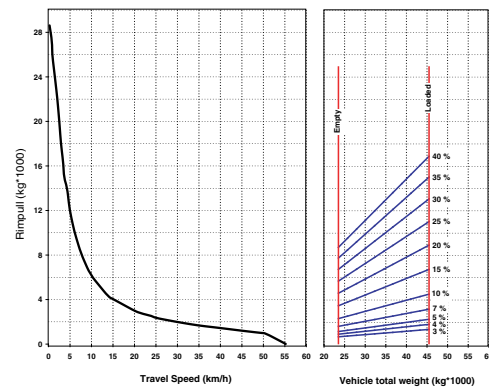
TIRES

- Standard 23,5 R25 two star radial

Turning radius according to ISO 7457: 24.8 feet (7,56 m)



PERFORMANCE DIAGRAM



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