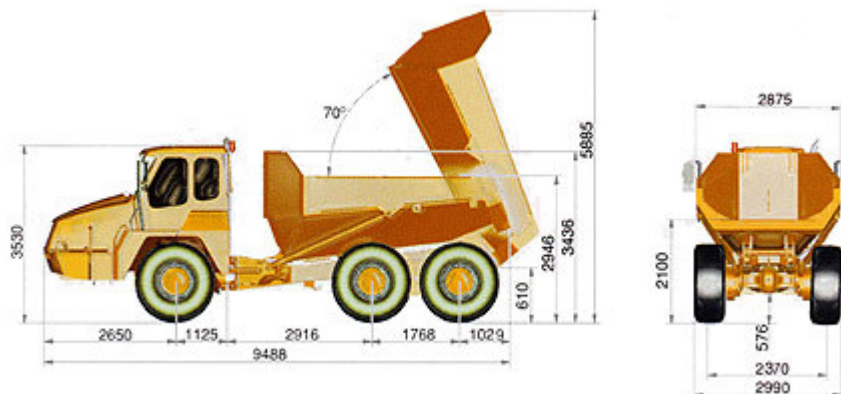


Product Range - MT31



WEIGHTS

Empty:	Front axle	11150 kg
	Rear axle	11500 kg
Loaded:	Front axle	16200 kg
	Rear axle	34450 kg
Pay load:		28000 kg
Total weight (loaded):		50650 kg

TRANSMISSION

ZF 6 WG 260 Dash 4 electronically-controlled automatic transmission, the torque converter has automatic lock-up in all gears.

Km/h	Forward	Reverse
1 st gear	6	6
2 nd gear	9	14
3 rd gear	14	33
4 th gear	22	
5 th gear	33	
6 th gear	51	

CAPACITIES

	Litre
Fuel tank	350
Hydraulic system	150
Engine cooling system	36
Transmission	57
Engine crankcase	27
Front differential	9.5
Front reduction gear	2 x 3
Rear differential	32
Tandem housing	2 x 75

BODY CAPACITIES

- Level capacity 13,6m³ (14,2 m³)
 - Heaped capacity 16,8m³ (17,8 m³)
- Acc. SAE J 1363, 2:1
(with top tailgate in brackets)

SCANIA DC 9 ENGINE

Scania DC 9, water-cooled, direct injected diesel engine with turbo charger and air to air intercooler.

- Complies with Stage 2 of EU Directive 97/68/-EC and Tier 2 of USA/California regulations (ISO 8178) for emissions.
- Power rating: (1kW = hp/1,36)
(ISO 3046) 250 kW (340 hp)
(ISO 9249) 245 kW (333 hp)
- Max. torque: 1600 Nm
- No. of cylinders: 6 (in line)
- Cylinder volume: 9,0 litres
- Air filter: Dry type

GROUND PRESSURE

By sinking 15% of free tyre radius and specified weights
Standard 23,5 R25 tyres

- Empty: Front: 106 kPa, Rear: 54 kPa
- Loaded: Front: 154 kPa, Rear: 163 kPa.
Optional 750/65 R25 tyres
- Empty: Front: 86 kPa, Rear: 45 kPa
- Loaded: Front: 125 kPa, Rear: 133 kPa.
(1 kPa = 0,0102 kg/cm²)

ARTICULATION HINGE AND STEERING

- Articulation hinge with forward mounted turning ring
- Steering cylinders (two): Doubleacting

BODY

- Material: Hard steel plates (4 sides)
- Tilt cylinders:
- Tipping time:
- The body is d
- Sloping body

DRIVE LINE

- Full-time 6 x 4 differentials a
- Front axle tra slip with 45%
- Rear axle tra slip with 45%
- Inter-axle lon Torque-propo integrated distribution:
 - 1/3 to the
 - 2/3 to the
 - 100% lock
- Tandem hous freeswinging. rear wheels a possible groun ground condit

HYDRAULIC SY

- Main pump (d speed depend
- Delivery: 187
- Pressure-setti
- Tipping circu
- Steering circu

ELECTRICAL SY

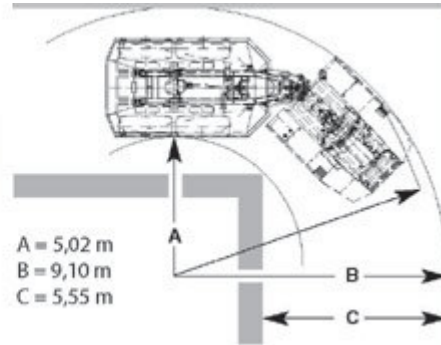
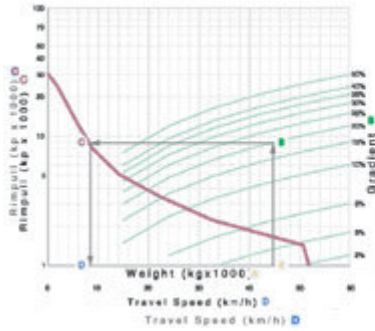
- Alternator: 28
- Batteries (twc (series connec
- Starter: 4,0 k

CAB

- Approved to F 3471, ISO 34 J1040 April '8
- Low interior s 6394)
- The cab is cer mountings
- Superior visib
- Superior oper
- Adjustable su
- Adjustable ste
- Heater and ai

- The steering is approved according to ISO 5010
- Max. steering angle: 45°
- Ground driven emergency steering pump

Turning radius according to ISO 7457: 8,72 m



BRAKE SYSTEM

- Dual circuit br six wheels
- Approved acc round
- Air over hydr: round
- Spring actuat brake, mount
- Max. gradient
- The system is dryer, to prev
- Exhaust brake
- Hydraulic ret

SUSPENSION

- Front: Indepe springs and h
- Rear: Free-sw

TYRES

- Standard 23.5
- Optional 750/

THE NEXT GENERATION OF ARTICULATED DUMP

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