

VOLVO BM

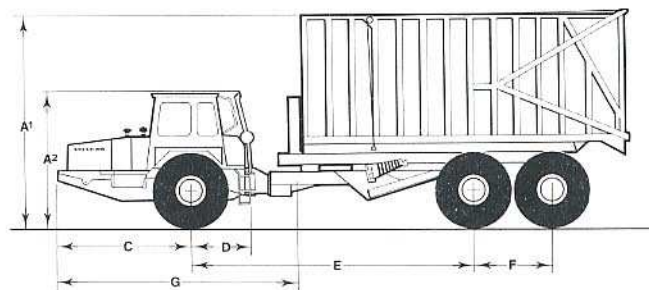
861 TC FOR REFUSE HAULAGE



The Volvo BM 861 TC is designed for hauling refuse at tips, and from loading station to tip.

This machine has an interchangeable container body system, allowing maximum utilisation of the tractor. To achieve optimum haulage economy, each tractor should be used with a number of containers, the number being determined by haulage distance and filling capacity.

The technical data apply for the Terrain Chassis with the following tyres:
front: 23.5 x 25
rear: 23.5 x 25



DIMENSIONS

| | | |
|----------------|---------|-----------------------------------------------------|
| A ¹ | 4500 mm | (container capacity 50 m ³ /65 cu.yd) |
| A ² | 2890 mm | |
| C | 2720 mm | |
| D | 1280 mm | |
| E | 5910 mm | |
| F | 1600 mm | |
| G | 5000 mm | |

TECHNICAL DATA VOLVO BM 861 TC FOR REFUSE HAULAGE



Engine

Volvo TD60B

Output

DIN 107.5 kW at 41.5 rev/sec
(146 hp at 2500 rev/min)

SAE 125 kW at 41.5 rev/sec
(170 hp at 2500 rev/min)

Transmission

Torque converter with free-wheel stator
Hydraulically-operated gearbox (4 forward gears and reverse)

Mechanical high-low ratio gearbox (4 forward gears and reverse)

Drive

High gear: front axle only

Low gear: front axle and front bogie axle

Speeds

1st low: 0—6 km/h (0—3.7 mph)

2nd low: 0—10 km/h (0—6.2 mph)

1st high: 0—18 km/h (0—11.2 mph)

2nd high: 0—30 km/h (0—18.6 mph)

Weights

Chassis 11000 kg (22000 lb)

Interchangeable body system 3500 kg (7700 lb)

Container 3500 kg (7700 lb)

Ground pressure

When unloaded, with 15% reduction of wheel diameter:

Tyres, front 23.5—25
1.17 kg/cm² (16.6 lb/sq.in)

Tyres, rear 23.5—25
1.17 kg/cm² (16.6 lb/sq.in)

With a load of 15 tons, and a rolling resistance of 5%, the machine can operate on gradients of up to 30% (approx. 1 in 3).

Ground clearance

The machine's ground clearance is 41 cm (16 in).

Specification

Volvo BM 861 TC with interchangeable body system for refuse haulage.

1. Livab-lift interchangeable body system
2. Container capacity 50 m³ (65 cu.yd), or 36 m³ (45 cu.yd)
3. Container control equipment
4. Front-mounted hydraulic pump

Optional equipment

Cab:

Ventilator

Seat belt (retractable lap type)

Speedometer (including mileage recorder)

Compressor horns (2 on roof)

Rotating warning beacon

Chassis:

Extra fuel filter

Engine heater

Heavy Duty Air Cleaner

Tool box

We reserve the right to change specifications and design without notice

VOLVO BM

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