

QUENTIN CURRIE

Volvo BM 2654



Powerful, superbly equipped and comfortable — this is the Volvo BM 2654. The power-packed six-cylinder turbocharged Volvo diesel develops 150 hp which in combination with the big wheels and four wheel drive, available in all gears, makes the 2654 an extremely useful machine whatever the conditions.

Hydrostatic steering and power assisted disc brakes make the Volvo BM 2654 ultra-maneuvrable and safe. The power take-off clutch, differential lock and two or four-wheel drive are all easily and comfortably controlled.

Terra Trol Mark II — the hydraulic system with an built in alternative control system and massive lifting power makes the 2654 a very efficient tractor. The spacious drivers platform with flat floor, fully adjustable seat and all controls within easy reach makes the driving comfortable.

The heavyweight for tough going!

Specification Volvo BM 2654

ENGINE

Type	6-cylinder turbo-charged diesel, Volvo TD 60
Maximum engine speed	38 r/s (2300 r/min)
Max output	150 hp
Max torque	507 Nm (51.7 kpm) at 27 r/s (1600 r/min)
Bore	98.4 mm
Stroke	120 mm
Displacement	5.48 dm ³ (l)
Compression ratio	16:1
Air cleaner	Dry paper-filter element and safety filter. Particle evacuation via exhaust system. Restriction indicator (warning lamp)
Exhaust system	Spark arrester and silencer

ELECTRICAL SYSTEM

Voltage	12 V
Batteries	Two 12 V parallel-connected
Battery capacity	140 Ah
Alternator output	1260 W
Starter motor output	3 kW (4 hp)
Starter interlock	Gear lever governed
Trailer socket	7-pin

TRANSMISSION

Clutch	Single dry plate, sintered facings
Gear box	Manual with sidepositioned gear levers
Number of speeds	8 forward, 2 reverse

Speed km/h with 18.4—38 rear tyres

Gear	Engine rev.	
	34 r/s (2050 r/min)	38 r/s (2300 r/min)
1	3.1	3.5
2	4.6	5.2
3	7.0	7.8
4	8.4	9.5
5	9.9	11.1
6	14.9	16.7
7	22.3	25.0
8	27.1	30.4*
R1	3.8	4.3
R2	12.2	13.7

* Transport driving unloaded 34.2 km/h.

FRONT WHEEL DRIVE

Volvo BM driven front axle with hub-type planetary gears. Power take-off beneath transmission with drive in all gears.

POWER TAKE-OFF

Fully independent and ground speed 2-shaft PTO with multi-disc clutch. 9/17 r/s (540/1000 r/min) at 34.2 r/s (2050 r/min) eng. rev.

BRAKING SYSTEM

Service brakes	Dry disc brakes. Hydraulically operated, vacuum power assisted. Brake equalizing with inter-connected brake pedals.
Handbrake	Separate, lever operated brake acting on the foot brake disc.

STEERING SYSTEM

Hydrostatic power steering. Adjustable steering wheel inclination.

HYDRAULIC SYSTEM

Pump capacity	47 dm ³ (l)/min
Pressure	15.7 MPa (160 kp/cm ²)
Three-point coupling	Category 2 and 3
Lifting capacity at coupling points, lower links	
horizontal	33.4 kN (3400 kp)
Control system	Positioning, draft and mixed control. Float position
Outer hydraulics	Two double-acting auxiliary valve with pressure oil outlets and quick couplers

TOWING UNIT

Front	Towing clevis
Rear	Swinging drawbar
Horizontal distance of connection point from rear axle centreline	
815/960 mm	

WHEELS AND TYRES

Front	14.9—24/8
Rear	18.4—38/8

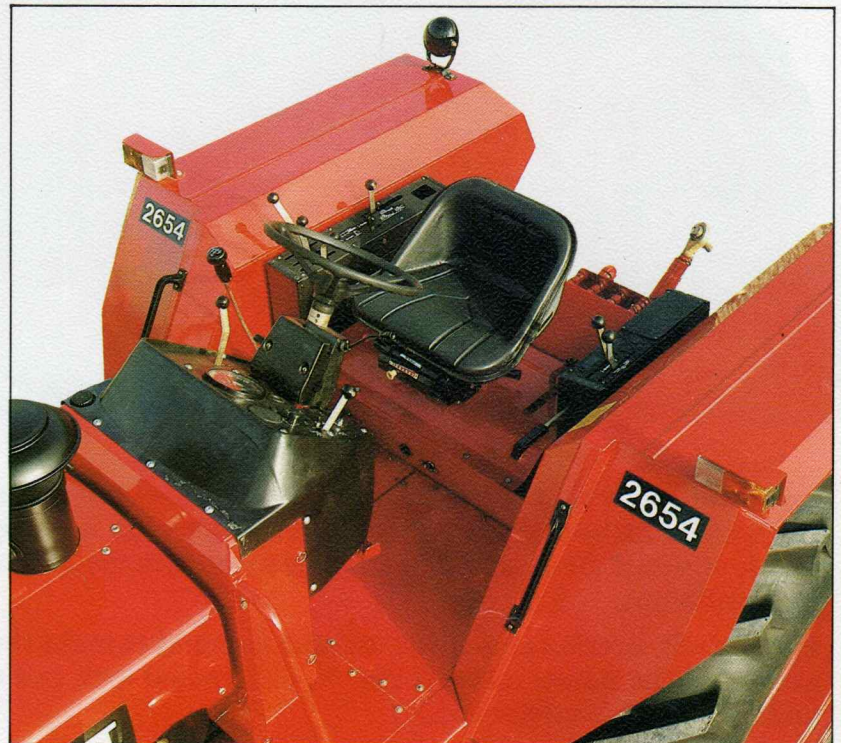
DIMENSIONS AND WEIGHT

Track, front	1740 mm
Track, rear	1800 mm
Wheelbase	2860 mm
Length	4650 mm
Width	2280 mm
Height above exhaust pipe	3485 mm
Height above steering wheel	2200 mm
Ground clearance	350 mm
Turning radius with steering brakes	5100 mm
Turning radius without steering brakes	5900 mm
Fuel tank capacity	210 dm ³ (l)
Weight	5900 kg

EXTRA EQUIPMENT

Front weights	
Rear wheel weights	

Manufacturers retain the right to make modifications and changes without previous notice.



VOLVO BM
SCANTRAC AB ESKILTUNA

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