

BOMAG

Vibratory Tamper

BT80D



MODEL	Compaction Output (cu. yd/h) at recommended soil layer/lift thickness. *		
	Gravel, Sand	Mixed Soils	Silt, Clay
BT80D	17-22.2	10.5-15.7	9.2-13.1

* Compaction output influenced by soil/material type and moisture content.



Technical Specifications

BT80D

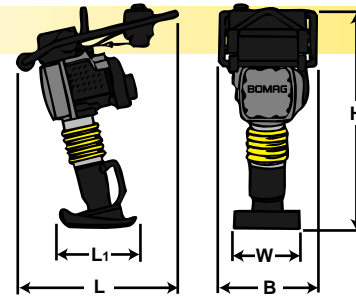
Shipping dimensions
in cubic feet (m³)
BT80D 9.4 (0.267)

Standard Equipment

- Pressure oil lubrication
- Corrosion-free plastic fuel tank
- Polyethylene shoe with wear plate
- Centrifugal clutch
- Infinitely variable frequency
- Vibration insulated steering bow
- Air filter integrated in housing
- Recoil starter
- Insulated engine compartment

Optional Equipment

- Transport wheels
- Interchangeable 11 in and 11.4 in
with side protection shoes



Dimensions	B	H	L	L ₁	W
inches (mm)					
BT80D	13.8 (350)	39.4 (1000)	30.1 (765)	13.2 (335)	13.0 (330)

Technical data

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Weights

Basic weight	lbs	(kg)	176	(80)
Operating weight	lbs	(kg)	179	(81)

Dimensions

Dimensions see sketch

Driving characteristics (depending on site conditions)

Working speed max.....	ft/min	(m/min)	52.5	(16)
Area coverage max.....	sq ft/h	(m ² /h)	3412	(317)

Drive

Engine manufacturer.....	Yanmar			
Type.....	L 48			
Cooling.....	air			
Number of cylinders	1			
Displacement	in ³	(cm ³)	12.9	(211)
Performance ISO 9249	hp	(kW)	4.7	(3.5)
Speed	rpm		3600	
Fuel.....	diesel			
Fuel consumption max.....	gal/h	(l/h)	0.24	(0.9)
Starting device.....	recoil starter			

Vibratory System

Drive system	mechanical			
Frequency.....	bpm	(Hz)	480-690	(8-11.5)
Jumping height	in	(mm)	2.8	(70)
Impact force.....	lbs	(kN)	3938	(17.5)
Number of impacts	bpm		480-700	
Compaction depth max	in	(cm)	25.6	(65)

Capacities

Fuel.....	gal	(l)	0.8	(3)
Lubricating oil (tamper cylinder)	gal	(l)	0.3	(1)

Technical modifications reserved. Machine may be shown with options.

B124H-361 3M303TTWW



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