

# BS50-2

## 2 Stroke Rammer



**WACKER  
NEUSON**  
*all it takes!*



### Exclusive two-stroke rammer

Wacker Neuson rammers have set the construction industry standards for decades. They are developed for maximum productivity, performance and durability. The new generation is now even more powerful. The 2-stroke, BS50-2 is powered by the WM 80 engine, designed and built by Wacker Neuson to withstand rammer applications. Thanks to its catalytic converter, emissions are clearly below all exhaust standard limits. In addition, it automatically shuts off after 10 minutes of idling, which saves on additional fuel and emissions.

- Industry-leading performance: High ramming frequency, strong stroke, high impact energy, fast travel speed
- Special spring-loaded guide handle reduces hand-arm vibration for comfortable operation
- Slim design for compaction jobs in narrow trenches
- Optimized weight balance lowers the center of gravity allowing for stable and easy operation with little effort
- A unique four stage air filtration system provides a virtually dust-free engine for longer life and improved durability. The system includes a last chance filter that protects the engine during air filter maintenance.

## BS50-2 Technical specifications

### Operating data

Operating weight	130 lb
Ramming shoe size (WxL) *	9.8 x 13.4 in
L x W x H	26.5 x 13.5 x 37 in
Percussion rate max.	687 blows/min
Stroke on the ramming shoe	2.5 in
Impact force	3,597 lbf
Operating speed	31.2 ft/min
Surface capacity	1,711.5 ft <sup>2</sup> /h

### Engine / Motor

Engine / Motor type	Air-cooled, single cylinder, two-cycle gasoline engine
Engine / Motor manufacturer	Wacker Neuson
Engine / Motor	WM80
Displacement	4.9 in <sup>3</sup>
Fuel consumption	0.26 US gal/h
Operating performance (DIN ISO 3046-1) at rpm	2.3 hp 4,400 rpm
Fuel tank capacity	0.77 US gal
Gasoline / oil mixture	1:50
CO2 (NRSC) **	1,113 g/kW-hr

\*ramming shoes are available in various sizes \*\*Determined value of the CO2 emission during engine certification without consideration of the application on the machine.

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.  
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