

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.**



All Wacker Neuson rammer models easily fall below the current exhaust limits.

## Emission values of gasoline rammers

- Specially designed catalytic converter offers emissions that meet all current regulatory requirements.



## Exclusive engine design

- Specifically designed for use in soil compaction
- Fewer moving parts reduces maintenance and promotes longer life



### Hour meter

- For easy tracking of time and maintenance intervals
- Standard on all models



### 4-stage air filter system

- Very good filter performance thanks to 4-fold air filter (consisting of cyclone filter, paper lamella filter and double foam filter)
- Clean intake air ensures optimum engine performance
- Long service intervals due to high filter capacity



### Easy transport

- Large and flexible lift point
- Easy loading and stowing by transport rollers on the handle



### Comfortable operation with auto-choke

- Only one lever for idling, starting and stopping

## 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)	2.3 hp
at rpm	4,400 rpm
Fuel tank capacity	0.77 US gal
Gasoline / oil mixture	1:50
CO2 (NRSC) **	1,113 g/kW-hr