

# BS 50-2i 280mm/11in Shoe, Oil-injected Vibratory Rammer

Item Number: 0009414

# BS 50-2i

## Exclusive WM 80 engine features a unique patented oil-injection system

>> A unique patented oil-injection system provides reliable performance by eliminating spark plug fouling and carbon buildup. The no-mix system is an added convenience for operators. Plus an amazing fuel to oil ratio of 120:1 allows for longer and cleaner running times...up to 65 hours on a single tank of oil. A low oil shutdown switch prevents running the rammer without oil for trouble-free operation. Rugged rammers designed for the compaction of cohesive, mixed and granular soils in confined areas. <<



## Additional Advantages

- Powered by Wacker Neuson's exclusive WM 80 engine, the only 2-cycle engine specifically designed and built for vibratory rammers and meets all EPA and European air emission standards.
- Purge bulb evacuates air from the fuel line for easy starting
- The fuel valve and kill switch are integrated into the throttle lever to reduce complexity of operation.
- Exclusive carburetor compensates fuel/air mixture for optimum performance and extended air filter life.
- A unique three-stage air filtration system provides a virtually dust-free engine for longer life and improved durability. A filter minder tells the operator when the air filter needs to be changed.
- Auto release choke provides industry leading safety and ease of starting.
- The guide handle's engineered shockmount system reduces HAV (hand-arm vibration) and improves operator comfort
- Automatic shutoff feature will shut down the unit if left idling for an extended period of time, reducing emissions and carbon build-up
- Cast aluminum recoil start with oversized durable rope extends life in harsh environments.
- An integrated muffler wraps around the engine allowing for closer compaction to structures and protects the muffler.

| Description                           | Metric  | Imperial                |
|---------------------------------------|---|-------------------------|
| Length x width x height               | 675 x 345 x 940 mm  | 26.5 x 13.5 x 37 in     |
| Shoe size (w x l)                     | 250 x 337 mm  | 9.8 x 13.3 in           |
| Operating weight                      | 58 kg   | 129 lb                  |
| Shipping weight (including packaging) | 64 kg   | 140 lb                  |
| Shipping size                         | 990 x 380 x 690 mm  | 39 x 15 x 27 in         |
| Stroke                                | 64.3 mm   | 2.5 in                  |
| Percussion rate                       | 700 1/min   | blows/min               |
| Travel speed                          | 9.5 m/min   | 31 ft/min               |
| Max. area capacity                    | 159 m <sup>2</sup> /h   | 1710 ft <sup>2</sup> /h |
| Engine Type                           | air-cooled, 2-cycle, single cylinder Wacker Neuson WM 80, gasoline engine |                         |
| Displacement                          | 80 cm <sup>3</sup>  | 5 in <sup>3</sup>       |
| Max. Rated Power at Rated Speed*      | 1.7 kW at 4400 rpm  | 2.2 hp at 4400 rpm      |
| Power Rating Specification            | 80/1269/EEC, ISO3046-1  |                         |
| Fuel to oil ratio                     | 120:1   |                         |
| Fuel consumption                      | 1 l/h   | 1 US qt/h               |
| Fuel tank capacity                    | 3 l   | 3.2 US qt               |
| Oil tank capacity                     | 0.7 l   | 0.75 US qt              |

### Standard Package - BS 50-2i

includes guide handle roller, operator's manual and parts book.

Please refer to our [Price List and Ordering Guide](#) for complete accessory information.

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.

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