

Four-cycle Vibratory Rammers

BS 50-4s

BS 60-4s

BS

Four-cycle rammers deliver outstanding performance

» Add Wacker Neuson's exclusive WM 100 4-cycle engine to the preferred vibratory rammer design in the industry and you have a winning combination. The WM 100 engine is specifically designed for rugged rammer applications. These 4-cycle vibratory rammers are designed for the compaction of cohesive, mixed and granular soils in confined areas. «



ADDITIONAL ADVANTAGES:

- **Patented low oil shutoff** provides unique technology that protects the engine. When starting the unit, an electronic capacity sensor detects no oil or low oil and the engine will shut off within about 10 seconds.
- **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.
- **Dedicated 4-cycle crankcase** for increased durability and simplified maintenance.
- **Unique crankcase breather system** and three piece piston oil ring provide for lower oil consumption.
- **Ignition and fuel shut off** built into the throttle control provides simplified operation.
- **Cast aluminum recoil start** with oversized durable rope extends life in harsh environments.
- **The guide handle's engineered shockmount system** reduces HAV (hand-arm vibration) and improves operator comfort.



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Technical Data

		BS 50-4s	BS 60-4s
Length x width x height	in (mm)	26.5 x 13.5 x 37 (675 x 345 x 940)	26.5 x 13.5 x 38 (675 x 345 x 965)
Shoe size (w x l)	in (mm)	11 x 13 (280 x 330)	11 x 13 (280 x 330)
Operating weight	lbs (kg)	137 (62)	156 (71)
Shipping weight	lbs (kg)	154 (70)	173 (78)
Shipping size (l x w x h)	in (mm)	39 x 15 x 27 (990 x 380 x 690)	39 x 15 x 27 (990 x 380 x 690)
Stroke	in (mm)	1.56 (39.6)	2.7 (68)
Percussion rate	blows/min	660	680
Travel speed	ft (m)/min	25.9 (7.9)	28 (8.5)
Compacted area	ft ² (m ²)/h	1424 (132)	1540 (143)
Engine type		air-cooled, 4-cycle, single cylinder, Wacker Neuson WM 90 gasoline engine	air-cooled, 4-cycle, single cylinder, Wacker Neuson WM 100 gasoline engine
Displacement	in ³ (cm ³)	5.3 (86)	5.9 (97)
Operating speed	rpm	4200	3950
Max. rated power at rated speed	hp (kW) rpm	2.8 (2.1) 4200	3.2 (2.4) 4200
Power rating specification		SAE J1995	SAE J1995
Fuel consumption	qt (l)/h	1.3 (1.2)	1.3 (1.2)
Fuel tank capacity	qt (l)	3.2 (3.0)	3.2 (3.0)
Power train		Power train from engine via centrifugal clutch, gears, crank mechanism, connecting rod, guiding piston, double spring system, spring cylinder onto ramming shoe. Clutch engages when accelerating.	

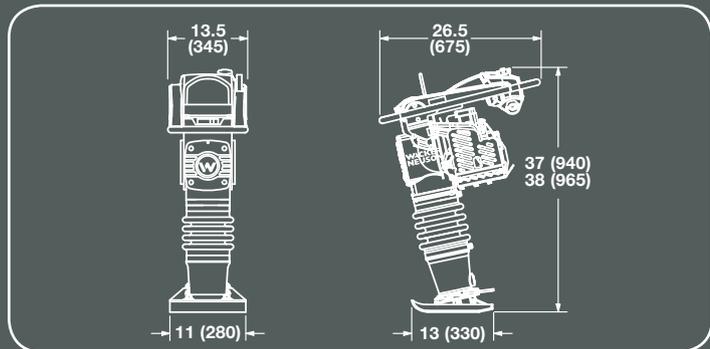
Standard Package

Four-cycle Vibratory Rammers include guide handle roller, operator's manual, parts book and CE certificate.
BS 50-4s
BS 60-4s

Model Guide

B = Gasoline
S = Rammer
4 = 4-cycle engine
s = low oil shut off

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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