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BS50-2PLUS 11IN US

5100030594

[Home](#) >> [Catalog](#) >> [Products](#) >> [Compaction](#) >> [Vibratory Rammers](#) >> [2 Stroke Rammer](#) >> **BS50-2PLUS 11IN US**

BS50-2PLUS 11IN US

Material number 5100030594

2 stroke rammer with oil injection and 11-inch (280mm) shoe for soil compaction



Product details

- Driven by the exclusive WM80 2-cycle engine with catalytic converter, which was designed and developed by Wacker Neuson specifically for demanding ramming applications
- Effortless to start
- The lowest CO-emissions, significantly below all four-cycle engines
- Maximum convenience when refuelling and always the right mixing ratio: Two separate tanks for fuel and two-cycle oil. One oil tank refuelling suffices for 120 hours of operation. Lockable oil tank cap available as an accessory.
- Thanks to the automatic injection, always the optimal combustion and maximum performance
- Automatic shutdown of the engine after 10 minutes at idle in order to reduce fuel consumption and emissions
- Specially designed and developed 4-stage air filter system provides for longer operating time and greater durability
- With operating hours counter
- Compact dimensions, therefore very manoeuvrable and easy to handle
- Very good gradeability
- High performance, maximum jump height and impact force

Comes with

- Rammer
- Operation manual

Errors and omissions are reserved. The information in this data sheet is based on present knowledge. However, this neither guarantees specific product features nor establishes a legally valid contractual relationship.

Technical specifications

BS50-2PLUS 11IN US

OPERATING FLUIDS	Metric
Oil volume	0,700 l
Oil specification	SAE 10W-40
Tank capacity	2,90 l

ENGINE	Metric
Fuel management	Carburettor / oil injection
Engine operating mode	two-stroke
Cooling	air cooling
Exhaust-gas limit	EPA TIER II; 2012/46/EU, China Stage 2
Oil specification	JASO FD, JASO FC, ISO-L-EGD, ISO-L-EGC
Operating Engine speed	1.250 1/min
Fuel consumption	1,00 L/Std 0,73 kg/h
Idling speed	2.000 1/min
Starter type	Recoil starter
Operating power	1,8 kW
Engine type	Gasoline engine
Cylinder	1
Engine Manufacturer	Wacker Neuson
Standard (Operating power)	ISO 3046-1
Standard (Effective power)	ISO 3046-1
Nominal Engine speed	4.400 1/min
Electrode distance	0,50 - 0,80 mm
Spark plug(s)	Champion RL86C
Kraftstofftyp	Two-stroke mixture, Alkylate fuel/Oil mixture
Effective power	1,8 kW, 2,0 kW
Fuel mix ratio	1:50, 1:100
Engine Designation	WM80

MECHANICAL - OUTPUT DETAILS

Metric

Forward running	9,50 m/min
Power of impact	16 kN
Number of blows	687 1/min

ELECTRICAL SYSTEM

Metric

Display Equipment	Operating hours counter
Operating elements	Pushbutton OFF

ENVIRONMENT DATA

Metric

Operating temperature range	-10 - 40 °C
Sound level LpA (Standard)	EN 500-4
Sound power LWA, guaranteed	108,0 dB(A)
Storage temperature range	-30 - 50 °C
HAV summation (average value)	8,9 m/s ²
Uncertainty in measurement HAV	1,3 m/s ²
HAV summation (Standard)	EN 500-4
Sound level LpA	93,0 dB(A)
Sound power LWA (Standard)	EN 500-4
Sound power LWA, measured	106,0 dB(A)

MECHANICAL DETAILS

Metric

Operating weight	59,0 kg
Length	673 mm
Length Ramming Shoe	340 mm
Height	940 mm
Width Ramming Shoe	280 mm
Width	343 mm
Weight	59,00 kg
Stroke at tamper	64 mm

Custom Attributes**Metric**

Model serie

BS50-2plus

Please Note

This 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 started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.

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