



**WACKER
NEUSON**
all it takes!

BS50-2plus 6in (24mm)

5100030597

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BS50-2plus 6in (24mm)

Material number 5100030597

2 stroke rammer with oil injection and 165 mm padfoot for soil compaction



Product details

Highlights

- Separate, extra large oil tank
- Intelligent, electronic automatic low oil shutoff (2Plus vibratory rammer)
- Automatic idling shutdown
- Optimized starting and operating performance
- Individual setting of the carburetor
- 2-stroke engine
- Just one lever for starting, idling and stopping
- Large stroke, high impact force
- Fast travel speed
- 4-stage air cleaner (cyclone, paper filter and 2 foam air cleaners)

Comes with

- Vibratory Rammer
- Operation manual

Technical specifications

BS50-2plus 6in (24mm)

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
fuel type	Two-stroke mixture, Alkylate fuel/Oil mixture
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/h 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
Spark plug(s)	Champion RL86C
Effective power	1,8 kW, 2,0 kW
Fuel mix ratio	1:50, 1:100
Engine Designation	WM80

MECHANICAL - OUTPUT DETAILS

Metric

Forward running	7,90 m/min
Power of impact	16 kN
Percussion Rate	687 1/min

ELECTRICAL SYSTEM

Metric

Display Equipment	Operating hours counter
Electrode distance	0,50 - 0,80 mm
Operating elements	Pushbutton OFF

MECHANICAL DETAILS

Metric

Stroke at rammer	43 mm
Operating weight	56,0 kg
Length	673 mm
Length Ramming Shoe	340 mm
Height	940 mm
Width Ramming Shoe	165 mm
Width	343 mm
Weight	56,00 kg

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)	6,5 m/s ²
Uncertainty in measurement HAV	0,6 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	104,0 dB(A)
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Custom Attributes	Metric
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Model serie	BS50-2plus
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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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