



**WACKER
NEUSON**
all it takes!

BS50-2 6IN

5100030592

[Home](#) >> [Catalog](#) >> [Products](#) >> [Compaction](#) >> [Vibratory Rammers](#) >> [2 Stroke Rammer](#) >> **BS50-2 6IN**

BS50-2 6IN

Material number 5100030592

2 stroke rammer with 165 mm padfoot for soil compaction



Product details

- 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)
- Optimized starting and operating performance
- Optimized thermal management
- Individual setting of the carburetor

Comes with

- Vibratory Rammer
- Operation manual

Technical specifications

BS50-2 6IN

MECHANICAL - OUTPUT DETAILS

Forward running	7,90 m/min
Number of blows	687 1/min
Power of impact	16 kN

ELECTRICAL SYSTEM

Display Equipment	Operating hours counter
Operating elements	Pushbutton OFF

ENVIRONMENT DATA

Sound level LpA	92,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	104,0 dB(A)
Sound power LWA, guaranteed	108,0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	6,5 m/s ²
HAV summation (Standard)	EN 500-4
Storage temperature range	-30 - 50 °C
Operating temperature range	-10 - 40 °C
Uncertainty in measurement HAV	0,6 m/s ²

OPERATING FLUIDS

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

ENGINE

Engine type	Gasoline engine
Effective power	1,8 kW, 2,0 kW
Nominal Engine speed	4.400 1/min
Standard (Effective power)	ISO 3046-1
Cylinder	1
Cylinder capacity	80 cm ³
Engine Manufacturer	Wacker Neuson
Engine Designation	WM80
Cooling	air cooling
Exhaust-gas limit	EU Stage V, EPA TIER II
Kraftstofftyp	Two-stroke mixture, Alkylate fuel/Oil mixture
Engine operating mode	two-stroke
Fuel consumption	0,90 L/Std, 1,00 L/Std
Fuel management	Carburettor
Oil specification	JASO FD, JASO FC, ISO-L-EGD, ISO-L-EGC
Operating power	1,8 kW, 1,7 kW
Operating Engine speed	4.250 1/min
Standard (Operating power)	ISO 3046-1
Spark plug(s)	Champion RL86C
Electrode distance	0,50 - 0,80 mm
Starter type	Recoil starter
Fuel consumption	0,73 kg/h
Idling speed	2.000 1/min
Fuel mix ratio	1:50, 1:100

MECHANICAL DETAILS

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

MECHANICAL - OUTPUT DETAILS

Forward running	0,4 fps
Number of blows	687 1/min
Power of impact	3.596,9 lbf

OPERATING FLUIDS

Oil volume	0,185 gal US
Tank capacity	0,8 gal US
Oil specification	SAE 10W-40

ELECTRICAL SYSTEM

Display Equipment	Operating hours counter
Operating elements	Pushbutton OFF

ENGINE

Engine type	Gasoline engine
Effective power	2,4 hp, 2,7 hp
Nominal Engine speed	4.400 1/min
Standard (Effective power)	ISO 3046-1
Cylinder	1
Cylinder capacity	4,9 Inch3
Engine Manufacturer	Wacker Neuson
Engine Designation	WM80
Cooling	air cooling
Exhaust-gas limit	EU Stage V, EPA TIER II
Kraftstofftyp	Two-stroke mixture, Alkylate fuel/Oil mixture
Engine operating mode	two-stroke
Fuel consumption	0,2 GPH US, 0,3 GPH US
Fuel management	Carburettor
Oil specification	JASO FD, JASO FC, ISO-L-EGD, ISO-L-EGC
Operating power	2,4 hp, 2,3 hp
Operating Engine speed	4.250 1/min
Standard (Operating power)	ISO 3046-1
Spark plug(s)	Champion RL86C
Electrode distance	0,020 - 0,032 "
Starter type	Recoil starter
Fuel consumption	1,6 lb/h
Idling speed	2.000 1/min
Fuel mix ratio	1:50, 1:100

ENVIRONMENT DATA

Sound level LpA	92,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	104,0 dB(A)

Sound power LWA, guaranteed	108,0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	21,3 ft/s ²
HAV summation (Standard)	EN 500-4
Storage temperature range	-22 - 122 °F
Operating temperature range	14 - 104 °F
Uncertainty in measurement HAV	2,0 ft/s ²

MECHANICAL DETAILS

Length	26,5 "
Width	13,5 "
Height	37,0 "
Weight	123,46 lb
Operating weight	123,5 lb
Length Ramming Shoe	13,4 "
Width Ramming Shoe	6,5 "
Stroke at tamper	1,7 "

Custom Attributes

Model serie	BS50-2
-------------	--------

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.

Copyright © 2023 Wacker Neuson SE

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.