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## 2 stroke rammer BS50-2plus, 280 mm ramming shoe

5100030596

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### 2 stroke rammer BS50-2plus, 280 mm ramming shoe

Material number 5100030596

2 stroke rammer with oil injection and 280 mm ramming 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

- Vibratory 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

### 2 stroke rammer BS50-2plus, 280 mm ramming shoe

#### ENVIRONMENT DATA

Storage temperature range	-30 - 50 °C
Sound level LpA	93,0 dB(A)
Sound power LWA, measured	107,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, guaranteed	108,0 dB(A)
Operating temperature range	-10 - 40 °C
Sound power LWA (Standard)	2000/14/EG
HAV summation (Standard)	EN ISO 5349-1
HAV summation (average value)	8,9 m/s <sup>2</sup>
Uncertainty in measurement HAV	1,3 m/s <sup>2</sup>

#### MECHANICAL - OUTPUT DETAILS

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

#### OPERATING FLUIDS

Oil volume	0,700 l
Lubrication intervall	250 h
Oil specification	SAE 10W-40

#### ENGINE

Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	two-stroke
Cylinder capacity	80 cm <sup>3</sup>
Fuel	Alkylate fuel/Oil mixture
Fuel mix ratio	1:100
Fuel management	Carburettor / oil injection
Fuel consumption	1,00 L/Std
Cylinder	1
Tank capacity	2,90 l
Oil specification	ISO-L-EGC
Standard (Effective power)	ISO 3046-1
Nominal Engine speed	4.400 1/min
Operating power	1,8 kW
Effective power	1,8 kW
Standard (Operating power)	ISO 3046-1
Idling speed	2.000 1/min
Operating Engine speed	4.250 1/min
Exhaust-gas limit	China Stage 2
Spark plug(s)	Champion RL86C
Starter type	Recoil starter
Engine Manufacturer	Wacker Neuson
Fuel consumption	0,73 kg/h

## MECHANICAL DETAILS

Length	673 mm
Length Ramming Shoe	340 mm
Width	343 mm
Width Ramming Shoe	280 mm

Height	940 mm
Weight	59,00 kg
Operating weight	59,0 kg
stroke at tamper	64 mm

## ELECTRICAL SYSTEM

Electrode distance	0,5 - 0,8 mm
Display Equipment	Operating hours counter
Operating elements	Pushbutton OFF

## Custom Attributes

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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