



BS50-2PLUS 11IN US

2-stroke rammers of the Plus series

Always the perfect mix: Rammers of the Plus series

Two-cycle rammers by Wacker Neuson have long been the standard in the construction industry. They are robust, rugged and designed for maximum productivity, performance and durability. The two-stroke tamper offers high compaction performance and ease of operation that convinces every day. It is powered by the WM80 engine developed specially by Wacker Neuson, which thanks to its catalytic converter is well below all emissions standards. The rammers of the Plus series are equipped with separate oil lubrication, which automatically ensures that the fuel is always mixed in the optimum ratio.

Highlights

- Separate, extra large oil tank
- Intelligent, electronic automatic low oil shutoff (2Plus vibratory rammer)
- Automatic idling shutdown
- Optimized start and run behavior
- Copy of Kopie von Template Feature & Benefit
- Optimized thermal management
- 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)

Technical Data

■ Mechanical - Output Details

Number of blows	687,0 1/min
Transmission	Centrifugal Clutch
Engaging speed	2.500,0 1/min
Area capacity	159,0 m ² /h
Forward running	9,5 m/min
Power of impact	16,0 kN

■ Mechanical Details

Length	673,0 mm
Length Ramming Shoe	340,0 mm
Width	343,0 mm
Width Ramming Shoe	280,0 mm
Height	940,0 mm
Weight	59,00 kg

Operating weight	59,0 kg
stroke at tamper	64,0 mm

■ Engine

Effective power	1,8 KW
Running time at 100%	3,2 hrs

■ Environment Data

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

HAV summation (Standard)	EN 500-4
Uncertainty in measurement HAV	1,3 m/s ²
■ Electrical System	
Display Equipment	Operating hours counter
Operating elements	Pushbutton OFF

■ Operating Fluids

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