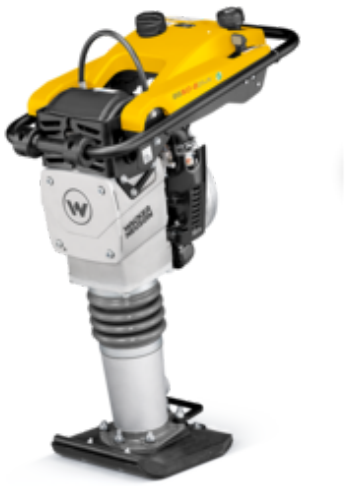
BS50-2PLUS 11IN US
5100030594



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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

Technical specifications

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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/s2
Uncertainty in measurement HAV	1,3 m/s2
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