



**WACKER
NEUSON**
all it takes!

AS50e

5100053792

[Home](#) >> [Catalog](#) >> [Products](#) >> [Compaction](#) >> [Vibratory Rammers](#) >> [Battery Rammer](#) >> **AS50e**

AS50e

Material number 5100053792



Battery-powered rammers: vibratory rammers with battery-powered electric motor. 100% emission-free!

Product details

Highlights

- Low energy costs
- No exhaust emissions
- Maintenance-free electric motor
- Starts with a push of a button
- One battery for all products

Comes with

- Vibratory rammer
 - Operator's manual
 - Transport regulation for rechargeable battery
 - Parts book
- (Battery charger and rechargeable battery not included in the standard package)"

Technical specifications

AS50e

OPERATING FLUIDS	Imperial	Metric
Lubrication intervall	250 h	250 h
Oil volume	0,185 gal US	0,700 l
Oil specification	SAE 10W-40	SAE 10W-40

MOTOR	Imperial	Metric
Nominal speed	4.350 1/min	4.350 1/min
Nominal torque	2,4 lb/ft	3,300 Nm
Motor type	asynchronous motor	asynchronous motor
Nominal power	1,950 kW	1,950 kW
Insulation class	F	F

MECHANICAL - OUTPUT DETAILS	Imperial	Metric
Forward running	0,5 fps	8,80 m/min
Power of impact	3.596,9 lbf	16 kN
Number of blows	680 1/min	680 1/min

ELECTRICAL - OUTPUT DETAILS	Imperial	Metric
Nominal current	41,00 A	41,00 A
Nominal voltage	51 V 51,0 V, 51,0 V	51 V 51,0 V, 51,0 V
Kind of current (Output)	DC, DC, DC	DC, DC, DC
Nominal power [P]	2,10 kW	2,10 kW

ELECTRICAL SYSTEM	Imperial	Metric
Load time 100% BOC13	140 min, 95 min	140 min, 95 min
Range APS2050e	11.464 ft2, 8.611 ft2	1.065 m2, 800 m2

Range AP2560e	5.683 ft2, 3.305 ft2	528 m2, 307 m2
Charge level indicator	yes, yes	yes, yes
Load time 80% BOC13	105 min, 70 min	105 min, 70 min
Battery identifier	14INR19/66-8, 14INR19/66-8	14INR19/66-8, 14INR19/66-8
Load time 80% BOC7	140 min, 200 min	140 min, 200 min
Load time 100% BOC7	255 min, 160 min	255 min, 160 min
Range APS1030e	6.566 ft2, 4.629 ft2	610 m2, 430 m2
Range AP1850e	9.494 ft2, 6.781 ft2	882 m2, 630 m2
Range AP1840e	9.192 ft2, 6.566 ft2	854 m2, 610 m2
Range AS30e	2.526,2 Foot, 1.624,0 Foot	770 m, 495 m
Range AS50e	1.154,9 Foot, 866,1 Foot	352 m, 264 m
Installed energy	1.008,0 Wh, 1.425,0 Wh	1.008,0 Wh, 1.425,0 Wh
Range AS60e	1.023,6 Foot, 853,0 Foot	312 m, 260 m
Range APS1550e	10.333 ft2, 7.750 ft2	960 m2, 720 m2
Range APS1135e	8.234 ft2, 5.813 ft2	765 m2, 540 m2
Installed capacity	20,0 Ah, 28,0 Ah	20,0 Ah, 28,0 Ah
Range APS1340e	9.903 ft2, 6.997 ft2	920 m2, 650 m2
Range ACBe	5,6 h, 4,0 h	5,6 h, 4,0 h
Type of battery	Li-Ion, Li-Ion	Li-Ion, Li-Ion
Breaker Switch On/Off	Yes, Yes	Yes, Yes

ENVIRONMENT DATA	Imperial	Metric
Operating temperature range	32 - 113 °F, 14 - 122 °F, null	0 - 45 °C, -10 - 50 °C, null
Sound level LpA (Standard)	EN 500-4	EN 500-4
Sound power LWA, guaranteed	108,0 dB(A)	108,0 dB(A)
Storage temperature range	-22 - 122 °F, -4 - 122 °F, null	-30 - 50 °C, -20 - 50 °C, null
HAV summation (average value)	25,3 ft/s2	7,7 m/s2
Uncertainty in measurement HAV	3,0 ft/s2	0,9 m/s2
HAV summation (Standard)	EN 500-4	EN 500-4
Sound level LpA	90,0 dB(A)	90,0 dB(A)
Degree of protection	IP23D, IP2X, null	IP23D, IP2X, null
Sound power LWA (Standard)	EN 500-4	EN 500-4

Sound power LWA, measured	103,0 dB(A)	103,0 dB(A)
Temperature range charging	32,0 - 113,0 °F, null	0 - 45 °C, null

MECHANICAL DETAILS	Imperial	Metric
Operating weight	156,5 lb	71,0 kg
Length	11,7 " , 11,7 " , 24,0 "	296 mm, 296 mm, 610 mm
Length Ramming Shoe	13,4 "	340 mm
Height	41,3 " , 12,7 " , 12,7 "	1.050 mm, 322 mm, 322 mm
Width Ramming Shoe	11,0 "	280 mm
Width	15,6 " , 14,3 " , 15,6 "	396 mm, 363 mm, 396 mm
Weight	135,58 lb, 21,96 lb, 21,38 lb	61,50 kg, 9,96 kg, 9,70 kg
Stroke at tamper	1,5 "	39 mm

Custom Attributes	Imperial	Metric
Model serie	AS	AS

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 © 2024 Wacker Neuson SE