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## APS1030e

5100059660

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### APS1030e

Material number 5100059660

Single direction, emission-free vibratory plate for soil and asphalt compaction. With battery-operated electric motor.



### Product details

- Excellent driving features: No matter whether used on asphalt or soil – the APS is easy to manoeuvre and provides perfect surfaces.
- Clean finish to the kerb is easily generated due to the square side-profile of the base plate.
- The control handle addresses the steering movements clearly, yet nevertheless generates low hand-arm vibrations of less than 5 m/s<sup>2</sup>, which enable a long, comfortable working conditions.
- Easy to transport: A large lifting eye and wide, ergonomically designed carrying handles make moving and loading the machine both easy and comfortable.
- Maintenance-free thanks to the direct drive: The APS series manages without a fan belt and is therefore completely maintenance-free. The storage has a lifetime lubrication.
- Battery system: The battery is easy to remove with ejection and can also be used for all other battery devices by Wacker Neuson.
- Accessories available separately: Wheel set and paving stone sliding mechanism round off the application areas of the APS.

### Comes with

- Vibratory plate
- Operating 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

### APS1030e

#### ELECTRICAL - OUTPUT DETAILS

Nominal current	21,50 A
Nominal voltage	51 V
Nominal power [P]	1,20 kW
Nominal voltage	51,0 V, 51,0 V, 51,0 V
Kind of current (Output)	DC, DC, DC, DC

#### MECHANICAL DETAILS

Length	296 mm, 296 mm, 296 mm
Width	396 mm, 396 mm, 320 mm, 396 mm
Height	663 mm, 322 mm, 322 mm, 322 mm
Weight	50,00 kg, 9,96 kg, 6,45 kg, 9,70 kg
Length Drawbar in op. pos.	930 mm
Ground clearance	663 mm

#### ENVIRONMENT DATA

Sound level LpA	86,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	99,0 dB(A)
Sound power LWA, guaranteed	105,0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	4,0 m/s <sup>2</sup>
HAV summation (Standard)	EN 500-4
Storage temperature range	-20 - 50 °C, null, -30 - 50 °C, -20 - 50 °C

Operating temperature range	null, 0 - 40 °C, -10 - 50 °C, -10 - 50 °C
Uncertainty in measurement HAV	0,5 m/s <sup>2</sup>
Degree of protection	IP2X, IP2X, null
Temperature range charging	0 - 45 °C, 0 - 45 °C, null

## ELECTRICAL SYSTEM

Recommended Battery Typ	BOB14, BOB5, BOB10
Breaker Switch On/Off	Yes, Yes, Yes, Yes
Charge level indicator	yes, yes, yes
Battery identifier	14INR19/66-8, 14INR19/66-8, 14INR19/66-4
Type of battery	Li-Ion, Li-Ion, Li-Ion
Installed energy	1.425,0 Wh, 504,0 Wh, 1.008,0 Wh
Installed capacity	28 Ah, 10 Ah, 20 Ah
Range AS30e	770 m, 275 m, 495 m
Range AS50e	352 m, 123 m, 264 m
Range AS60e	312 m, 104 m, 260 m
Range AP1840e	610 m <sup>2</sup> , 854 m <sup>2</sup> , 302 m <sup>2</sup>
Range AP1850e	630 m <sup>2</sup> , 882 m <sup>2</sup> , 315 m <sup>2</sup>
Range AP2560e	307 m <sup>2</sup> , 528 m <sup>2</sup> , 173 m <sup>2</sup>
Range ACBe	4,0 h, 5,6 h, 2,0 h
Range APS1030e	430 m <sup>2</sup> , 200 m <sup>2</sup> , 610 m <sup>2</sup>
Range APS1135e	540 m <sup>2</sup> , 250 m <sup>2</sup> , 765 m <sup>2</sup>
Range APS1340e	300 m <sup>2</sup> , 920 m <sup>2</sup> , 650 m <sup>2</sup>
Range APS1550e	960 m <sup>2</sup> , 300 m <sup>2</sup> , 720 m <sup>2</sup>
Range APS2050e	1.065 m <sup>2</sup> , 335 m <sup>2</sup> , 800 m <sup>2</sup>
Battery runtime	90 min, 60 min, 30 min
Load time 100% BOC13	140 min, 50 min, 95 min
Load time 80% BOC13	105 min, 70 min, 35 min
Load time 100% BOC7	255 min, 160 min, 90 min
Load time 80% BOC7	70 min, 200 min, 140 min
Integrated transformer	yes

## MECHANICAL - OUTPUT DETAILS

Gradeability	46,6 %
Centrifugal force	10,000 kN
Area capacity	500 m2/h
Vibrations	5.880 1/min
Vibrations (Hz)	98,0 Hz

## MECHANICAL - OUTPUT DETAILS

Gradeability	46,6 %
Centrifugal force	2.248 lbf
Area capacity	5.382,0 ft2/h
Vibrations	5.880 1/min
Vibrations (Hz)	98,0 Hz

## ELECTRICAL - OUTPUT DETAILS

Nominal current	21,50 A
Nominal voltage	51 V
Nominal power [P]	1,20 kW
Nominal voltage	51,0 V, 51,0 V, 51,0 V
Kind of current (Output)	DC, DC, DC, DC

## ELECTRICAL SYSTEM

Recommended Battery Typ	BOB14, BOB5, BOB10
Breaker Switch On/Off	Yes, Yes, Yes, Yes

Charge level indicator	yes, yes, yes
Battery identifier	14INR19/66-8, 14INR19/66-8, 14INR19/66-4
Type of battery	Li-Ion, Li-Ion, Li-Ion
Installed energy	1.425,0 Wh, 504,0 Wh, 1.008,0 Wh
Installed capacity	28 Ah, 10 Ah, 20 Ah
Range AS30e	2.526,2 Foot, 902,2 Foot, 1.624,0 Foot
Range AS50e	1.154,9 Foot, 403,5 Foot, 866,1 Foot
Range AS60e	1.023,6 Foot, 341,2 Foot, 853,0 Foot
Range AP1840e	6.566 ft2, 9.192 ft2, 3.251 ft2
Range AP1850e	6.781 ft2, 9.494 ft2, 3.391 ft2
Range AP2560e	3.305 ft2, 5.683 ft2, 1.862 ft2
Range ACBe	4,0 h, 5,6 h, 2,0 h
Range APS1030e	4.629 ft2, 2.153 ft2, 6.566 ft2
Range APS1135e	5.813 ft2, 2.691 ft2, 8.234 ft2
Range APS1340e	3.229 ft2, 9.903 ft2, 6.997 ft2
Range APS1550e	10.333 ft2, 3.229 ft2, 7.750 ft2
Range APS2050e	11.464 ft2, 3.606 ft2, 8.611 ft2
Battery runtime	90 min, 60 min, 30 min
Load time 100% BOC13	140 min, 50 min, 95 min
Load time 80% BOC13	105 min, 70 min, 35 min
Load time 100% BOC7	255 min, 160 min, 90 min
Load time 80% BOC7	70 min, 200 min, 140 min
Integrated transformer	yes

## ENVIRONMENT DATA

Sound level LpA	86,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	99,0 dB(A)
Sound power LWA, guaranteed	105,0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	13,1 ft/s2

HAV summation (Standard)	EN 500-4
Storage temperature range	-4 - 122 °F, null, -22 - 122 °F, -4 - 122 °F
Operating temperature range	null, 32 - 104 °F, 14 - 122 °F, 14 - 122 °F
Uncertainty in measurement HAV	1,6 ft/s <sup>2</sup>
Degree of protection	IP2X, IP2X, null
Temperature range charging	32,0 - 113,0 °F, 32,0 - 113,0 °F, null

## MECHANICAL DETAILS

Length	11,7 ", 11,7 ", 11,7 "
Width	15,6 ", 15,6 ", 12,6 ", 15,6 "
Height	26,1 ", 12,7 ", 12,7 ", 12,7 "
Weight	110,23 lb, 21,96 lb, 14,22 lb, 21,38 lb
Lenght Drawbar in op. pos.	36,6 "
Ground clearance	26,1 "

## Custom Attributes

Model serie	APS
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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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