



**WACKER  
NEUSON**  
*all it takes!*

## WP1550Aw

5100018324

[Home](#) >> [Catalog](#) >> [Products](#) >> [Compaction](#) >> [Vibratory Plates](#) >> [Single direction Vibratory Plates](#) >> **WP1550Aw**



## WP1550Aw

Material number 5100018324

Single direction vibratory plate with water tank for soil compaction

### Product details

- Low-maintenance design for low TCO
- Sturdy protective frame for engine and water tank

## Technical specifications

### WP1550Aw

#### MECHANICAL - OUTPUT DETAILS

Gradeability	36,4 %
Centrifugal force	15,000 kN
Transmission	FKK-KR
Area capacity	870 m <sup>2</sup> /h
Vibrations	5.880 1/min
Forward running	29,00 m/min
Vibrations (Hz)	98,0 Hz

#### OPERATING FLUIDS

Exciter oil volume	0,15 l
Exciter oil type	75W-90 API GL-4
Tank capacity	3,60 l

#### MECHANICAL DETAILS

Width	498 mm
Height	963 mm
Operating weight	96,0 kg
Lenght Drawbar in op. pos.	877 mm
Ground clearance	527 mm

#### ENVIRONMENT DATA

Sound level LpA	94,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	107,0 dB(A)
Sound power LWA, guaranteed	108,0 dB(A)
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
HAV summation (average value)	5,3 m/s <sup>2</sup>
HAV summation (Standard)	EN 500-4
Storage temperature range	-15 - 40 °C
Operating temperature range	-15 - 40 °C
Uncertainty in measurement HAV	0,5 m/s <sup>2</sup>

## ENGINE

Engine type	Gasoline engine
Effective power	3,1 kW, 3,6 kW
Nominal Engine speed	3.600 1/min, 3.600 1/min
Standard (Effective power)	ISO 3046 IFN
Cylinder	1
Cylinder capacity	163 cm <sup>3</sup>
Engine Manufacturer	Honda
Cooling	air cooling
Exhaust-gas limit	EPA4/08
Kraftstofftyp	Gasoline
Air cleaner	Cyclone air filter
Engine operating mode	four-stroke
Inclined position max.	20,0 °
Fuel consumption	0,80 L/Std
Fuel management	Carburettor
Oil specification	SAE 10W-30
Oil filling max.	0,60 l
Oil filling min.	0,60 l
Power rating max.	3,6 kW

Engine speed (Power max.)	3.600 1/min
Standard (Power max.)	SAE J1349
Operating power	2,9 kW
Operating Engine speed	3.520 1/min
Standard (Operating power)	ISO 3046 IFN
Spark plug(s)	NGK BP-6 ES
Electrode distance	0,70 - 0,80 mm
Oil volume incl. filter change	0,60 l
Starter type	Recoil starter
Starter battery Voltage	0 V
Battery capacity (nom. value)	0 Ah

#### OPERATING FLUIDS

Exciter oil volume	0,16 qt US
Exciter oil type	75W-90 API GL-4
Tank capacity	1,0 gal US

#### ENGINE

Engine type	Gasoline engine
Effective power	4,2 hp, 4,8 hp
Nominal Engine speed	3.600 1/min, 3.600 1/min
Standard (Effective power)	ISO 3046 IFN
Cylinder	1
Cylinder capacity	9,9 Inch <sup>3</sup>
Engine Manufacturer	Honda
Cooling	air cooling
Exhaust-gas limit	EPA4/08
Kraftstofftyp	Gasoline
Air cleaner	Cyclone air filter

Engine operating mode	four-stroke
Inclined position max.	20,0 °
Fuel consumption	0,2 GPH US
Fuel management	Carburettor
Oil specification	SAE 10W-30
Oil filling max.	0,2 gal US
Oil filling min.	0,2 gal US
Power rating max.	4,8 hp
Engine speed (Power max.)	3.600 1/min
Standard (Power max.)	SAE J1349
Operating power	3,9 hp
Operating Engine speed	3.520 1/min
Standard (Operating power)	ISO 3046 IFN
Spark plug(s)	NGK BP-6 ES
Electrode distance	0,028 - 0,032 "
Oil volume incl. filter change	0,2 gal US
Starter type	Recoil starter
Starter battery Voltage	0 V
Battery capacity (nom. value)	0 Ah

## ENVIRONMENT DATA

Sound level LpA	94,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	107,0 dB(A)
Sound power LWA, guaranteed	108,0 dB(A)
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
HAV summation (average value)	17,4 ft/s <sup>2</sup>
HAV summation (Standard)	EN 500-4
Storage temperature range	5 - 104 °F
Operating temperature range	5 - 104 °F
Uncertainty in measurement HAV	1,6 ft/s <sup>2</sup>

## MECHANICAL DETAILS

Width	19,6 "
Height	37,9 "
Operating weight	211,6 lb
Lenght Drawbar in op. pos.	34,5 "
Ground clearance	20,7 "

## MECHANICAL - OUTPUT DETAILS

Gradeability	36,4 %
Centrifugal force	3.372 lbf
Transmission	FKK-KR
Area capacity	9.364,7 ft2/h
Vibrations	5.880 1/min
Forward running	1,6 fps
Vibrations (Hz)	98,0 Hz

## Custom Attributes

Model serie	WP
-------------	----

### 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 © 2023 Wacker Neuson SE

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.