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## WP1550Aw

5100018324

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## 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 m2/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 Inch3
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
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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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