

# BPS1030Aw

5100058916

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#### BPS1030Aw

Material number 5100058916

Single direction vibratory plate with water tank for soil and asphalt compaction

#### **Product details**

- •Excellent driving features: No matter whether used on asphalt or soil the BPS 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/s², 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: The BPS series is equipped with an extremely sturdy fan belt and has storage with lifetime lubrication. As a result, it is practically maintenance-free.
- •Accessories are 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**

## BPS1030Aw

## MECHANICAL DETAILS

Length Drawbar in op. pos.	930 mm
Width	320 mm
Height	663 mm
Operating weight	56,0 kg
Ground clearance	663 mm

## **OPERATING FLUIDS**

Tank capacity	2,50 l	

## **ENVIRONMENT DATA**

Storage temperature range	-15 - 40 °C
Sound level LpA	94,0 dB(A)
Sound power LWA, measured	104,0 dB(A)
Sound power LWA, guaranteed	105,0 dB(A)
Operating temperature range	-15 - 45 °C
Sound power LWA (Standard)	EN 500-4
HAV summation (Standard)	EN 500-4
HAV summation (average value)	4,6 m/s2
Uncertainty in measurement HAV	0,5 m/s2

# **ELECTRICAL SYSTEM**

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Electrode distance 0,7 - 0,8 mm

# **ENGINE**

Engine type         Gasoline engine           Engine operating mode         four-stroke           Cylinder capacity         118 cm3           Fuel         Gasoline           Fuel management         Carburettor           Fuel consumption         1,00 L/Std           Inclined position max.         20,0 °           Cylinder         1           Oil specification         SAE 10W-30           Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3,600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3,600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3,600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Cooling	air cooling
Cylinder capacity         118 cm3           Fuel         Gasoline           Fuel management         Carburettor           Fuel consumption         1,00 L/Std           Inclined position max.         20,0°           Cylinder         1           Oil specification         SAE 10W-30           Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3,600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3,600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3,600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Engine type	Gasoline engine
Fuel         Gasoline           Fuel management         Carburettor           Fuel consumption         1,00 L/Std           Inclined position max.         20,0°           Cylinder         1           Oil specification         SAE 10W-30           Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3,600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3,600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3,600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Engine operating mode	four-stroke
Fuel management  Fuel consumption  1,00 L/Std  Inclined position max.  20,0 °  Cylinder  1  Oil specification  SAE 10W-30  Oil filling max.  0,60 1  Power rating max.  2,6 kW  Standard (Effective power)  ISO 3046 IFN  Nominal Engine speed  3,600 1/min  Standard (Power max.)  Operating power  2,1 kW  Engine speed (Power max.)  3,600 1/min  Effective power  2,6 kW  Oil filling min.  0,60 1  Standard (Operating power)  ISO 3046 IFN  Operating Engine speed  3,600 1/min  Effective power  2,6 kW  Oil filling min.  0,60 1  Standard (Operating power)  ISO 3046 IFN  Operating Engine speed  3,600 1/min  Exhaust-gas limit  EPA4/08  Spark plug(s)  NGK BP-6 ES  Starter type  Recoil starter  Oil volume incl. filter change  dry air filter	Cylinder capacity	118 cm3
Fuel consumption         1,00 L/Std           Inclined position max.         20,0 °           Cylinder         1           Oil specification         SAE 10W-30           Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Fuel	Gasoline
Inclined position max.         20,0 °           Cylinder         1           Oil specification         SAE 10W-30           Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Fuel management	Carburettor
Cylinder         1           Oil specification         SAE 10W-30           Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Fuel consumption	1,00 L/Std
Oil specification         SAE 10W-30           Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Inclined position max.	20,0 °
Oil filling max.         0,60 I           Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Cylinder	1
Power rating max.         2,6 kW           Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Oil specification	SAE 10W-30
Standard (Effective power)         ISO 3046 IFN           Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Oil filling max.	0,60 I
Nominal Engine speed         3.600 1/min           Standard (Power max.)         SAE J1349           Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Power rating max.	2,6 kW
Standard (Power max.)  Operating power  2,1 kW  Engine speed (Power max.)  3,600 1/min  Effective power  2,6 kW  Oil filling min.  O,60 I  Standard (Operating power)  ISO 3046 IFN  Operating Engine speed  3,600 1/min  Exhaust-gas limit  EPA4/08  Spark plug(s)  NGK BP-6 ES  Starter type  Recoil starter  Oil volume incl. filter change  Air cleaner  Age and a speed	Standard (Effective power)	ISO 3046 IFN
Operating power         2,1 kW           Engine speed (Power max.)         3.600 1/min           Effective power         2,6 kW           Oil filling min.         0,60 I           Standard (Operating power)         ISO 3046 IFN           Operating Engine speed         3.600 1/min           Exhaust-gas limit         EPA4/08           Spark plug(s)         NGK BP-6 ES           Starter type         Recoil starter           Oil volume incl. filter change         0,60 I           Air cleaner         dry air filter	Nominal Engine speed	3.600 1/min
Engine speed (Power max.)  Effective power  2,6 kW  Oil filling min.  0,60 l  Standard (Operating power)  ISO 3046 IFN  Operating Engine speed  3.600 1/min  Exhaust-gas limit  EPA4/08  Spark plug(s)  NGK BP-6 ES  Starter type  Recoil starter  Oil volume incl. filter change  Air cleaner  dry air filter	Standard (Power max.)	SAE J1349
Effective power 2,6 kW  Oil filling min. 0,60 l  Standard (Operating power) ISO 3046 IFN  Operating Engine speed 3.600 1/min  Exhaust-gas limit EPA4/08  Spark plug(s) NGK BP-6 ES  Starter type Recoil starter  Oil volume incl. filter change 0,60 l  Air cleaner dry air filter	Operating power	2,1 kW
Oil filling min.  Standard (Operating power)  ISO 3046 IFN  Operating Engine speed  3.600 1/min  Exhaust-gas limit  EPA4/08  Spark plug(s)  NGK BP-6 ES  Starter type  Recoil starter  Oil volume incl. filter change  Air cleaner  One of the power of the	Engine speed (Power max.)	3.600 1/min
Standard (Operating power)  Operating Engine speed  3.600 1/min  Exhaust-gas limit  EPA4/08  Spark plug(s)  NGK BP-6 ES  Starter type  Recoil starter  Oil volume incl. filter change  Air cleaner  ISO 3046 IFN  3.600 1/min  EPA4/08  Recoil starter  Oid volume incl. filter change  dry air filter	Effective power	2,6 kW
Operating Engine speed  Exhaust-gas limit  EPA4/08  Spark plug(s)  NGK BP-6 ES  Starter type  Recoil starter  Oil volume incl. filter change  Air cleaner  3.600 1/min  EPA4/08  Recoil starter  0,60 I  dry air filter	Oil filling min.	0,60 I
Exhaust-gas limit  Spark plug(s)  NGK BP-6 ES  Starter type  Recoil starter  Oil volume incl. filter change  Air cleaner  EPA4/08  NGK BP-6 ES  Recoil starter  O,60 I  dry air filter	Standard (Operating power)	ISO 3046 IFN
Spark plug(s)  Starter type  Recoil starter  Oil volume incl. filter change  Air cleaner  NGK BP-6 ES  Recoil starter  0,60 I  dry air filter	Operating Engine speed	3.600 1/min
Starter type Recoil starter  Oil volume incl. filter change 0,60 I  Air cleaner dry air filter	Exhaust-gas limit	EPA4/08
Oil volume incl. filter change 0,60 I  Air cleaner dry air filter	Spark plug(s)	NGK BP-6 ES
Air cleaner dry air filter	Starter type	Recoil starter
	Oil volume incl. filter change	0,60 I
Engine Manufacturer Honda	Air cleaner	dry air filter
	Engine Manufacturer	Honda

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## MECHANICAL - OUTPUT DETAILS

Centrifugal force	10,000 kN
Transmission	FKR
Vibrations	5.880 1/min
Area capacity	500 m2/h
Forward Running	26,00 m/min
Gradeability	36,4 %
Vibrations (Hz)	98 Hz

#### **Custom Attributes**

Model serie	BPS	

#### 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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