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## BPU3750A Reversible Vibratory Plate

5000610423

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### BPU3750A Reversible Vibratory Plate

Material number 5000610423

Reversible vibratory plate with a gasoline engine. The versatile plate is ideal for soil, asphalt and paving stone compaction.

### Product details

The compact vibratory plate with an excellent weight to performance ratio.

- Uniquely mobile: The integrated, very sturdy transport gear allows for easy transport on the construction site
- Intuitive control handle: Control of the movement of direction as well as the speed in the same movement sequence - without changing grips, both hands stay on the control unit
- Low hand-arm vibrations (HAV) (well below 2.5 m/s<sup>2</sup>)
- Height adjustable center pole
- Safety setting: Machine moves away from the operator if the control handle is released
- Large-sized engine for a long service life
- The engine and tank are protected by a sturdy frame, which is also useful for a sturdy tie-down during transport
- All maintenance points are easily accessible
- Thick, wear resistant base plate made from nodular cast iron
- Very sturdy, free from play center pole lock, easy to actuate for a secure transport
- Sturdy, fold-down lifting eye
- Quick and easy assembly of a paving pad possible

You will also find an appropriate paving pad here in the shop for the protection of paving stone bottoms.

### Comes with

- Equipment
- Operator's manual



## Technical specifications

### BPU3750A Reversible Vibratory Plate

#### MECHANICAL DETAILS

Length Drawbar in op. pos.	1.295 mm
Width	500 mm
Height	1.101 mm
Operating weight	240,0 kg
Ground clearance	777 - 887 mm

#### MECHANICAL - OUTPUT DETAILS

Centrifugal force	37,000 kN
Transmission	FKK
Vibrations	5.400 1/min
Area capacity	720 m2/h
Forward Running	24,00 m/min
Backward Running	20,0 m/min
Gradeability	46,6 %
Vibrations (Hz)	90 Hz

#### ENVIRONMENT DATA

Storage temperature range	-15 - 40 °C
Sound level LpA	86,0 dB(A)
Sound power LWA, measured	107,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, guaranteed	108,0 dB(A)
Operating temperature range	-15 - 40 °C
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
Vibration total value ahv	1,5 m/s2
HAV summation (Standard)	EN 500-4
Vibration value ahv (Standard)	EN 500-4
HAV summation (average value)	2,5 m/s2
Uncertainty in measurement HAV	0,5 m/s2

## OPERATING FLUIDS

Exciter oil volume	0,60 l
Hydraulic fluid type	Renolin MR 520
Exciter oil type	75W-90 API GL-4
Hydraulic fluid volume	0,4 l
Tank capacity	5,30 l

## ENGINE

Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	four-stroke
Cylinder capacity	270 cm <sup>3</sup>
Fuel	Gasoline
Fuel management	Carburettor
Fuel consumption	1,60 L/hr
Inclined position max.	20,0 °
Cylinder	1
Tank capacity	5,30 l
Oil specification	SAE 10W-30
Oil filling max.	1,10 l
Power rating max.	6,3 KW
Standard (Effective power)	SAE J1349
Nominal Engine speed	2.800 1/min
Standard (Power max.)	SAE J1349
Operating power	4,6 KW
Engine speed (Power max.)	3.600 1/min
Effective power	5,6 KW
Oil filling min.	1,10 l
Standard (Operating power)	ISO 3046 IFN
Operating Engine speed	2.600 1/min
Exhaust-gas limit	EPA4/08
Spark plug(s)	Denso W20EPR-U

Starter battery Voltage	0 V
Starter type	Recoil starter
Oil volume incl. filter change	1,10 l
Air cleaner	dry air filter
Battery capacity (nom. value)	0 Ah
Engine Manufacturer	Honda
Electrode distance	0,7 - 0,8 mm

#### ELECTRICAL SYSTEM

Electrode distance	0,7 - 0,8 mm
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#### OPERATING FLUIDS

Tank capacity	1,4 gal US
Hydraulic fluid type	Renolin MR 520
Exciter oil volume	0,63 qt US
Exciter oil type	75W-90 API GL-4
Hydraulic fluid volume	0,4 qt US

#### MECHANICAL DETAILS

Length Drawbar in op. pos.	51,0 "
Width	19,7 "
Height	43,3 "
Operating weight	529,1 lb
Ground clearance	30,6 - 34,9 "

#### MECHANICAL - OUTPUT DETAILS

Centrifugal force	8.318 lbf
Vibrations	5.400 1/min
Transmission	FKK
Area capacity	7.750,1 ft <sup>2</sup> /h
Forward Running	1,3 fps
Backward Running	1,1 fps
Gradeability	46,6 %

Vibrations (Hz)	90 Hz
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## ELECTRICAL SYSTEM

Electrode distance	0,028 - 0,032 "
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## ENGINE

Fuel consumption	0,4 GPH US
Engine operating mode	four-stroke
Engine type	Gasoline engine
Fuel	Gasoline
Cooling	air cooling
Inclined position max.	20,0 °
Cylinder	1
Cylinder capacity	16,5 Inch3
Fuel management	Carburettor
Oil filling min.	0,3 gal US
Oil specification	SAE 10W-30
Oil filling max.	0,3 gal US
Power rating max.	8,4 hp
Engine speed (Power max.)	3.600 1/min
Standard (Power max.)	SAE J1349
Nominal Engine speed	2.800 1/min
Standard (Effective power)	SAE J1349
Effective power	7,5 hp
Operating power	6,2 hp
Operating Engine speed	2.600 1/min
Standard (Operating power)	ISO 3046 IFN
Spark plug(s)	Denso W20EPR-U
Electrode distance	0,028 - 0,032 "
Starter battery Voltage	0 V
Starter type	Recoil starter
Exhaust-gas limit	EPA4/08
Oil volume incl. filter change	0,3 gal US

Air cleaner	dry air filter
Battery capacity (nom. value)	0 Ah
Engine Manufacturer	Honda
Tank capacity	1,4 gal US

#### ENVIRONMENT DATA

Storage temperature range	5 - 104 °F
Operating temperature range	5 - 104 °F
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	107,0 dB(A)
Sound level LpA	86,0 dB(A)
Sound power LWA, guaranteed	108,0 dB(A)
Vibration total value ahv	4,9 ft/s <sup>2</sup>
HAV summation (average value)	8,2 ft/s <sup>2</sup>
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
Vibration value ahv (Standard)	EN 500-4
HAV summation (Standard)	EN 500-4
Uncertainty in measurement HAV	1,6 ft/s <sup>2</sup>

#### 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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