

# DPU 5045H Reversible Vibratory Plate, 50kN, 45cm/18in

Item Number: 0610052

# DPU 5045H

## The plates with unlimited possibilities for all types of soil

>> These vibratory plates offer the best compaction of various types of soil. They show their true strength when working on semi-cohesive soils in particular. These reversible plates provide optimum performance along with a variable forward and reverse speed of up to 92 ft/min (28 m/min). Plus, the dual shaft exciter technology provides the maximum possible compaction depth in most types of soil. <<



## Additional Advantages

- Infinitely variable forward and reverse operation including spot compaction for easy maneuverability. Ideal for trenches and over large areas, also for vibrating heavy interlocking paving stones.
- These low profile units feature standard extension plates providing adjustable operating widths.
- The ductile iron baseplate is impact and wear resistant ensuring long operating life.
- An adjustable guide handle can be moved to a vertical position for operator convenience during tight turns. An optimum shockmount design reduces handle vibration, operator fatigue and engine wear.
- A heavy-duty roll cage and lifting eye provide for easy loading and placement into trenches.

Description	Metric	Imperial
Operating weight	383 kg	844.4 lb
Shipping weight (including packaging)	402 kg	886 lb
Working width	460 mm	18.1 in
Machine height	780 mm	30.7 in
Size of base plate (l x w) without extension plates	900 x 440 mm	35.4 x 17.3 in
Size of base plate (l x w) with standard extension plates	900 x 600 mm	35.4 x 23.6 in
Shipping size (length)	1.140 mm	44.9 in
Shipping size (width)	680 mm	26.8 in
Shipping size (height)	1.500 mm	59.1 in
Length x width x height (handle in working position)	1.700 x 440 x 1.150 mm	66.9 x 17.3 x 45.3 in
Length x width x height (handle in vertical position)	1.010 x 440 x 1.370 mm	39.8 x 17.3 x 53.9 in
Working height of handle (adjustable)	853 - 1.240 mm	33.6 - 48.8 in
Base plate thickness	12 mm	0.5 in
Max. centrifugal force	50 kN	11,240 lbf
Vibration frequency	69 Hz	4,140 vpm
Forward and reverse travel with standard extension plates	0 - 28 m/min	0 - 92.0 ft/min
Max. compacted area - with standard extension plates (depending on soil)	up to 1.025 m <sup>2</sup> /h	up to 11,030 ft <sup>2</sup> /h
Max. gradeability (depending on soil)	up to 40 %	up to 40 %
Drive engine	air-cooled single-cylinder diesel engine with with electric starter and automatic oil shut-off	
Manufacturer	Hatz	Hatz
Type	Supra 1 D 41 S	
Max. power output (DIN-ISO 3046*)	6,3 kW	8.5 hp
at	3.600 1/min	3,600 rpm
Rated power output	4,8 kW	6.5 hp
at	2.950 1/min	2,950 rpm
Fuel consumption	1,8 l/h	1.9 US qt/h
Tank capacity	5,0 l	5.3 US qt
Max. allowable tilt of engine in continuous operation	30 °	30 °
Power Train	from drive engine via automatic centrifugal clutch and V-belt onto exciter, from where the centrifugal forces transmit directly to the base plate	
Fuel type	Diesel	Diesel
Battery	12 V - 55 Ah	12 V - 55 Ah

### Standard Package - DPU 5045H

includes extension plates,  
operator's manual and parts book

Please refer to our Price List and Ordering Guide for complete accessory information.

Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.

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