



## VP Series (10-20 kN)

### Single Direction Vibratory Plates



Compact and agile - ideal for asphalt, horticulture and path construction

The vibratory plates of the VP series are very compact devices. They are ideal for asphalt compaction, interlocking paving stones and for the compaction of mixed soils even in confined spaces.

Typical applications are path construction, gardening and landscaping.

The optimized combination of the specially designed base plate and guide handle provide easy maneuvering.

The plates of the VP series can easily operate around stones and duct covers as well as along curbstones or buildings.

The wheel set (accessory) enables the vibratory plates of the VP-series to be moved easily and with little effort to the next job location on the construction site (except VP1030 and VP1135).

Hand-arm vibrations below 5 m/s<sup>2</sup> and low pollutant emissions help to protect the operator.

- Perfect asphalt compaction: The rounded edges of the base plate minimize the formation of undesired edges when turning the equipment.
- Comfortable soil compaction: The tapered base plate edges facilitate the compaction on the spot.
- Solid construction design minimizes maintenance: The protected belt drive prevents wear of the belt.
- Robust lifting eye and handles on the base plate for easy transportation.
- All models are available with or without water tank.



### **Sprinkler system**

- Steady wetting up to the edges of the base plate
  - Large filter in the water tank with very good filter action prevents clogging of the water nozzles
  - Large, stable and easy to operate regulator for optimum dosing of the feed volume
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### **Base plate**

- Tapered and rounded edges minimize the formation of undesired edges when turning the base plate and provide a smooth surface.
  - Made of wear resistant ductile cast iron for a long service life.
  - First class results in asphalt compaction due to the very high quality base plate.
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### Guide handle

- Forward pivoting handle provides compact transportation and storage. This also allows for operations such as upward pulling of the plate when working on a slope.
  - The guide handle becomes narrower towards the top, which avoids abrasive scratches on walls when compacting close-to-edge.
  - The bent shape of the guide handle provides stability during lateral operation..
  - Low hand-arm-vibrations of less than 5 m/s<sup>2</sup> provide user comfort and allow longer operating times of the vibratory plate and the operator.
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### Transportation

- Large solid lifting eye for safe handling.
  - Lifting eye turned by 90 degrees for better balance when lifting and easier access to tank.
  - Handles on the base of the equipment allow easy transportation.
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### **Paving Pad**

- Time saving: quick and stable mounting without screwing to base plate.
- Material-friendly, essential accessory for all pavement applications.



## Technical specifications

	VP1030A	VP1135	VP1340A	VP1550A	VP2050A
<b>Operating data</b>					
Operating weight kg	50.8	64	84	93	101
Centrifugal force kN	10	11	13	15	20
Base plate size (w x l) mm	313 x 472	355 x 510	405 x 596	505 x 596	505 x 596
Operating width mm	313	355	405	505	505
Operating height (underclearance) mm	471	471	639	642	642
Frequency Hz	98	98	98	98	98
Advance travel m/min	22	27	25	25	25
Surface capacity m <sup>2</sup> /h	419	575	600	750	750
<b>Engine / Motor</b>					
Engine / Motor type	4 stroke gasoline engine	4 stroke gasoline engine	4 stroke gasoline engine	4 stroke gasoline engine	4 stroke gasoline engine
Engine / Motor manufacturer	Honda	Honda	Honda	Honda	Honda
Engine / Motor	GX120	GX120	GX160	GX160	GX160
Displacement cm <sup>3</sup>	118	118	163	163	163
Engine performance (rated) kW	2.6	2.6	3.1	3.1	3.1
at rpm rpm	3,600	3,600	3,600	3,600	3,600
Fuel consumption l/h	1	1	0.8	0.8	0.8
Fuel tank capacity l	2.5	2.5	3.6	3.6	3.6

All vibratory plates are available with water tank (capacity 9 l / 2.38 US gal; operating weight + 8 kg / 17.6 lb)

### Please note

that 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 stated power may vary due to specific operating conditions.

Subject to alterations and errors excepted. Applicable also to illustrations.

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