

BRANDL – Plate compactors

Base of wear-resistant Hardox

Hydraulically-operated plate compactors have for years been a means highly valued by users of obtaining excellent compaction results on surfaces consisting of noncohesive and gravelly surfaces, such as sand, gravel and mixed soils.

The bulking effect of the top 10 – 15 cm, familiar to roller users, are also avoided with plate compactors. The savings in repeat roller passages leads to reductions in costs and construction times.

By using top-quality Bomag compactor components means solutions can be offered for a wide range of conditions in road, footpath and rail construction and excavations.

The plate compactor, which can move freely on all sides, is suitable for problem-free use on all pre-prepared ground surfaces. As **BRANDL** plate compactors are pushed or pulled by carrier units, unlike with hand-operated vibration plates, two excitation shafts can be used to generate the compaction energy.

With the sum of the excitation forces, a proportionate increase of the compaction energy is obtained. The setting of the counter-motion of the excitation shafts achieves a full vertically-aligned vibration and compaction effect.

Depending on the nature of the ground surface, the compaction effect is up to 50 cm.

For excavators, wheeled loaders, tractors, Unimog, telescopic loaders!

- **high compaction levels**
- **long serviceable life**
- **robust steel construction**
- **versatile**
- **many applications due to capability of fitting to various carrier units**

BRANDL BPV plate compactors

	BPV 1H Single plate	BPV 1HD Rotating single plate	BPV 1HS Telescopic single plate	BPV 2H Double plate	BPV 3H/T Triple plate
width/ mm	550/700/850	550/700/850	550/700/850	1120/1420/1720	1690/2140/2590
Centrifugal force /kN	1 x 60	1 x 60	1 x 60	2 x 60	3 x 60
Frequency / Hz	40-65	40-65	40-65	40-65	40-65
Oil consumption / litres/min	40-70	70	60-70	50-70	70
Operating pressure / bar	200	200	200	200	200
weight / kg	470	590	850/1150	850	1300/1800
telescope action / mm	-	-	1000/2200	-	-
Rating	on request	on request	FEM 2	FEM 2	FEM 2 / Cat 2/3

We reserve the right to make changes for the purposes of technical progress



BPV 1HS verge compactor

Hydraulic telescopic action plate compactor up to 1000 mm, optional up to 2200 mm, mechanical depth setting up to 600 mm below ground level automatic profile adjustment up to 15° angle of incline



BPV 2H double plate compactor fitted with easy fixing plate for excavator



BPV 2H double plate compactor fitted with easy fixing plate for wheeled loader



BPV 3H/T triple plate compactor

for operation with wheeled loaded or tractor power take-off with its own oil supply