

Hydraulic Installation Clamps

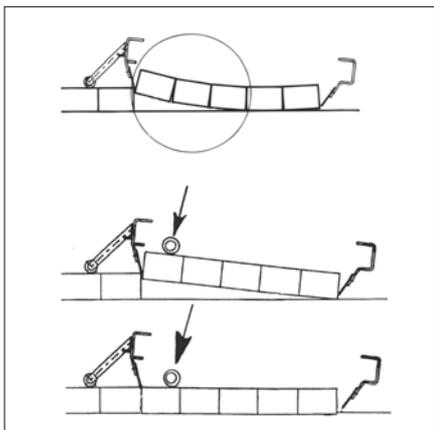
These two hydraulic installation clamps are universally suitable for laying all paving stone installation units available on the market when combined with the various carriers such as installation machines VM, hydraulic excavators and wheel loaders.

Type HVZ-UNI-II and HVZ-UNI-II-EK Standard Specifications:

- Universally adjustable main gripping width beared on a maintenance-free steel-polyamide guideway.
- Adjustable side gripper for the exact shaping of the installation pattern (shaping device).
- Height adjustable stops for adjusting the gripping depth for different thickness of blocks.
- Hydraulic pressure regulating valve to protect the parts from too much strain.
- Oil pressure gauge.
- Independent steel grippers – ensuring a firm grip on single blocks when carrying large sets of blocks. The steel gripper length of 50 mm is variable up to about 1,350 mm.
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HVZ-UNI-II for VM-301/203/204



top: without ADV, bottom: with ADV

Hydraulic Installation Clamp HVZ-UNI-II

The new HVZ-UNI-II is more universal in use, more robust in design and more easy to adjust this device incorporates the experience of 2 decades in mechanical installation.

It can be used in conjunction with the laying machine VM-301/401/203/204 as well as other carriers which provide two hydraulic circuits to operate the clamp. The main and side clamps are controlled directly from the carrier.

- Setting off the main and side clamping width made simple and easy without tools by using scale pointers.
- The side clamping arms swing up completely in order to allow laying close to a wall sideways without any gap.
- The powerful side clamp achieves easy shifting of undentated pavers into the running bond.
- Gripping depths and height of the support wheels can be adjusted without tools easy and quickly.
- Pushing-off technology ADV guarantees installation complying with the regulations: During the laying process the individual pavers creep apart by approx. 0.5 – 1 mm (in addition to the spacer bars). This joint distance must not be eliminated by hammering!
- Because the pavers can not rock during the laying process, time consuming readjustment is avoided.
- Pushing off device ADV as a standard feature integrated.
- 2 C-Profiles 860 mm long and 10 Positioning Adapters to shift pavers by 100 mm.
- Low deadweight.
- Main gripping width can be set much more easily via a spindle with integrated spring assembly instead of the previous chain centring method.
- Significantly increased displacement force for problem-free movement into the running bond (3 x greater than with the HVZ-UNI).
- New suspension – enabling the clamp to hang with less movement.
- Durable surface protection by galvanizing.

Type	Dead Weight kg (lbs)	Height Stone/Element mm (in)	Hydraulic Connection Volumetric Flow l/min (gpm)	Hydraulic Connection Pressure bar (psi)	Hydraulic Connection Backflow Pressure, max bar (psi)	Opening Width Main Gripper mm (in)	Opening Width Side Gripper mm (in)	Working Load Limit/WLL kg (lbs)	Order-Number
HVZ-UNI-II for VM-301/203/204	225 (495)	50 – 160 (2 – 6¼)	15 – 75 (4 – 20)	200 – 320 (2,901 – 4,641)	20 (290)	580 – 1,260 (22¾ – 49½)	960 – 1,440 (37¾ – 56¾)	400 (880)	51400036
HVZ-UNI-II for VM-401	226.5 (500)	50 – 160 (2 – 6¼)	15 – 75 (4 – 20)	200 – 320 (2,901 – 4,641)	20 (290)	580 – 1,260 (22¾ – 49½)	960 – 1,440 (37¾ – 56¾)	400 (880)	51400037

Accessories

Type	Description	Dead Weight kg (lbs)	Order-Number
HVZ-UNI-II-PEA	Set of PE supports for height adjustment	10.5 (25)	41400986
Maintenance Contract	Basis-Service -further services available on request		90010050

Mechanical installation allows for a multitude of design possibilities

It depends on the right installation clamp. This paver formation is suitable for all mechanical installation with all clamps by Probst.

We have also the right solution for specialised types of stones and installations samples – talk to us!

The stone formations 16 – 20 are suitable for mechanical installation by the special adapter. The stone formations 21 – 25 are suitable for mechanical installation by special adapter. For other stone formations (not shown), please send in a mould layout.

