

**German Patent**

## Hydraulic Installation Clamp HVZ-ECO – especially suitable for attaching to mini excavators

HVZ-ECO – especially designed for mechanical paver installation with smaller mini excavators.

Multifunctional with high performance and cleverly thought out hydraulic control: only one hydraulic circuits is required to run all motion sequences including the automatic shifting of rectangular pavers into the running bond.

Fitted onto a paving installation machine, the automatic programme sequence allows even inexperienced drivers to achieve good laying performance very quickly. The single-circuit control is started/stopped simply using the intersection control lever or electric joystick on the paving installation machine.

- Equipment for shifting H-stones on request
- Equipped like the HVZ-GENIUS-II as standard
- Due to high-tensile material and innovative design the dead weight of the HVZ-ECO clamp is reduced to approx. 227 kg
- The slim construction offers a good overall view
- Better pick up and installation due to the adjustment possibilities at the attachment



HVZ-ECO

Type	Main Gripping Width W in (mm)	For paver thickness* in (mm)	Side Gripping Width L in (mm)	Working Load Limit WLL lbs (kg)	Dead Weight lbs (kg)**	Order-Number
<b>HVZ-ECO®</b>	22¾ - 49¾" (580 - 1,260)	2 - 6¾" (50 - 160)	37¾ - 57" (960 - 1,440)	880 (400)	approx. 500 (227)	<b>51400034</b>

\* Dependent upon the condition of the spacers and the quality of the stones.

\*\* without hydraulic rotator, C-Profiles and suspension.

### Requirements for hydraulic operation:

(Operating hydraulics of the carrier)

#### HVZ-ECO

- Volumetric flow (l/min), usable min. 25, optimal 35 – 40, max. 80
- Working pressure (bar), usable min. 180, optimal 200, max. 320
- Backflow pressure: max. 10 bar

#### Minimum excavator operating weight

- from approx. 2,5 – 2,8t

(Operating weight may vary depending on excavator type and form. No binding specifications: must be co-ordinated in the individual case)

### Accessories:

Type	Description	Dead Weight lbs (kg)	Order-Number
<b>HVZ-ABA</b>	Support for excavator adapter	10 (5.3)	<b>41401008</b>
<b>HVZ-ECO-PEA</b>	Set of PE supports for height adjustment	2 (0.8)	<b>41401058</b>



Installation clamp in combination with Mini-excavator

🔧 Durable surface protection by galvanizing