



HVZ-GENIUS-II

Hydraulic Installation Clamp HVZ-GENIUS-II

The highly efficient excavator attachment grab now with significantly increased shifting force.

With only one single hydraulic circuit required and the fully automatic selectable motion sequences the HVZ-GENIUS-II is a powerful all-rounder without being dependent on electric current.

Equipment for shifting other stone formats e.g. such as H-stones on request.

No cost-intensive filter maintenance.

Specific, automatic pushing-off device ADV.

Complete with continuous hydraulic rotator, hoses and suspension for excavator, and now also includes a bracket for quick-release adapters.

Safe gripping function depending on the condition of the spacers and the quality of the stones. Weight without hydraulic rotator, C-Profiles and suspension.

- An inspection glass provides a better view of the drum control's direction of rotation.
- Larger safety handles with a new design.
- Now with a scale for even easier adjustment of the main gripping width.
- Allows automatic shifting of rectangular pavers into running bond.
- Flush laying without any gap along walls and kerbs.
- Overlaying handles are quickly removable. No retrofitting of the excavator.
- The HVZ-GENIUS-II can be fit to all types of excavators. Thus no additional investment in case the clamp is to be attached to different types of excavators.
- Gripping range can be easily adjusted without additional tools.
- The supporting wheels can be adjusted easy and quickly through a crank handle.
- Grab swing brake between hydraulic rotator and excavator suspension.
- First-class, electrogalvanised material components guarantee optimum operating safety and long life cycle.
- Minimum operating weight of excavator from approx. 3.5 t.

Scope of delivery:

HVZ-GENIUS-II: Including rotator. With a tool holder for tubular and Allen keys 2 C-Profiles 760 mm/30 inch long and 10 Positioning Adapters to shift pavers by 100 mm/4 inch.

Type	Length of Gripper mm (in)	Dead Weight kg (lbs)	Gripping Range mm (in)	Hydraulic Connection Pressure bar (psi)	Hydr. Volumetric Flow l/min (gpm)	Hydr. Backflow Pressure, max. bar (psi)	Opening Width Side Gripper mm (in)	Opening Width Main Gripper mm (in)	Working Load Limit/ WLL kg (lbs)	Order-Number
HVZ-GENIUS-II	1,000 / 1,200 (39.37 / 47.24)	339 (747)	600 – 1,400 (23.62 – 55.12)	180 – 320 (2,611 – 4,641)	25 – 80 (6.61 – 21.14)	10 (145.04)	960 – 1,440 (37.80 – 56.69)	580 – 1,470 (22.83 – 57.87)	400 (882)	51400042

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