



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.
- Durable surface protection by galvanizing.

Scope of delivery:

HVZ-GENIUS-II: Including rotator. With a tool holder for tubular and Allen keys 2 C-Profiles 860 mm/34 inch long and 10 Positioning Adapters to shift pavers by 100 mm/4 inch.

| Type | Dead Weight kg (lbs) | Weight Operating Weight-min, Excavator kg (lbs) | Height Stone/ Element mm (in) | Hydraulic Connection Pressure bar (psi) | Hydraulic Connection Volumetric Flow l/min (gpm) | 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-GENIUS-II | 339 (750) | 3,500 (7,700) | 50 – 160 (2 – 6¼) | 180 – 320 (2,611 – 4,641) | 25 – 80 (7 – 21) | 10 (145) | 580 – 1,470 (22¾ – 57¾) | 960 – 1,440 (37¾ – 56¾) | 400 (880) | 51400042 |