



Hydraulic Installation Clamp HVZ GENIUS for universal use with excavators

The highly efficient excavator attachment grab powerful and ingenious.

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

- ▷ Ingeniously simple to use.
- ▷ The excavator operator can pave alone!
- ▷ High laying performance for maximum demands.
- ▷ Enormous rationalisation benefit.
- ▷ Shifting the pavers into running bond is effected automatically and quickly. Thus no additional work is to be done for the excavator operator.
- ▷ No cost-intensive filter maintenance.
- ▷ Flush laying without any gab along walls and kerbs.
- ▷ Overlaying handles are quickly removable.
- ▷ No retrofitting of the excavator.

The HVZ Genius 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 from 580 to 1,470 mm in a few steps and 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.

Standard Equipment:

- ▷ Specific, automatic pushing-off device ADV.
- ▷ Hydraulic rotator, freewheeling with 360° continuous rotation (a second hydraulic circuit has to be supplied by the excavator).
- ▷ Universal excavator suspension
- ▷ Hydraulic connection hoses and couplings.

Hydraulic Installation Clamp HVZ GENIUS basic

The high-performance attachment for mini excavators - ingenious, powerful and lightweight.

HVZ GENIUS basic - 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 paver shifting into the running bond.

- ▷ Due to high-tensile material and innovative design the dead weight of the HVZ GENIUS basic clamp is reduced to approx. 240 kg.
- ▷ For standard equipment see HVZ GENIUS.

Type	Main Gripping Width W mm (in)	For paver thickness mm (in)	Side Gripping Width L mm (in)	Carrying Capacity kg (lbs)	Dead Weight approx. kg (lbs)	Order-Number
HVZ GENIUS ①	580 – 1,470 (22 ³ / ₄ – 58")	60 – 200 (2 ¹ / ₄ – 7 ³ / ₄ ")	900 – 1,400 (35 ¹ / ₂ – 55")	400 (880)	290 (750)	5140.0026
HVZ GENIUS basic ①	580 – 1,260 (22 ³ / ₄ – 50")	60 – 200 (2 ¹ / ₄ – 7 ³ / ₄ ")	960 – 1,440 (37 ³ / ₄ – 57")	400 (880)	240 (529)	5140.0027

Accessories

Adapter suspension for "Lehnhoff" quick-change-device LSW

By using the SW, the HVZ GENIUS can be fitted to all kind of excavators which are

equipped with the Lehnhoff quick-change-device.

Type	Size	Carrying Capacity kg (lbs)	Dead Weight kg (lbs)	Order-Number
LSW 01	Suitable for Lehnhoff-Type MS 01	800 (1,760)	19 (40)	4011.0178
LSW 03	Suitable for Lehnhoff-Type MS 03	1,000 (2,200)	29 (64)	4011.0268 +4011.0278
LSW 08	Suitable for Lehnhoff-Type MS/HM 08	1,000 (2,200)	75 (165)	4011.0269 +4011.0278

① Durable surface protection by galvanizing