



Paver Laying Clamps



Pflastergreif P01-3

P01-3

For unique laying performance

THE LIGHT WEIGHT

The P01-3 makes the small mini excavator **even more powerful**.

It also shifts **difficult stones** with large spacers into the offset, is **quick and easy** to adjust, **simple** to operate and more robustly built than its predecessor.

With the **2nd control program**, the P01-3 simplifies a wide range of situations on laying sites.



On small mini excavators
cost-effective machine
paver laying



On small loaders
versatile alternative to
conventional laying machines

■ Dead weight:	175 - 209 kg, depending on version
■ Load capacity:	400 kg
■ Stone thickness:	4 - 16 cm
■ Main clamping setting:	60 - 100 cm
■ Side clamp setting:	90 - 140 cm
■ Carrier machines:	Excavators above 1.7 t, paver laying machines, loaders, loader cranes

Pflastergreif P12-3

P12-3

For maximum profitability on mini excavators above 2.5 t

THE UNIVERSAL

The Pflastergreif P12-3 is our **best-selling** model. It offers valuable, significant advantages over the P01-3: Stones can be placed directly **next to a wall**. The **GKM system** generates even more shifting force. It shifts slabs or stones up to 30 cm into the offset (up to 15 cm with P01-3), e.g. 6 paving stones **format 60/30 halfway**.

The **2nd control program** ensures greater flexibility for the ever-increasing variety of laying patterns.



Large sized stones
e.g. shift halfway and install
3 rows of 2 stones 60/30



On paving laying machines
efficient on all brands and
models



■ Dead weight:	220 – 245 kg, depending on version
■ Load capacity:	400 kg
■ Stone thickness:	4 - 16 cm
■ Main clamping setting:	60 - 100 cm
■ Side clamp setting:	100 - 150 cm
■ Carrier machines:	Excavators above 2.5 t, paver laying machines, loaders, loader cranes

Pflastergreif P02-3

P02-3

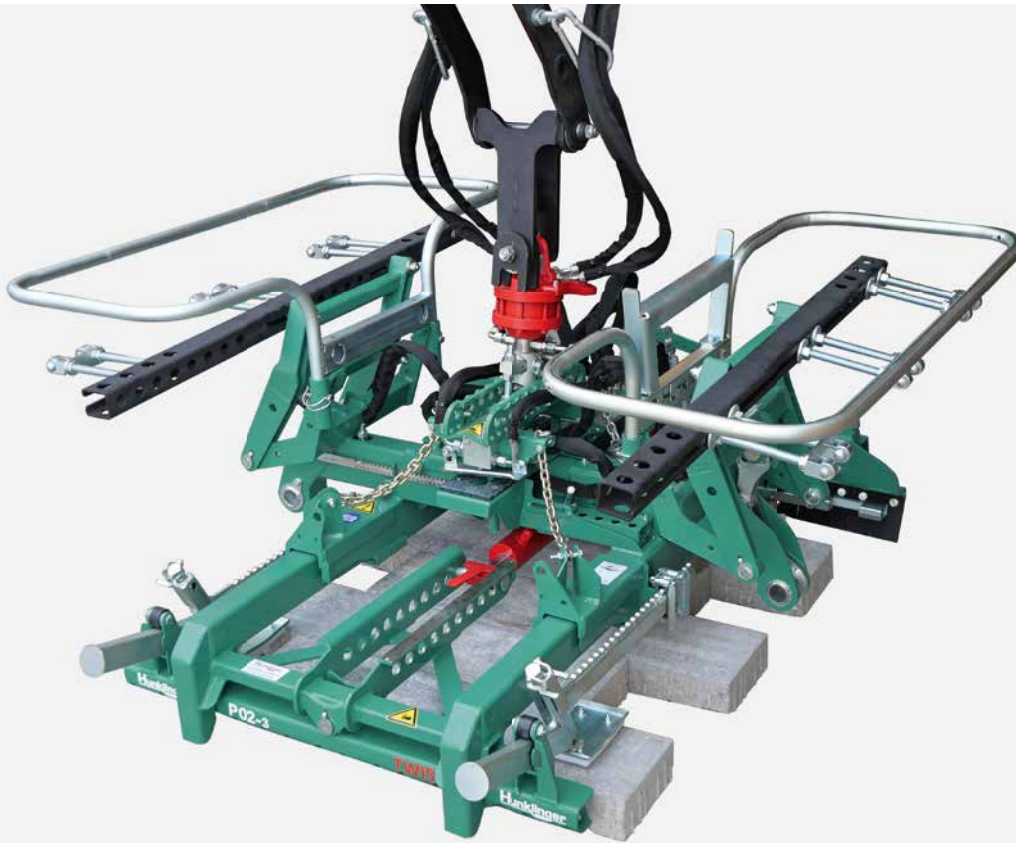
For maximum versatility on larger mini excavators

THE BIG ONE

The P02-3 paver laying clamp enables laying **on very steep slopes** and offers the option to lay **extra-wide stone layers** up to 132 cm.

Due to its robust base frame design, it is the better choice for excavators from approx. 8 t. Otherwise It has the same technical options as the similar P12-3 (**laying next to a wall, GKM system, 30 cm offset**).

The **2nd control program** also gives the P02-3 a further special increase in performance.



For steep embankments the model P02-3 is predestined for steep slopes



For larger excavators the Pflastergreif P02-3 is the right device

■ Dead weight:	260
■ Load capacity:	400 kg
■ Stone thickness:	4 - 16 cm
■ Main clamping setting:	60 - 132 cm
■ Side clamp setting:	100 - 150 cm
■ Carrier machines:	Excavators above 4 t

Pflastergreif HP30

HP30

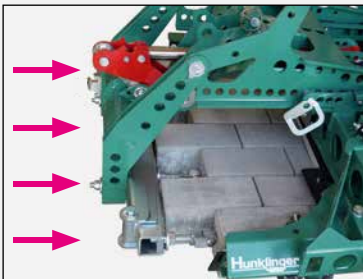
Maximum shifting power for difficult stones

THE POWERFUL

The HP30 has the greatest potential of all Pflastergreif models when it comes to shifting **difficult shear resisting stones**. For this purpose it is equipped with particularly **stable shifting arms**!

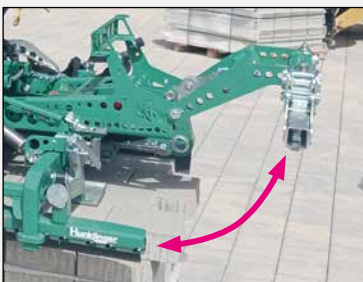
A new stone push-off system, higher oil flow and the adjustment options on the side arms significantly optimise the gripping cycle. All the advantages of the P12-3 also apply.

With the **2nd control program**, the HP30 considerably increases its efficiency even further.



Shifting force

Highest shifting force of all Pflastergreif models



Set side arms to halfway

Shorter gripping cycle path reduces the cycle time



■ Dead weight:	258 kg
■ Load capacity:	400 kg
■ Stone thickness:	4 - 16 cm
■ Main clamping setting:	60 - 100 cm
■ Side clamp setting:	100 - 150 cm
■ Carrier machines:	Excavators above 3 t (paver laying machines, loaders)

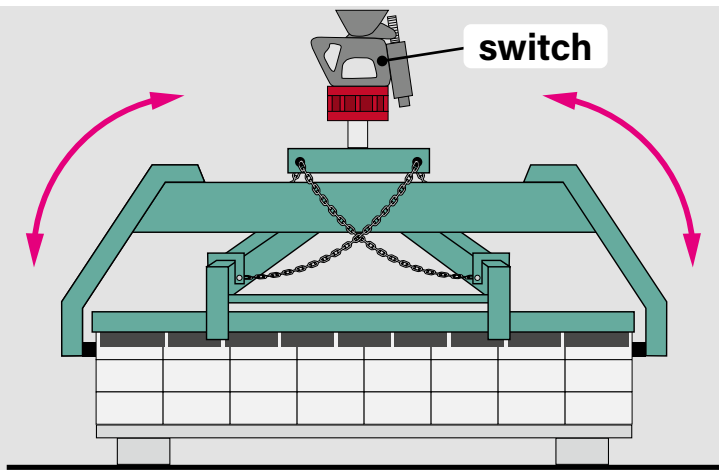
switch

The intelligent switchover-automatic

AUTOMATIC SWITCHOVER

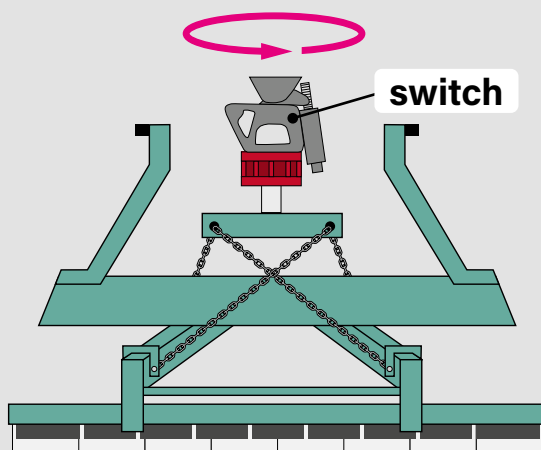
The new switch control from Hunklinger **automatically switches between two functions.**

This can be used both in conjunction with the Hunklinger automatic control and with separate control of the main and side arms for additional rotation.



Laying clamp on package or ground:

switch control automatically switches to the gripping function.



Laying clamp hangs on carrier machine:

switch control automatically switches to the rotate function.

Carrier machines with 2 hydraulic circuits (usually excavators) can use the switch system to control the three functions gripping, aligning and rotation separately.

Carrier machines with only 1 hydraulic circuit (usually loaders) can control gripping/aligning (automatic) and rotation with switch control.

Paver Laying Grab S400PV

S400PV

The affordable entry into machine laying

THE VERSATILE

The S400PV is a Hunklinger S400 Multi-Stone Grab equipped with a Paving Jaw. It is ideal for **cost-effective machine laying** of simple concrete paving stones.

The step into mechanical paver laying

Use the Paver Laying Grab S400PV to install pavement more profitable on smallest areas.

Install the pavement layer by layer as you would do it with a laying machine.

The integrated push-off system ADE ensures a good laying pattern.

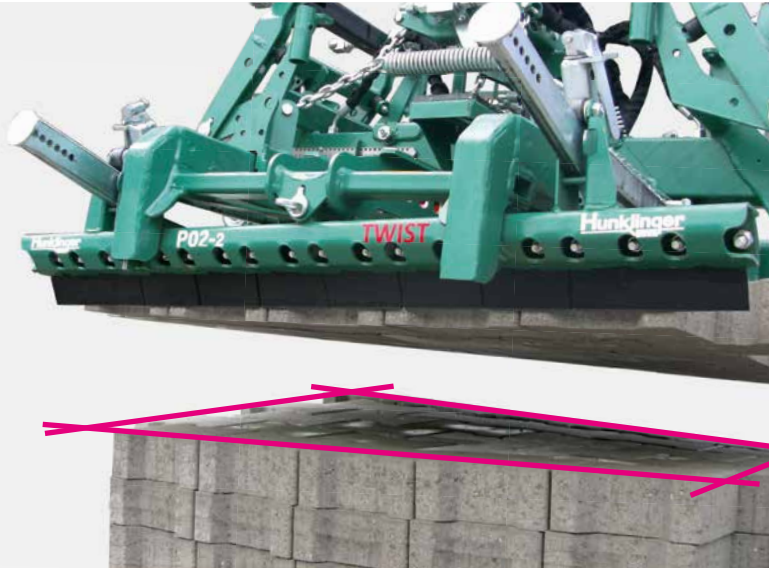


Extremely versatile and productive through a wide range of additional gripping jaws



System solutions

twist-system



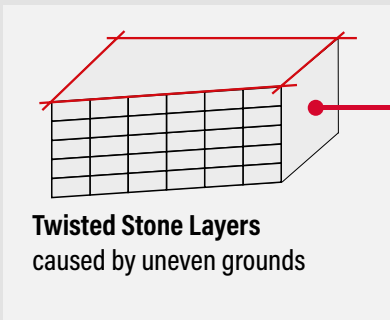
patented

Maximum gripping safety

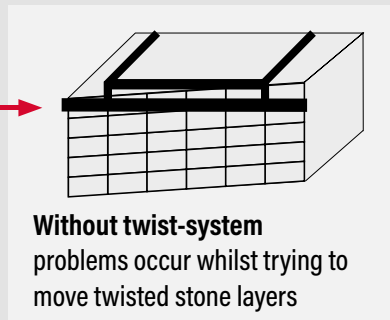
The twist clamping system adapts to distorted stone layers.

As a result, the Hunklinger laying clamp grabs the stone layer equally precise on each side, even if they are twisted.

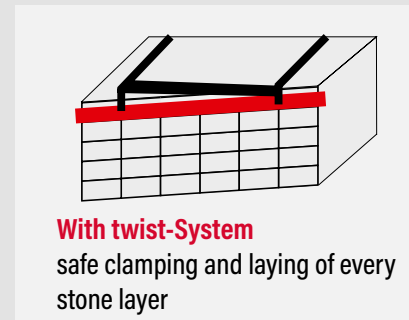
Maximum gripping safety and better laying performance are guaranteed.



Twisted Stone Layers
caused by uneven grounds

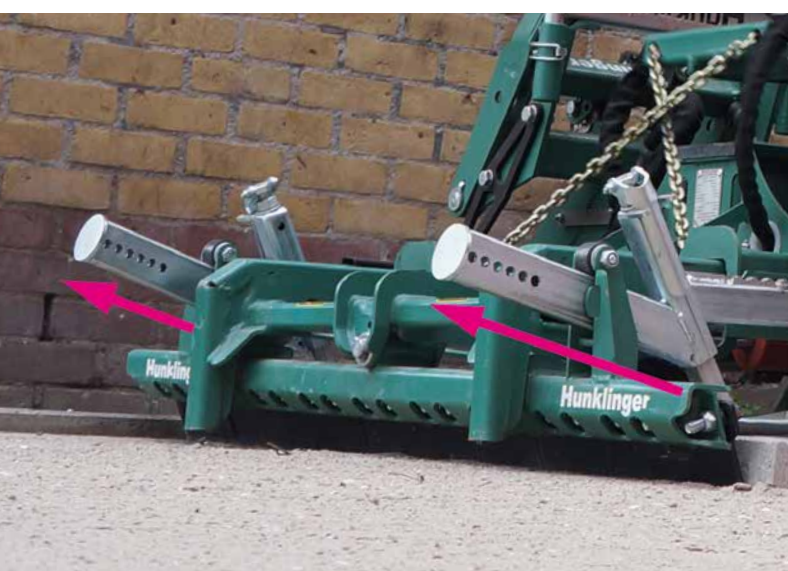


Without twist-system
problems occur whilst trying to
move twisted stone layers



With twist-System
safe clamping and laying of every
stone layer

Perfect bedding at all times



Clamp arm opens upwards

Often, the side spacers of paving stones are rather low. This requires to grab such stones very low.

To ensure that the bedding remains in good shape, the clamp arm of all twist-clamps opens upwards when the stones are placed.

Adapters & Accessories

Shifting Adapter-Plus

Shifting challenging stones

patented

More and more concrete paving stones have large spacers which makes shifting more difficult.

The patented Shifting Adapter-Plus solves the problem by moving the rows separately and thereby concentrating its moving force. Upgrade the Shifting Adapter-Plus with every current model.



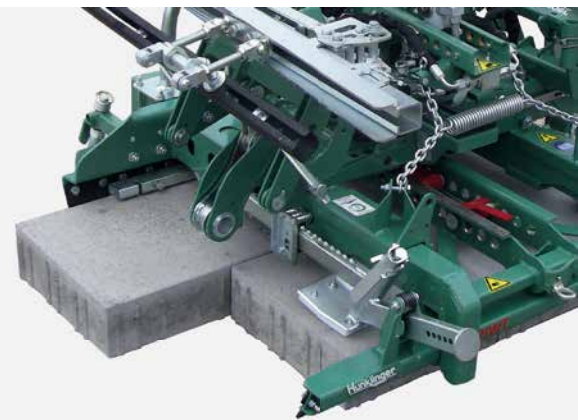
Slab Shifting Adapter

Create offsets up to 30 cm

The standard Hunklinger Pflastergreif shifts stones up to 20 cm.

In combination with the Slab Shifting Adapter the models P12-3, P02-3, and HP30 manage an offset up to 30 cm.

These Hunklinger laying clamps efficiently shift big slabs of 60x30 cm or 60x40 cm into the running bond.



Herringbone Adapter

For half stone gaps on the short side

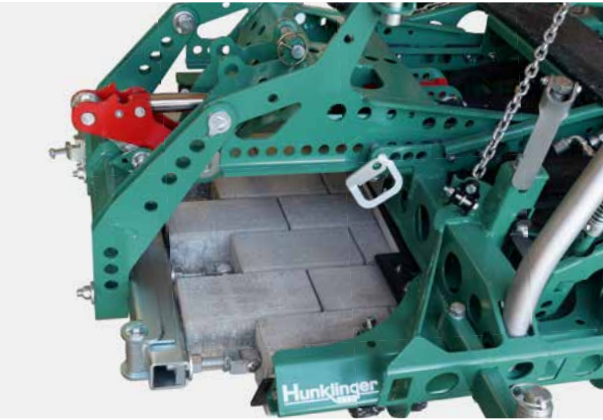
patented

If the half stones are missing on the short side of a herringbone 90°-laying unit, the fully hydraulic Hunklinger herringbone adapter holds the loose stones in place and enables safe gripping.



Performance features

Stone shifting power



Shift stones even more powerfully

More and more standard pavers have interlocking spacers.

In particular, the new HP30 as well as the new -3 series of the proven models P01, P12 and P02 shift stones now with up to 30% more power.

Stability



Shifting unit reinforced significantly

Many of the insights gained in recent years have been incorporated into the development of the HP30 model.

The HP30 shines now with an even more stable parallel guide of the shifting unit.

The shifting units of P01-3, P12-3 and P02-3 also have been adapted to the higher forces and bigger loads.

Second control program



Switch off side arms

The efficient laying clamp for excavators classically works with automatic sequence of main and side clamping.

On all new devices, the operator can switch off the side arms independently at any time.

This function proves very useful when e.g. moving high quality stones and laying certain patterns.

Performance features

Kerb stone feet

Attaching to the kerb stone

While paving a parking lot, the laying clamp often has to start at a kerb stone which is only 10 cm wide as a laying edge.

All new Hunklinger clamps are therefore per standard equipped with two kerb stone feet.

For older models, the kerb stone feet can of course be retrofitted!



New contact feet

Gripping stones easier and faster

Several different factors decide your laying performance. The decisive factor among other things is, how quickly the laying clamp can be placed on the paving package and how quickly the new laying unit can be gripped.

Due to the special design in form of a kind of ramp, the new contact feet simplify this process significantly.

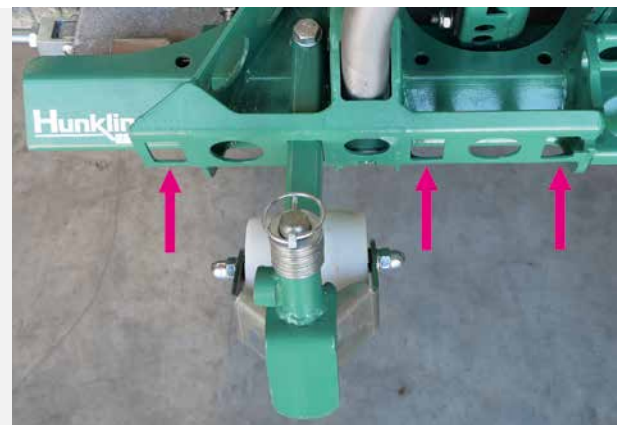


Four positions for guiding wheels

Set individually

The guiding wheels of a paver laying clamp are usually mounted in fixed positions.

On our new model HP30 the guiding wheels can be mounted in four different positions per side, if required.



Hunklinger is known for hydraulic paver laying clamps and grabs.
Beginning with the idea to the original, you get everything in a one-stop service.
Our production in Bavaria/Germany stands for worldwide success.
Thousands of satisfied Laying Clamp customers reinforce us.

- **Top laying quality**
- **Easy handling**
- **twist-clamping reliability**
- **For all kinds of paving stones**
- **Shifting of challenging stones**
- **For mini-excavators, laying machines & loaders**

Hunklinger allortech GmbH
Martinshof 6
83626 Valley
Deutschland

Phone: +49 8024 47508-0
Fax: +49 8024 47508-19
info@hunklinger-allortech.com
www.hunklinger-allortech.com

Hunklinger-Partner:

