

Task:

Road construction requires sometimes installation of gutters along kerbs. Often times large paving blocks are installed in lean concrete to form this gutter. To do this, the lean concrete has to be screeded to a certain level, taking the top of the kerb stones as reference. The width of the screeded lean concrete depends on the width of the gutter.

It is very time-consuming to do this screeding work to the correct level.

Solution:



The Gutter Fix can be set heightwise and widthwise to the required dimensions.



The device is pushed by the operator. Large rollers rolling on top and on the rear side of the kerb take off the reference height and transfer it to the plowshare.



If lots of lean concrete has to be screeded an integrated hooking point for a standard shovel is provided, so a second worker can assist in pulling the device.

Type	Working width maximum mm (in)	Dead weight kg (lbs)	suitable for kerb thickness mm (in)	ground level from top of kerb mm (in)	Order-No.
RF-H	400 (16)	14 (30)	100 - 200 (4 – 8)	140 - 370 (6 – 15)	5100.0053

Advantages:

The screeding without professional equipment is very time consuming, painful and often times not accurate. Sometimes people on site manufacture very rough templates out of timber to achieve the correct ground level. The timber of course wears out very fast on the rough surface of the kerbs. The RF-H can be pushed along the kerbs by one operator, if required, a second operator can assist in pulling, the working height and the working width can be adjusted stepless, it can be used in both directions. The plowshare forms a fall of 2 % towards the kerb. The adjustment of the ground level and the width of the kerb is done simple and quick by using clamp bolts. The device is equipped with large rollers which are touching the top surface and the rear surface of the kerb. It can be easily pushed along the kerbs by the operator which walks behind the kerb in order to not compact the lean concrete with his footsteps. Some granit kerbs differ slightly in thickness. Therefore the equipment is additionally equipped in a standard version with a spring loaded roller to overcome slight thickness tolerances. Otherwise the RF-H would get stuck where the kerbs are a little bit thicker.

The device is completely galvanized, the plowshare is made of extremely high wear-resistant stainless steel.

The device weighs only 14 kg (30 lbs), but is extremely strong at the same time.

PRODUCT INFORMATION

Pin Extractor ENZ



Task:

In road construction and paving, string line pins are used to mark heights for levelling the ground or for installation of kerbing and paving materials. The pins are driven into the ground by a sledge hammer. Especially during kerb installation, these pins are sometimes buried in lean concrete which cures out before the pins can be removed.

In this case it can be extremely hard to pull out the pins again. Until now, pins are extracted manually with a high risk of injury, sometimes using gas pipe pliers and a hammer or similar. In many cases the pins are bent, so a lot of time has to be spent to straighten them out again for re-use.

Solution:



Pin Extractor ENZ is simply put over the top end of the pin.



When lifted up, the V-shaped clamping system locks to the pin. Now pulling and turning movements to loosen the pin, can be executed without any real physical effort.



The tool also works when the pin is only sticking out a few centimetres of the ground.

Type	Suitable for Diameter mm (inch)	Dead Weight kg (lbs)	Order-No.
ENZ	10 – 30 (1/4– 1 1/4)	0,8 (2)	5180.0037

Advantages:

The pulling process with pliers and hammer or with excavator and slings, sometimes requires two people, this is generally time consuming and often ends in an accident. It is very important that the ENZ not only allows pulling action, but also allows turning movements at a same time in order to loosen and extract the pin step by step.

To achieve this, the tool is equipped with very hard teeth to transfer the pulling and the turning actions to the pin. The ENZ really bites into the steel pin. Without tool solid stuck pins can only be extracted by bending them being able to execute turning actions by means of leverage effect.

Simply the straightening of 50 bent pins costs more than the Pin Extractor ENZ itself !