



**GRAB FOR PREFABRICATED
CONCRETE ELEMENTS FTZ**

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This powerful grab grips concrete elements – small or large – up to 4.000 kg

Versatile grab to grip and install prefabricated concrete products, prefabricated concrete wall units, steps, kerb stones or similar elements.

▶ **Easy, efficient handling**

With automatic release for fully automatic switch-over from "full" to "empty".

▶ **Quickly equipped**

with its lifting eye the mechanical grab FTZ can be attached to a crane hook of a wheel loader, excavator or crane.

▶ **Play it safe**

Due to experienced technology, i.e. rubber metal bars as gripping elements. High contact pressure with an optimum protection of the construction elements at the same time.

▶ **First-class material**

Thus light dead weight of components.

▶ **Heavy loads ... no problem!**

Carrying capacity of FTZ is up to 4.000 kg!



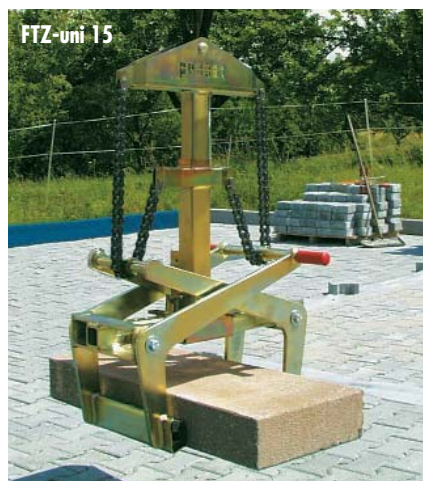
▶ **Efficient · versatile applicable · large inside height**

The required opening range can be adjusted through two spring loaded bolts in no time. With a gripping range of 200 – 1.200 mm the FTZ-maxi 15/42 is optimal designed for handling of large size elements. Inside height: 255 mm · Gripper length: 420 mm



"The best technology for safe gripping"

Triple Benefit



► **Reduction of expenses through quick and easy handling**

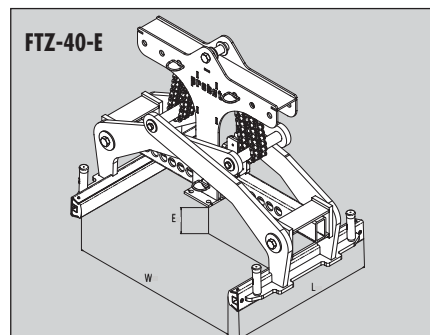
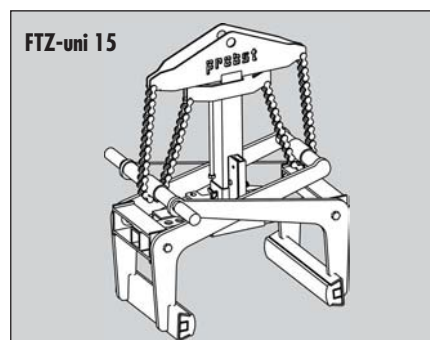
Heavy concrete elements can efficiently be picked-up, transported and accurately installed in one working operation.

► **Increase in Capacity**

Efficient technique of FTZ grab realizes a noticeable saving of time.

► **Designed to protect health**

§ FTZ grab fulfils the standards regulated by law and conforms to health and safety legislation as per EC (EG) directive 90/269 EWG.



Our range of products is as versatile as your tasks

Technical Data						
Type	Gripping Range* W mm (in)	Inside Height E mm (in)	Gripper Length L mm (in)	Carrying Capacity kg (lbs)	Dead Weight kg (lbs)	Order-Number
FTZ-I	50 - 520 (2 - 20 1/2")	170 (6 3/4")	420 (16 1/2")	900 (2,000)	55 (120)	5310.0120
FTZ-uni 15	0 - 750 (0 - 29 1/2")	255 (10")	420 (16 1/2")	1,500 (3,300)	85 (185)	5310.0256
FTZ-maxi 15/42	200 - 1,200 (7 3/4 - 47")	255 (10")	420 (16 1/2")	1,500 (3,300)	105 (230)	5310.0300
FTZ-40-E	50 - 800 (2 - 31 1/2")	185 (7 1/4")	720 (28 3/4")	4,000 (8,800)	220 (480)	5310.0268
FTZ-40	600 - 1,100 (23 1/2 - 43")	180 (7")	1,000 (39")	4,000 (8,800)	240 (530)	5310.0228

* Possible measurement between the grippers. The size of the products to be lifted must be approx. ± 30 mm within the given range.

Accessories	
Adapter for Kassel Kerb Stone A-FTZ-KB for FTZ-uni 15 to extend gripping depth on one side to 290 mm (2 Adapters necessary if gripping depth should be extended on both sides).	4310.0575
Adjustable Height Stop HVA-FTZ-uni/maxi for FTZ-uni 15/maxi 15/42 adjustable range approx. 140 - 255 mm	4310.0483
Adjustable Height Stop HVA-KB-FTZ-uni/maxi for FTZ-uni 15/maxi 15/42 specially designed for Kassel Kerb Stones	4310.0576
Adjustable Height Stop HVA-FTZ-40-E for FTZ-40-E adjustable range approx. 100 - 170 mm	4310.0568

Well thought-out in detail

With the functional add-ons FTZ grab can be customized adjusted for handling of specific concrete elements.

Additional information and leaflets are available from your construction equipment dealer or directly from Probst.

For manual applications:

PVZ Post Column Grippers

Ideally designed for carrying and positioning smaller concrete and wooden posts with a diameter of 180 – 200 mm (PVZ-V is also suitable for rectangular posts).

- ▶ Carrying Capacity: 150 kg
- ▶ Length-independent clamping.

For machine-assisted applications:

MPVZ-V Column Grippers

Attaches to any hoist. Especially suitable for lifting heavy concrete columns from a horizontal to a vertical position. Ideal for transport and repositioning.

- ▶ Carrying Capacity: up to 300 kg

“Duplo” U-Stone Grippers

Suitable for efficient lifting and positioning of U-stones and border stones.

- ▶ Carrying Capacity: 100 kg
- ▶ Opening Width: W1: 150 mm max.
W2: 240 – 405 mm

Depending on terrain characteristics, the “Duplo” is suitable for gripping in two directions.



PVZ

The gripper is designed so that the posts can be set close to each other.



MPVZ-V

Universally suitable for rectangular and round posts.



Duplo

The effort required to maintain garden and landscape is vastly varied and often involves severe physical strain. What's more, the utilization of mechanical aids is hampered by working on hillsides, confined construction sites and difficult terrain. Probst provides a broad range of products specially designed for efficient transport and placement of a large variety of designed elements for multiple applications.

SPECIAL GRIPPERS FOR CIVIL ENGINEERING ELEMENTS

To remain competitive, any working procedure that can be performed more efficiently and with greater consideration for the health of the worker represents a step in the right direction. There is an immense rationalization potential especially with regard to landscaping and design work, which is often difficult and complex. Studies show that considerable profits disappear especially in this field of endeavour. Probst assists you with practical implements that provide you with multiple savings benefits.

The sophisticated gripping technology serves to facilitate your tasks to a significant degree. At the same time, rapid and more efficient handling translates into saving precious time while contributing to the preservation of the health of your personnel. The unique combination of minimum downtime and maximum capacity result in the highest quality of your finished work. The Probst difference – adding to your success.



WEZ

WEZ Grippers for Angular Concrete Elements

Ideal for machine-assisted placement of L-stones and similar components. To facilitate vertical suspension and exact placement of elements, the WEZ features a unique adjustable centre-of-gravity compensation.

- ▶ Carrying Capacity: max. 2,000 kg.



“Powerful grippers by Probst – tested a thousand times over.”



TSV Concrete Stair Grippers

This robust universal gripper has been designed for manual and mechanical use. It grips efficiently and moves stair steps, kerbstones, L-stones and other concrete components.

- ▶ Gripping Range: 50 – 540 mm
- ▶ Carrying Capacity: 250 kg



The carrying handles can be rotated by 90° depending on available work space.

- ▶ Automatic locking mechanism in open position.



H-FVZ uni Manual Boulder Grippers



For smaller boulders which can be carried by two men. The opening width can be adjusted with a spring latch up to 500 mm. Most stones can be lifted, whatever their shape, and positioned to the exact millimetre. Also suitable for lifting cut stone.



For heavy boulders, the FVZ-uni with a carrying capacity of 1,500 kg is the ideal choice.



FSZ Florstoneclamp

Ideal for moving Florwallstones and other slope reinforcing elements which can be lifted by hand.

- ▶ Large adjustable gripping range for ease handling.
- ▶ For all available types of sloping stones.

SH Vacuum Lifting Device

The SH can be attached to any hoist. Without expending physical effort, the vacuum pad attaches for transporting, positioning and placing stair steps, natural stones, marbles, non-porous concrete slabs, pipes and gutters weighing up to 2,500 kg.



Only the surface is contacted by the vacuum pad. No more clamping on side surfaces, and no more gripping underneath!

You can obtain further information and leaflets from your local Probst dealer or directly from us.

BVZ Universal Grippers

Due to its large opening width (up to 550 mm), the BVZ is suitable for a wide range of applications.



Ideal for placing all types of concrete design elements used in garden and landscaping architecture, such as stair steps and kerbstones, etc.

- ▶ NO RISK of HAND INJURY!



TSZ-uni Concrete Step Grippers

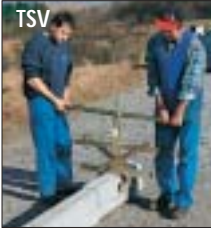
Ideal for gripping and moving stair steps, kerbstones, edge stones, L-stones and similar with a hoist. The opening width is easily adjusted by means of a spring-latch.

- ▶ Carrying Capacity: up to 500 kg
- ▶ Opening Width: 0 - 570 mm

Versatile use for kerb stones and other elements:

Concrete Step Handles TSV

This robust universal clamp was developed for manual use as well as with a hoist. Kerb stones, slaps, corner stones, L-stones and other concrete elements can be lifted and moved precisely and efficiently.



Kerb Stone Handles VZ

Specially designed for moving concrete kerb stones, gutters and large pavers.

(No deflection of the plumb line!)

► The angled gripper on one side of the VZ which is placed down onto the previously laid kerb stone, enables the kerb stones to be laid close to one another as possible.



Vacuum Lifting Device SH



The SH can be attached to any hoist. Heavy loads up to 3.000 kg can be effortlessly suctioned, transported and laid. Its range of uses is enormous.

Vacuum Kerb Stone Installation Machine Jumbo BV

The most modern machine for laying kerb stones, especially for road builders and multiple-layers.

The BV can be attached to all types of wheel loaders with fork carrier plates.



With no physical effort but with optimal logistics and ultimate efficiency, kerb stones up to 150 kg in weight can be laid with ease. The kerb stones are distributed and laid at once.

► Performance Output: 400 m per day with ease.

You can obtain further information and leaflets from your local Probst dealer or directly from us.

The law states:
Laying kerb stones must not be "back-breaking"!
Using these tools everything is guaranteed to be safe and easy.

Concrete Step Handles TSZ-uni

Specially designed for lifting and moving steps, kerb stones, border stones, L-stones and such like with a hoist. The opening width is easily adjusted by means of a spring locking bolt.

- Carrying Capacity: up to 500 kg
- Large opening width.



For use with any hoist: Kerb Stone Clamp VZ-M-uni

Fully mechanical and for use with any wheel-loader, excavator and any other hoist. Comes with handle for optimal guiding of the clamp.

- Opening Width 910 - 1.090 mm
- Carrying Capacity 250 kg

Universal Handles BVZ

The large adjustable opening width makes this the universal tool for all materials used in garden construction and landscaping.

Hydraulic Kerb Stone Laying Clamp VZ-HS

can be attached to any carrier with hydraulics as well as to the Paver Installation Machines VM 203/VM 204 »ROBOTEC«.

- ▶ Type VZ-HS 50 - 150
- Opening Width: 460 - 1.460 mm
- Carrying Capacity: 400 kg



With the BVZ kerb stones can be positioned to the exact millimetre.



Clever technology saves manpower and time.

For universal use: the mighty Grab for Prefabricated Concrete Products FTZ

The All-Round Grab FTZ is indispensable for heavy duty lifting. FTZ is specially designed for grab and move kerb stones (FTZ -I also for natural stone kerb stones), concrete products, prefabricated elements, steps etc.

- ▶ Exerts the highest pressure, making it suitable for goods with uneven surfaces.
- ▶ Load: 900 kg - 4.000 kg



Whether you want to move large or small, light or heavy kerb stones, Probst can offer a comprehensive range of manual, hydraulic and vacuum-driven grabs and lifting devices. Suited to the most varied materials and surfaces, these robust machines contribute to the quick and cost-saving laying of kerb stones.

EVERYTHING FOR THE EFFICIENT LAYING OF KERB STONES

Heavy-duty work, which requires a lot of manual labour from the operators, must only be carried out under health and safety regulations, in the optimum working position. Even the laying of small amounts of heavy kerb stones requires the availability of suitable lifting devices. Various building sites require various lifting equipment. Road builders, who often lay many metres or kilometres of kerb stones of the same material and size, need different equipment to gardeners or landscapers and there are often complicated structural tasks using varying types of edging stone. In these cases the correct equipment is decisive for commercial success.



The robust Kerb Stone Handles BZ

For the efficient laying of kerb stones, natural kerb stones, gutters, border slabs etc. The plumb line remains completely free through a short intervening.

Opening Width 0 - 430 mm, Height 200 mm

- ▶ Carrying Capacity: 150 kg



„Everything is so easy with our vacuum technology“





CONCRETE STEP HANDLES TSZ-uni

The strong grab for all heavy material used by road constructors and landscaping gardeners

Concrete steps, kerb stones, L-stones and many other heavy elements up to a weight of 500 kg used for road construction or landscaping can be handled easily, quickly and securely with the TSZ-uni.

The TSZ-uni is a mechanical universal grab, which offers an extraordinary high efficiency at a very low dead weight of only 29 kg.

▶ Automatic release for fully automatic switch-over from "full" to "empty".
One-man-operation !

▶ Wide opening range of the grippers up to 570 mm. Adjustable to all current construction elements.

▶ Easy adjustment handling by means of two spring-loaded bolts.



▶ Large inside height up to 185 mm. Also conical kerb stones are gripped securely.

▶ High security by exchangeable low-wear rubber grippers.

▶ These grant a strong gripping force and at the same time they take good care of the construction elements' surface.

▶ Low purchase costs !



"... now everybody is upbeat and positive"



With Probst devices you grip the "time-thieves" !

▶ In times of increasing competition, constantly rising labour costs, higher absence rates and the pressure to meet deadlines, forward thinking employers are now opting for long term measures to save on time, cost and energy.

PROBST GRIPPING ELEMENTS FOR EFFICIENT WORK

Only one hour saved per workday means 200 hours a year !

These are f i v e 40-hours-weeks !!!

The time is due for PROBST assistance to achieve RATIONALIZATION



TSZ-uni
Carrying capacity
500 kg

Concrete Step Handles TSZ-uni

In only one working process heavy concrete elements can be gripped, transported and set quickly and easily.

The TSZ-uni is constructed extremely strong. In addition a superior quality guarantees highest working security and a long lasting capacity and durability.

▶ Easy handling due to low dead weight (only 29 kg/64 lbs).

▶ Galvanized finish

Type	Opening** Width W W (mm) (in)	Inside Height E E (mm) (in)	Gripper Length L L (mm) (in)	Carrying Capacity Capacity (kg) (lbs)	Order-Number
TSZ-uni	50 – 570 (2 - 22 1/2")	185 (7")	350 (13 3/4")	500 (1,100)	5310.0251



FTZ-Types for colossus
up to **4000 kg!**

Grab for Prefabricated Concrete Products FTZ

Most suitable for handling of concrete elements, prefabricated concrete wall units, steps, kerb stones and other construction material.

FTZ-I is predestined for the handling of natural kerb stones, FTZ-uni 15 for Kassel kerb stones. Carrying capacity: FTZ-I up to 900 kg, FTZ-uni up to 1,500 kg, FTZ-40-E and FTZ-40 up to 4,000 kg.

You can obtain further information and leaflets from your local Probst dealer or directly from us.



ROCK-CLAMP SQZ

Offers an Optimum in Secure and Time Saving Handling

The innovative Rock Clamp SQZ enables the landscaping gardener to transport and unload square ashlar rocks to create massive dry retaining walls without difficulties.

▶ By a crane hook the SQZ can be attached to cranes, excavators or wheel loaders. Gigantic stones up to a weight of 1,000 kg are moved securely and precisely.

▶ With the adjustable gripping area from 20 to 85 cm it is possible to grip rocks of very different formats.

▶ The SQZ is strong, favourable in price and easy to handle. Its powerful gripping force guarantees the highest working security.

▶ Quickly changeable grippers for handling precast elements.



No working accidents !

Pivoting grippers with steel fingers adapt perfectly even to irregular shaped rocks.

"Who wants to grip with power, needs sharp claws"



Rock-Clamp for Variable Use - Ideal Handling of Steps and Precast Elements



Rapid adjustment of opening width by a spring loaded bolt.



Large inside height 300 mm



Integrated height adjustment



Automatic release for the fully automatic switch-over from "full" to "empty".

Grippers exchangeable without the need of tools.

The well proven steelfinger grippers can be exchanged against rubber grippers. In this case the high carrying capacity of the SQZ can be used for transport and setting of precast elements with smooth surface.



Precast elements and heavy steps, natural stone or concrete, are gripped this way securely and set exactly.

So the rock clamp SQZ is a versatile device, which saves time and money.

Due to the very tough construction and the excellent quality of material a long durability without breakdown is guaranteed.

Professional working saves costs !



In only one working process heavy concrete elements can be gripped, transported and set efficiently.

Our range of products covers all requirements ...



Manual Bolder Grab

For smaller bolders up to a weight of 200 kg the manual grab is ideal to use. The gripping area up to 600 mm enables to grip and set exactly stones of very different shapes and sizes.

You can obtain further information and leaflets from your local Probst dealer or directly from us.

CE SAFETY RIGHT DOWN THE LINE
The SQZ complies with the CE regulations.

Type	Gripping area W mm (in)	Inside Height E mm (in)	Carrying Capacity kg (lbs)	Dead Weight kg (lbs)	Order-Number
SQZ	200 – 850 (7 ³ / ₄ - 33 ¹ / ₂ ")	300 (11 ³ / ₄ ")	1,000 (2,200)	98 (215)	5310.0125
Accessory	Description				Order-Number
Set of Rubber Grippers	to be exchanged against the standard steel finger grippers (without any tools quickly exchangeable) so versatile use, for example also to handle step elements.				4001.0078