

**Experience innovation - through ergonomics
and operational efficiency**
Product News 2009



Expertise | Quality | **Innovation** | Service

Installation Machine VM 401: The new scale.



More comfort and even more benefits.



With its powerful 4 cylinder diesel engine the VM 401 is the perfect tool for high quality paver installation. With a carrying capacity of 600 kg and optional modular extensions, the VM 401 meets the needs of bigger and thicker paver layers.

Noise is greatly reduced with a cabin that is separated from the chassis.

The independently adjustable pedals, modifiable steering column and an ergonomic positioned joystick all appeal to the operators comfort. The modular hydraulic system allows Probst to customize equipment for the VM 401.

Experience the future today with this new installation machine.

Installation Carrier TRANS MOBIL TM: Cost efficient transportation and laying of concrete elements.

Your advantage: Fits great on trailers.

The TRANS MOBIL TM provides effortless transportation of pallets up to 1500kg combined with a tough vacuum device that lifts concrete and natural stone up to 150kg. This allows one person to move the unit and pallet to the installation site. The pivoting crane also allows one person installation of heavy blocks quickly and effortlessly without damaging their back. With its powerful rubber crawler tracks the TRANS MOBIL TM works great on rough terrain. This multifunctional powerful machine defines a new class of performance.



Cost efficient and flexible.

Investing in the TRANS MOBIL TM will pay off quickly. High speed laying and reduced manpower are not the only benefits, when using the TRANS MOBIL TM a loader is not needed.



It also provides a higher capacity and lower cost at the building site. There is no better way of saving money. Transportation of the TRANS MOBIL TM is done easily with a trailer!

Technical Data

max. weight of the pallet (kg)	max. carrying capacity of the vacuum laying unit	ca. dimensions: (LxWxH) (m)	Dead weight (kg)
1500	150	3,0 x 1,8 x 2,7	1300



HVZ GENIUS basic: The lightweight alternative.

The HVZ Genius Basic, is specially designed for mini excavators and loaders. It is a light weight, universally suitable alternative to the established HVZ Genius. The HVZ Genius Basic is multifunctional and easily adjusts to adapt to the paver layers to be installed.

Upgrades a mini excavator or loader into a installation machine. Only one hydraulic function is required to manage the entire clamping sequence. Even shifting pavers from a stack bond to a running bond pattern is performed automatically. A second hydraulic function controls the rotator allowing infinite rotation in either direction. Even under difficult conditions, the operator is able to work efficiently and without additional help.

Technical Data:

Main gripping	Side gripping	Carrying capacity	Dead weight
580 – 1.260 mm	960 – 1.440 mm	400 kg	240 kg



Vacuum devices SH 1000 SUPER-JET: Lift it up.

Large slabs with decorative surface finishes as well as sandstone slabs may be very porous and limit the capabilities of vacuum devices. Where other tools have to stop, the SH 1000 SUPER-JET shows its power!

The massive suction capacity of the SH 1000 SUPER-JET makes all the difference. This powerful unit creates enough vacuum to lift concrete units up to 1000 kg safely and cost efficiently. Changing suction plates is done effortlessly with a quick change system. This is important when laying slabs of different shapes and sizes. This device can be attached to any excavator, loader or installation machine.

Technical Data

Type	Engine Type	Carrying Capacity
SH 1000 SUPER-JET b	Petrol engine	depending on suction plate up to 1.000 kg
SH 1000 SUPER-JET h	hydraulic	



Slipform for Concrete Backfill of Precast Curbs GR 150: Precast Curb stone laying.



When precast or natural stone curbs must be backfilled with concrete, the Probst Model GR 150 makes the work fast and easy. The GR 150 Slipform adjusts to most precast curb dimensions.

The Slipform plate is removed from the formed concrete within seconds by 2 eccentric levers and the GR 150 is easily moved along the curb on rollers

equipped with ball bearings. The GR 150 also includes a hand tamper to compact the concrete.

Technical Data

Length form sheet	Thickness of backfill	Dead Weight
150 cm	15 cm	31 kg

Hydraulic Laying clamp VZ-h uni: Multifunctional.

Slabs, precast curbs, L-shaped retaining walls, grass stones and much more are handled easily with this multifunctional device. A gripping range of 0 – 1500 mm and a carrying capacity of up to 500 kg set the frame. Using the VZ-h uni the laying process is significantly easier and more cost efficient.



Stone Pillar Grab SLS 10/20: Simplicity that works.

New, thought through and proven on site. We have been asked by various landscaping contractors to come up with a solution to handle granite stone pillars or palisades. With the Stone Pillar Grab SLS 10/20 we have developed a product that gently lifts up stone pillars from the pallet and places them where they are needed.

The Stone Pillar Grab is compatible with any existing lifting device or a mini excavator.

A strong mechanic gripper holds the pillar and the gripping force automatically increases while lifting. It's as easy as tightening the crank and lifting up the pillar. This product is inspired by and is made to work great on building sites.

Technical Data

Gripping range (mm)	Carrying Capacity (kg)	Dead Weight(kg)
100 – 200	300	10



UNI MOBIL UM: One for all, and even more.

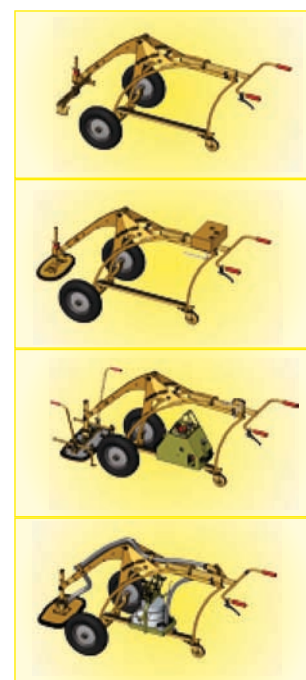
The UNI MOBIL UM is an installation dolly that can easily handle concrete units up to 150kg. Setting up the UNI MOBIL UM is easy and with varying customer needs additional Probst equipment can quickly be added. Efficiency is noticeably

increased, as it only requires one person to carry out the installation work. Physical strain is reduced significantly, as the load is transferred to the wheels of the UNI MOBIL UM. When lowering the load, the energy produced is stored, this then

enables the operator to lift the boom without using any extra force after installing the units. Slabs and precast curbs are now lifted and placed effortlessly!

Technical Data

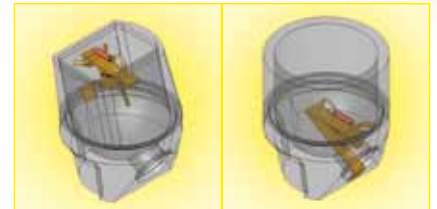
Type	Load Pick Up	Dead weight(kg)
UNI MOBIL UM	basic module (without load pick up)	40
UNI MOBIL UM-VZ1	Mechanical Gripper	46
UNI MOBIL UM-VPH	Vacuum / Batery	49
UNI MOBIL UM-SM	Vacuum / Batery	99
UNI MOBIL UM-VS-S	Vacuum, netzbetrieben	64



The Laying Hook SHS: Sometimes it's good if there is a hitch to it.

The Laying Hook SHS is a simple solution that was developed after giving a lot of thought to two common problems; negative experiences installing heavy manhole bases or cones and buying costly special clamps when you do not install these materials frequently.

The Laying Hook SHS from Probst is attached to an existing lifting device and inserted into the manhole base where it is safely hitched. With this new device manhole bases and cones up to 100 kg are now placed effortlessly. Enjoy big benefits for a small investment.

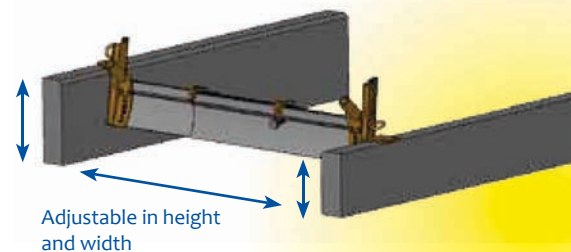


Tele-Plan Handscreeding System TP: A strong tool.

Asked for by professionals – implemented by Probst.

The new Tele-Plan sand screeding system TP can be adjusted to different widths and heights. This is especially useful if you have a curb or other boundaries which set a certain height level. It also works well in an open area prepared with screeding rails.

As usual, Probst's details make all the difference: The sickle shaped aluminium profile cuts into the bedding material. Screeding can now be done much easier with a profile that does not need to be pushed downwards with high force. Different accessories are available for Tele-Plan Hand Screeding System TP.



Technical Data

Type	Working widths (mm)	Dead weight (kg)
TP 60/100	600 – 1.000	3,7
TP 100/165	1.000 – 1.650	4,6
TP 150/260	1.500 – 2.600	6,0
TP 200/350	2.000 – 3.500	7,3

Proven in practice!

Probst is known for its global outlook. Our focus lies on making your job more efficient and ergonomical. We combine our vast technical knowledge with the experience of our customers. This is how we strengthen our products on the market and increase the benefits for our customers.

This results in well thought out solutions, that are carried through to the end product. This is how we strengthen our products on the market and increase the benefits for our customers. The results are solid machines and tools, which set industry standards of quality and cost efficiency. With good reason we say: **Probst – the better solution**



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