

Vacuum Slab Laying Machine Jumbomobil JM



The self-propelling slab laying Machine Jumbomobil is the ideal equipment for laying contractors who often have to surface large areas. Slabs of all kinds can be laid quickly and effortlessly with the JM. Thanks to the innovative technology, loads up to 200 kg in weight can be lifted, transported and laid with ease.



The JM builds its street itself, i.e. it moves effortlessly along the surface it has just laid. The JM works on the principal of vacuum hose lifters, where the vacuum energy is not only used to grip the product but also to lift the product. One suction hose is enough to lift light-to-medium-weight slabs. Heavier slabs require larger suction hoses. The carrying capacity depends on the size of the suction hose.

► Performance capacity: easily 300 sq.m per day.

Vacuum Kerb Stone Installation Machine Jumbo BV



The Jumbo BV is also a strong vacuum hose lifter. Its suction hose varies in length. By attaching it to a wheel loader, the Jumbo BV can easily and precisely lay up to 400 metres of kerb stones a day. The pack of kerb stones is carried along on the BV. Distribution and laying are completed in one operation saving an enormous amount of time. For road builders and laying professionals this machine is the ultimate in efficient kerb stone laying.



All Probst suction plates have a special foam-rubber seal which is ideal for uneven surfaces and is extremely long-lasting. Should the seal need changing it can be done in seconds, without adhesive or tools.

Vacuum Lifting Device SH

The SH is enormously versatile. Various suction plates can be quickly attached depending on the job in hand, meaning that steps, pipes, kerb stones etc. can be lifted, transported and laid without any fuss.



Hydraulic Vacuum Laying Unit HVE

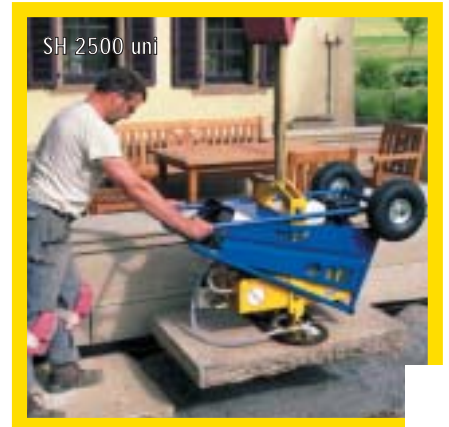


The HVE produces its vacuum power by means of a turbine and so is best suited for porous slabs. It is hydraulically powered and is an ideal accompaniment to the Paver Installation Machine VM 203/VM 204.

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

Vacuum Stonemagnet SM

An easy to handle and inexpensive lifting device, which needs no electricity supply, for handling slabs and other goods with a dense surface. It is powered by an easy to change rechargeable 12-Volt-battery. The carrying capacity of the SM can be extended up to 400 kg. By switching on a second pump the suction power can be strengthened to lift, e.g. porous slabs.



Vacuum Lifting Device SH 2500 uni

The strongest of Probst's vacuum lifting devices. Heavy stone slabs up to 2,500 kg in weight can be safely lifted and layed using the SH.

The SM can be attached to any carrier and is completely self sufficient!

The large vacuum pump enables the SH to lift porous slabs as well.

Vacuum Power Handy VPH

The flexible, powerful manual laying device for dense materials such as granite or high-quality concrete picks up to 150 kg in weight. Can be used anywhere at any time, as no electricity supply is needed. The battery will last a whole working day. This innovative device with the small vacuum pump has many uses and is inexpensive to buy.



Vacuum Power in Modular Design.

Probst is the market leader in using vacuum technology for lifting and laying machinery. Probst equipment is constructed true to size following the principles of modular construction for the requirements of the building industry. Each and every vacuum device carries out its tasks reliably. They are not only components, they also wider the range of uses of the other machinery already available. Vacuum power is gentle, thus avoiding damage to the goods being layed and thereby increasing the quality of the layed areas.

VACUUM LAYING DEVICES

VACUUM LAYING DEVICES -- THE COST KILLERS --

Probst has been using vacuum power for its lifting and laying deviced for a long time now. The advantages of vacuum technology are clear: speedy and precise laying of all types and sizes of materials. Utmost care in handling the goods and a high degree of safety as the slabs no longer need handling at the sides or underneath.

In all a reduction in manpower, and yet at the same time an increase in productivity and quality of workmanship.

The vacuum suction power can be supplied electrically, hydraulically or by means of a combustion engine. A new Probst development has produced battery-powered vacuum laying devices.



Vacuum Slab Layer Micro Jumbo MJ

Designed for the labour-saving laying of slabs up to 150 kg in weight the MJ has become the standard equipment for use in garden and landscape construction.

▶ Excellent value for money.





VACUUM LIFTING DEVICE – SH

Time consuming lifting apparatus is a thing of the past. Using this Vacuum-Power-Pack, many of the most strenuous jobs can be done quickly and easily.

▶ According to Time and Motion studies, there is vast room for improvement in the transportation and laying of the heaviest slabs and building components. In the SH you have a multi-functional base unit for the most varied operations.

▶ Natural stone, marble and non-porous concrete slabs, concrete pipes and guttering up to 3000 kg can all be transported, moved and laid with ease, with no problems and in absolute safety.

▶ The easy to manage Vacuum Lifting Device can easily be attached to any carrier by means of a load hook, chain or cable.



▶ The SH can be powered by various means. The most flexible way is with a generator which is set directly onto the SH.

▶ Various suction plates are available, depending on the load and the job in hand. These suction plates are attached to the SH quickly by means of a lug shank retainer.



"With a flick of the switch I'll change over – to vacuum"



VACUUM LIFTING DEVICE SH

No Damage!

- ▶ Expensive materials are handled with particular care.
- ▶ Without any problem already installed slabs can be lifted and installed again. Large saving of time when working with natural stone slabs as well as with restoration work e.g. at historical places.



Efficient Working Practice

- ▶ Thanks to the vacuum-technology and to an adequate lifting-device, only one operator can transport even very heavy stadium-slabs or extremely heavy concrete slabs with ease and bring them in the desired laying position without any problems.
- ▶ Only the top of the slab or step is suctioned. There is no need to grip the sides or the bottom of it!



CE Safe in the extreme

Safety Devices:

Vacuum Gauge, Safety vacuum storage tank, Pressure relief valve Acoustic warning device

Further Uses:

Additional Equipment Micro Jumbo MJ
Awarded with the "Price of Innovation"



Equipped with innovative technology

The SH has been specially developed for the many different jobs on the building site. Using only one single base unit and a range of suction plates, you can carry out the most diverse and difficult jobs quickly, efficiently and at a reasonable cost.

- ▶ **New: Base Units**
Type SH 2500 uni eW up to 2500 kg (5,500 lbs) load
Type SH 2500 uni b up to 2500 kg (5,500 lbs) load
- ▶ **Various means of Power:**
eW = electric, 230 volts
b = by integral petrol engine

Suction Plates:

- ▶ The load is dependent on the suction plate used.
- ▶ Various suction plates are available for various jobs, as are Accessories (see detailed Type list 2.4).
- ▶ The Probst special foam-rubber seal means that even uneven and porous building materials are no problem!
- ▶ The foam-rubber seals can be replaced in seconds.



The Micro Jumbo can be fixed onto the base unit in a flash. Then smaller components such as stone and concrete slabs can be efficiently laid. It is particularly easy to use on terraces. Depending on the weight of the slab (15 kg – 150 kg), one or two men can work safely with the device.

- ▶ A wheel set can be mounted onto the SH to make it even more mobile.

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



VAKUUM-PLATTEN-VERLEGEHILFE MIKRO-JUMBO MJ MIT VAKUUM-PUMPEN-EINHEIT VPE

Ideal auch als Anwendungserweiterung
zum Vakuum-Hebegerät SH

Die Erfolgskombination für rationelles Plattenverlegen: MJ mit VPE

Plattenverleger in aller Welt schätzen die Vakuum-Platten-Verlegehilfe Mikro-Jumbo MJ von Probst. In Kombination mit der leichten und kompakten Vakuum-Pumpen-Einheit VPE die dem MJ seine Saugkraft gibt, hat der Plattenverleger das ideale Rüstzeug für rationelles Verlegen von Stein- und Betonplatten. Diese können bis zu einem Gewicht von 150 kg sicher aufgenommen und präzise verlegt werden. Auch bereits verlegte Platten können schnell wieder aufgenommen, sauber zurechtgerückt und höhenmäßig richtig verlegt werden, da nur die Oberfläche angesaugt werden muß. Tragegriffe für den Ein- und Zwei-Mann-Betrieb in ergonomischer richtiger Höhe ermöglichen das Arbeiten in aufrechter Körperhaltung. Dadurch geht das Plattenverlegen ermüdungsfreier, zügiger und mit gesteigerter Effizienz vonstatten. Zudem ist eine eindeutige Verbesserung der Verlegequalität zu verzeichnen.



▶ Der Mikro-Jumbo läßt sich blitzschnell an die Vakuumantriebsstation VPE oder SH anknüpfen.

▶ Je nach Plattengewicht (von ca. 15 – 150 kg) können ein oder zwei Mann das Gerät einfach und problemlos bedienen. Der Mikro Jumbo MJ schont Finger, Kreuz und Knie.

„Ein Stück Freiheit –
professionell zu arbeiten“



Auf gesunde Art Kosten sparen!

Früher – oft eine Plackerei, die in die Knochen ging

► Bisher war das Plattenverlegen eine harte Knochenarbeit. Sich dauernd bücken oder runter auf die Knie, die Platte sauber über die Kante ins Planum kippen lassen. Und dabei noch schnell die Finger aus der „Gefahrenzone“ bringen. Oft liegt die Platte nicht einmal wie sie soll, dann beginnt die Plackerei noch einmal von vorn.

Jeder, der so tage- oder gar wochenlang gearbeitet hat, weiß, wieviel körperlichen Einsatz das abverlangt. Gesundheitliche Schäden bleiben auf Dauer nicht aus. Eine konstante Arbeitsleistung ist fast unmöglich.

Endlich – humane Arbeitshilfen bringen spürbare Vorteile

Die alte „Knochenmühle“ ist Schnee von gestern. Der Mikro-Jumbo in Verbindung mit der Vakuum-Antriebsstation VPE oder SH macht es möglich. Nun geht es ohne ständiges Bücken und Beugen. Rücken und Knie sind deutlich entlastet.

► Mit dem Mikro Jumbo MJ lassen sich Platten – egal ob mit Ein- oder Zwei-Mann-Bedienung – ohne unnötige Strapazen anheben, transportieren und exakt verlegen.

► Die Vakuum-Platten-Verlegehilfe MJ leistet nicht nur einen Beitrag zur Humanisierung am Arbeitsplatz – sie hat außerdem noch eine Kostenbremse mit auf den Weg bekommen.

Denn rationelles Arbeiten spart Zeit und bringt zusätzliche Kapazität.

Und so einfach funktioniert der Mikro-Jumbo MJ in der Praxis

Der Mikro-Jumbo läßt sich per Sicherheits-Bajonettverschluß super-einfach an die Vakuum-Pumpen-Einheit VPE oder an den SH anknüpfeln.



Und schon kann es losgehen. Noch kurz prüfen, ob die Tragfähigkeit der Saugplatte für das Steingewicht ausreicht oder eine andere ausgewählt werden muß. Dann ist es endgültig soweit: Saugplatte auf den Stein, die Steinplatte wird festgesaugt. Das Manometer gibt grünes Licht: Also anheben und verlegen. Wenn die Steinplatte liegt, öffnet ein Fingerschnipsen das Ventil. Und die Saugplatte löst sich.

Übrigens, die Saugplatten sind mit einer hochverschleißfesten Schwammgummidichtung ausgestattet. Sie hält überdurchschnittlich lange. Und wenn sie dann doch einmal fällig ist, dauert der Austausch (ohne Kleber und Werkzeug) nur wenige Sekunden.

Vakuum-Hebegerät SH und Plattenverlegehilfe MJ

eine Systemkombination für schwere und leichtgewichtige Aufgaben.



Unternehmer, die auf Ihren Baustellen für das Verlegen schwerer Einheiten (bis 3.000 kg) ohnehin das Vakuum-Hebegerät SH im Einsatz haben, können auf die Vakuumantriebsstation VPE verzichten. Denn der SH liefert die für die Verlegehilfe Mikro-Jumbo erforderliche Vakuumkraft. So wird der MJ zu einer echten Systemerweiterung für das Hebegerät SH. Hohe Anpassungsfähigkeit an die verlegerischen Arbeiten ist der Nutzen, der sich als Gewinn auszahlt.

Ohne Kraftaufwand und federleicht: die Vakuum-Platten-Verlegemaschine Jumbomobil JM macht's möglich.



Bei großen Flächen lohnt es sich, das Jumbomobil einzusetzen, z. B. Tankstellen, Gewerbegebiete, Fußgängerzonen, usw.

Mit der vielseitigen Maschine können Sie mühelos 300 qm (pro Mann und Tag) verlegen. Platten bis 200 kg Gewicht packt das Jumbomobil spielend.

Weitere Informationen und Prospekte erhalten Sie über Ihren kompetenten Baumaschinenhändler oder direkt von uns.

Technische Daten:

Typ	Lieferumfang/Beschreibung	Tragfähigkeit	Eigengewicht	Bestell-Nr.
Vakuum-Pumpen-Einheit VPE 12 E 230/50	elektrisch, 230 Volt, Wechselstrom 50 Hz	abgestimmt auf MJ-Einsatz, ca. 150 kg	19 kg	4280.0003
Vakuum-Pumpen-Einheit VPE 12 E 110-115/50-60	elektrisch, 110 – 115 Volt, Wechselstrom 50 – 60 Hz	abgestimmt auf MJ-Einsatz, ca. 150 kg	19 kg	4240.0021
Vakuum-Pumpen-Einheit VPE 12 B	Benzinmotor	abgestimmt auf MJ-Einsatz, ca. 150 kg	26 kg	4240.0019
Mikro-Jumbo MJ I 75	1 Handtragegriff für 1-Mann-Bedienung inkl. Vakuum-Ventil und Manometer 1 Saugplatte SPS 75 (75 kg* Tragfähigkeit) 1 Vakuum-Zuführschlauch	75 kg*	5 kg	5260.0001
Mikro-Jumbo MJ II 150	1 Handtragegriff für 2-Mann-Bedienung inkl. Vakuum-Ventil und Manometer 1 Saugplatte SPS 150 (150 kg* Tragfähigkeit) 1 Vakuum-Zuführschlauch	150 kg*	10 kg	5260.0002
Saugplatte MJ SPS 75	Größe: rund L x B 225 x 225 mm	75 kg*	2 kg	4270.0005
Saugplatte MJ SPS 150	Größe: oval L x B 440 x 240 mm	150 kg*	3 kg	4270.0006

* Wert bei 600 mbar Unterdruck

Weitere Informationen zum Vakuum-Hebegerät SH – das auch als Vakuum-Antriebsstation für den MJ I und MJ II eingesetzt werden kann – erhalten Sie von Ihrem Baumaschinenhändler oder von uns.



**TESTEN
SIE
JETZT!**

VACUUM HAND LAYING DEVICE SPEEDY VS 75

VACUUM HAND LAYING DEVICE SPEEDY VS-S

Slab laying without bending over!

With this new inexpensive hand laying tool all kinds of slabs can be layed quickly and above all, ergonomically.

The powerful single phase (110/230 V) powered vacuum turbine also allows the quick and safe handling of very porous material as well as material with exposed aggregate surface.

- ▶ Quick Positive Suction Action (0,5 sec.).
- ▶ Handles individually height adjustable, for example to lay steps by operators of different height.
- ▶ Universal suction plate (size 40 x 30 cm) (16 x 12 in) - Carrying capacity 75 kg (165 lbs) - for almost every application.
- ▶ Suction plate replaceable with custom configurations. For weights up to 120 kg.
- ▶ Time saving techniques, simple handling!
- ▶ Textured surface products are no problem.



- ▶ With this new value priced equipment, hand setting of slabs of all kinds can be done quickly, efficiently, and safely, providing the latest in ergonomic design.
- ▶ With this equipment you are complying with the Health and Safety Regulations.

„Better Technology keeps you on top!“



Increasing productivity and higher working quality



VS 75



VS 75



VS 75

Vacuum Hand Laying Device SPEEDY VS-S

By the innovative technique and the powerful vacuum force, all kinds of slabs - even heavy porous material - as well as slabs with uneven surfaces, are sucked, lifted transported and installed quickly and securely.

- ▶ Handles individually height adjustable (important for users of different heights).
- ▶ Two short handles (in lower position) make easier the taking-off from high stacks of slabs.
- ▶ Working method takes care of health !
- ▶ For different jobs and weights we recommend

special suction plates (modular principle): In no time the suction plate is attached to the Speedy. Maximum carrying capacity up to 120 kg.

- ▶ The suction-plates are equipped with a special low-wear seal which is - if necessary after a very long period of use - exchangeable within seconds.
- ▶ The handles can be folded down for easy transportation (see picture).
- ▶ Lightweight design - only approx. 16 kg dead weight.
- ▶ Galvanized

Vacuum Hand Laying Device SPEEDY VS-S 75 - Complete -

Type	Power	Carrying Capacity (kg) (lbs)	Dead Weight (kg) (lbs)	Size of Suction Plate (mm) (in)	Order-Number
VS-S 75	electrically 230 Volt single phase 50 Hz	75* (165)*	16 (35)	400 x 300 (16 x 12)	S-5270.0001
VS-S 75	electrically 110 Volt single phase 50/60 Hz	75* (165)*	16 (35)	400 x 300 (16 x 12)	S-5270.0002

Device completely equipped with suction plate SPS 75 for 75 kg (165 lbs) carrying capacity!

Vacuum Hand Laying Device SPEEDY VS-S Basic Device

Type	Power	Carrying Capacity (kg) (lbs)	Dead Weight (kg) (lbs)	Description	Order-No.
VS-S Basic Device	electrically 230 Volt single phase 50 Hz	depending on size, of suction plate	14 (31)	without suction plate	5270.0003
VS-S Basic Device	electrically 110 Volt single phase 50/60 Hz	depending on size, of suction plate	14 (31)	without suction plate	5270.0004

Suction Plates SPS for VS

Type	Length (mm) (in)	Width (mm) (in)	Carrying capacity (kg) (lbs)	Order-No.
SPS 40 VS	300 (12")	250 (10")	40* (90)*	4271.0013
SPS 75 VS	400 (16")	300 (12")	75* (165)*	4271.0008
SPS 90 VS	500 (20")	300 (12")	90* (200)*	4271.0012
SPS 120 VS	700 (30")	300 (12")	120* (265)*	4271.0011
Replacement Seals:	for SPS 40 VS-S**			4271.0032
▶ Seals no difficult glueing!	for SPS 75 VS-S**			4271.0029
▶ Seals easy to attach.	for SPS 90 VS-S**			4271.0031
	for SPS 120 VS-S**			4271.0030

** incl. holding fixture

* Value at 175 mbar under-pressure



VACUUM SLAB LAYING MACHINE JUMBOMOBIL JM

VACUUM SLAB LAYING MACHINE JUMBOMOBIL JM

The efficient working method in the new millennium!

Every road-construction and landscaping-enterprise who wants to gain a margin under the difficult economic conditions must have a realistic look at the costs. With its efficient way of operating the vacuum slab laying machine Jumbomobil JM you save both, costs and human energy. The innovative technique makes it possible that one man can lift heaviest slabs (up to 200 kg) light as a feather with the JM. Without expenditure of energy he can transport weightlessly with the swivel arm and position and shift accurately within shortest time easily **300 sqm per day!**

▶ The application possibilities are enormously versatile. The strong vacuum power does not only grip concrete surfaces but also rough natural stone- or washing-exposed aggregate concrete surfaces without any difficulties. Worldwide slab-layers are enthusiastic about the easy handling



even with different formats and shapes.

▶ Without any problem already installed slabs can be lifted and installed again. Large saving of time when working with natural stone slabs as well as with restoration work e.g. at historical places.

▶ Health-careful way of operation!





Vacuum Slab Laying Machine Jumbomobil JM

For the easy, exact and economical laying of slabs up to 200 kg.

- ▶ Suitable for concrete slabs, natural stones, slabs with exposed aggregates, large pavers, petrol station pavers, environmental pavers, gutters and much more.
- ▶ Extremely easy and light laying as the lifting and setting down are done by a vacuum hose lifter.
- ▶ Give your workers a better way of working!

- ▶ Exact positioning of the slabs by means of a smooth-running pillar swing crane with very low dead weight.
- ▶ Slabs which have already been laid can easily be lifted again.
- ▶ Quiet vacuum generation using an electrical motor, or alternatively a fuel engine.
- ▶ Can easily lay up to 300 square metres a day.



Technical Data and Components:

▶ Chassis:

Rugged undercarriage (L x B = 1,300 mm x 1,300 mm), 1 steering axle, 1 axle with hand brake, 4 pneumatic heavy duty wheels, compartments for counter weights, foldable supports.

▶ Swing Crane:

Telescopic in height via a hand operated winch (alternatively electrical driven), crane jib 4 m in length and able to turn 350° with 4 different stoppoint points. Foldable down to 2 m in length and 2 m in height for easy transportation.

▶ Vacuum turbine unit VGE

electrically driven (e):
Powerful vacuum turbine with 3-phase electrical motor, maximum underpressure 520 mbar, incl. motor protection switch, plug CEKON 16 A with integrated phase-switch, silencer, air-filter with pre-separator. Type VGE J 30 RG (details see page 2.14)

Petrol driven (b):

Powerful vacuum turbine with integrated petrol engine, silencer, service hourmeter, air-filter with pre-separator. Type VGE 3 SB including conversion kit (details see page 2.14)

On request also available with electrical start.

▶ Vacuum Hose Lifter

Supply hose, lifting unit, operating valve unit, hose-cylinder extension.

Lifting height -250 mm (below ground level) to +1250 mm.

▶ Suction Gripper

For concrete, natural stone and exposed aggregates. Slabs, with foamed rubber seal.

Special shaped gripper and multiple grippers available on request!

All components are exchangeable via quick fasteners.



Type	Operating Radius mm (in)	Electrical Data	Carrying Capacity kg (lbs)	Dead Weight kg (lbs)	Order-Number
JM 150 e	4.000 (155)	3~230/400 V 50Hz	150* (330)	720 (1,590)	S-5200.0008
JM 200 e	3.000 (120)	3~230/400 V 50Hz	200* (440)	730 (1,610)**	S-5200.0009
JM 150 b	4.000 (155)		150* (330)	720 (1,590)	S-5200.0005
JM 200 b	3.000 (120)		200* (440)	730 (1,610)**	S-5200.0007
USA Voltage					on request

As the chassis, crane and the vacuum turbine are designed for a maximum carrying capacity of 200 kg, a lifting unit with a different carrying capacity can be added at any time (see page 2.12).

* Value at 420 mbar under-pressure

** When working with a working capacity of 200 kg, the operating radius of the boom will be limited to 3,000 mm. Furthermore the chassis must be loaded with counterweights (supplied by the customer).



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



VACUUM KERB STONE INSTALLATION MACHINE



VACUUM KERB STONE INSTALLATION MACHINE - JUMBO BV

The easiest way to install kerb stones – this contribution to healthy working practices will pay for itself!

► Using our Kerb Stone Installation Machine you will be able to install the heaviest blocks of all types and sizes up to 150 kg effortlessly.

► Optimal logistics: Suction - Lifting - Laying are all completed in one manoeuvre. The complete pack of kerb stones is carried along and each one is placed straight away at the exact spot along the guide line. (Current time and motion studies confirm that there is enormous room for improvement in the transportation and installation laying process!). Using the Jumbo BV you can work economically all along the line.

► The Jumbo BV can easily be used to lay 400 lfm per day. Your employees will be thrilled - you will have your deadlines under control and health and safety consideration will not fall by the wayside.

► The strong vacuum-power does not only grip concrete but also uneven natural stones.



The Jumbo BV can be mounted on any type of wheel loader in an instant.

Its robust construction makes it hard-wearing day in, day out. High quality material components guarantee reliability and a long life. The equipment will pay for itself many times over not just in pennies but in pounds.



"Nobody will feel dejected anymore – back breaking work is a thing of the past."



Superior technology saves time and costs! Vacuum kerb stone installation machine - JUMBO BV

Previously a job for the big boys

Even today 80 – 150 kg kerb stones have to be lifted at least twice – once when they are being arranged and once when they are actually laid. That can damage the small of the back and the knees, leading to pain and premature wear and tear on the joints. It is impossible to achieve a constant, calculable output of work. Nobody wants to do this type of work anymore. Older workers suffer from chronic backache and few of the younger ones will avoid such a work.

The economic division of labour in the kerb stone installation processes between arranging and laying then often leads to wasted working time, difficulties with deadlines and a lot of hassle. This is now a thing of the past, as the Jumbo BV heralds in a new era.

Now – a job for feather-weights

Today almost anybody can take up kerb stone installation – even feather-weights. Muscles and a strong back are no longer needed. The Jumbo BV from Probst lets you lift and lay granite and concrete kerb stone effortlessly.

The logistics are exemplary.

The complete pack of kerb stone is carried along and each one is placed immediately at the exact spot along the guide-line. All it needs is a little manual guidance.

Depending on the different kinds of kerb stones there are different kerb stone grippers* (suction-plates) available:
for concrete kerb-stones 500 - 1000mm L 520 x W 150-120mm
for concrete and granite kerb-stones L 924 x W 134 mm
for small kerb stones at lawn edges 80-100mm L 900 x W 100-140 mm
UZ-BV versatile clamp
for curved kerb stones and concrete elements 150 - 200mm
* max. 150kg Carrying Capacity

Technical Data / Complete Equipment

Type	Power	Reach (mm) (in)	Carrying Capacity (kg) (lbs)	Dead Weight (kg) (lbs)	Lifting Speed	Order No.
Jumbo BV b	Petrol Engine	4,000 (157")	150 (330)	520 (1,150)	0-40 m/min (0-135 ft/min)	S-5220.0004
Jumbo BV h	hydraulic	4,000 (157")	150 (330)	490 (1,080)	0-40 m/min (0-135 ft/min)	S-5220.0002

* Value at 420 mbar low pressure

Vacuum Hose Lifter up to appr. 150 kg carrying capacity
– Fuel engine resp. hydraulic motor and vacuum turbine with silencer and dust-filter
– Supply hose and lifting hose
– Lifting height from fork prong level up to appr. 1,100 mm
– Valve unit and operating handle
– Kerb stone gripper with durable foam rubber seal also suitable for natural stone kerb stones
– all components interchangeable using quick fasteners

▶ New: The lifting and lowering of their kerb stones is done via a vacuum switch.



▶ It is that easy. Let your workers enjoy the best quality working conditions.

This is how the Jumbo BV works

A new attachment for all types of wheel loaders with a fork-lift carrier. Equipment includes an integral fuel engine and a vacuum compressor. The vacuum lifting unit consists of a lifting hose, valve unit and gripper. All parts are of an interchangeable modular design and so can be used for other installation work and with other materials. The jib boom is easy to manoeuvre, can be locked into place and has a range of 4 m. The mast is brought down hydraulically to its vertical position from the wheel loader and so the jib boom is always able to swivel gently.

▶ For transportation purposes from the storage area to the building site, the device is collapsible due to a hydraulic cylinder. Once at the building site it is easily flange-mounted to the wheel-loader using claws and is thus ready for use in an instant.

Pillar Swing Crane:
– with hydraulic, vertical tilt facility, diagonal to the direction of travel
– Tilting facility in direction of travel via the pivotal cylinder of the loading bucket
– Swing range of crane arm appr. 270°
– Headroom of jib appr. 2.800 mm
– Jib can be folded hydraulically for transportation purpose
Incl. 1 kerb stone gripper (suction plate) Carrying Capacity 150 kg

Universally suitable – also for the economic and easy slab-laying

ZA-BV-Mobil with Jumbo BV



To lay slabs, the Jumbo BV can be easily attached to the **ZA-BV-Mobil**. With the Palette Truck PW III the complete unit can be moved from one position to the other by hand. No additional carrying machine like wheel loader is necessary.

(To drive with the wheel loader on the just laid slabs mostly creates quality problems: The slabs are settling down or are shifted; with the use of the ZA-BV-Mobil these problems don't occur.)

Slab installation with vacuum technology – the cost-saving way of working!



Vacuum Hand Laying Device SPEEDY VS-S up to max. 120 kg



Vacuum Lifting Device SH up to max. 2,500 kg

Special devices available on request!

When do we get started?

If you are still not 100 % convinced by the Jumbo BV there is only one thing for it: We will convince you in person under all working conditions. Then you will see for yourself what we mean by quality and handling. Call us and Probst will do the rest!

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