

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

Previously a job for the big boys

Even today 80 — 150kg 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 back-ache 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.

Depending on the different kinds of kerb stones there are different kerb stone grippers* (suction plates) available:
 for concrete kerb-stones 500 - 100mm L 520 x W 150 - 120mm
 for concrete and granite kerb-stones L 924 x W 134mm
 for small kerb stones at lawn edges 80-100mm L 920 x W 100 - 140mm
 UZ-BV versatile clamp
 for curved kerb stones and concrete elements 150 - 200mm
 *max 150kg Carrying Capacity

▶ 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.

▶ New: The lifting and lowering of the 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 Darts 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.

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

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.)

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.



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 150kg 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 By you can work economically all along the line.

The Jumbo BY can easily be used to lay 300 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.



Technical Data / Complete Equipment

Type	Power	Reach (mm) (in)	Carrying Capacity (kg) (lbs)	Dead Weight (kg) (lbs)	Lifting Speed	Order No.
Jumbo BV b	Fuel Engine	4,000 (155")	150 (330)	520 (1,145)	0 - 40 m/min (0-135 ft/min)	5220.0001
Jumbo BV h	hydraulic	4,000 (155")	150 (330)	390 (860)	0 - 40 m/min (0-135 ft/min)	5220.0002

*maximum at 0,6 bar 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

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 150kg



"A quality machine that is not only safety conscious, but also gives great performance."



Attached via a quick release system



Lifting splayed kerbs



Lifting HB2 kerbs



Lifting drainage channels



"This machine takes the hard work out of kerb laying."

Quotes by Mark Pitman.

