

JM-VARIO



JUMBOMOBIL JM-VARIO Vacuum Slab Laying Machine

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.
- ▶ **Now with knuckle boom for safe and quick installation even along house walls or around trees, light posts or similar.**

Technical Data and Components:

▶ Chassis:

Rugged undercarriage (L x W = 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 crane jib 4 m in length and able to turn 350° with 4 different stopping points.
Foldable down to 2 m in length and 2 m in height for easy transport.

▶ Vacuum turbine unit VGE

electrically driven (E):

Powerful vacuum turbine with 3-phase electrical motor, maximum underpressure 520 mbar, incl. motor protection switch, plug CEE 32 A with integrated phase-switch, silencer, air-filter with pre-separator.

Type VGE-SB-L-e (details see page 5.27)

Petrol driven (B):

Powerful vacuum turbine with integrated petrol engine, silencer, service hourmeter, air-filter with pre-separator.

Type VGE-3 RG b including conversion kit (details see page 5.27)

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 Plate

ESP 150-31/31 (see page 5.22)

Other suction plates on request.

All components are exchangeable via quick fasteners.

Type	Operating Radius mm (in)	Electrical Data	Working Load Limit WLL kg (lbs)	Dead Weight kg (lbs)	Order-Number
JM-VARIO-150-E	3,900 (154")	4 kW 50 Hz 3~190/255 V Δ or 330/440 V Y	150* (330)*	720 (1,590)	5200.0017
JM-VARIO-200-E	3,000 (118")	4,8 kW 60 Hz 3~190/290 V Δ or 330/500 V Y	200* (440)*	730** (1,610)**	5200.0019
JM-VARIO-150-B	3,900 (154")		150* (330)*	720 (1,590)	5200.0018
JM-VARIO-200-B	3,000 (118")		200* (440)*	730** (1,610)**	5200.0020

Design with rigid boom jib on request.

As the chassis, crane and the vacuum turbine are designed for a maximum working load limit of 200 kg, a lifting unit with a different working load limit can be added at any time (see page 5.21).

* Value at 420 mbar low pressure

** When working with a working load limit 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).

Accessories:

Due to the attendance on the market for several decades, Probst is the only supplier who has access to more than 1000 different suction plates, which have been manufactured and successfully used in the past.

For proper suction plates and accessories refer to type list 5.21-5.25