



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 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 (alternatively electrical driven), 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 CEKON 16 A with integrated phase-switch, silencer, air-filter with pre-separator.

Type VGE-SB-L-e (details see page 2.20)

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 2.20)

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 2.18)

Other suction plates 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 (157")	4 kW 50Hz 3~ 190 / 255 V Δ or 330 / 440 V Y	150* (330)*	720 (1,590)	S-5200.0008
JM 200 e	3,000 (118")	4.8kW 60Hz 3~ 190 / 290 V Δ or 330 / 500 V Y	200* (440)*	730** (1,610)**	S-5200.0009
JM 150 b	4,000 (157")		150* (330)*	720 (1,590)	S-5200.0011
JM 200 b	3,000 (118")		200* (440)*	730** (1,610)**	S-5200.0012

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 2.19).

* Value at 420 mbar low 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).

Accessories

Description	Order-Number
Cable drum 400 V, 16 A, 3 phase, L= 25 m	2410.0001
Replacement filter cartridge for airfilter	4210.0085
Replacement for rubber seal L = 1 m	4210.0024
Tin of adhesive for rubber seal (1 tin enough for 2 meters)	5210.0001
Tool and Equipment Box WZK-BV, suitable to store a complete lifting unit, operation valve unit including suction plates and tools safely. Box size: 1,200 x 550 x 630 mm	4220.0107

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 (special information on request).