



Type ①	Dimension mm (in)	Number of suction plates	Working Load Limit WLL kg (lbs)	Order-Number
MSP-3-5-85-3 x SPS 23/13-a 35-40	230 x 130 (9" x 6")	3	85*** (185)***	4210.1058
MSP-6 (2x3)-5-200-6 x 19 Rd-a-40	∅ 190 (7 1/2")	6	200*** (440)***	4210.1087

Accessories

► To speed up laying with high positioning accuracy and thus reduce alignment work, stops can optionally be attached to the multiple suction plates.

Type ①	Adjustment range mm (in) for	Dead Weight kg (lbs)	Order-Number
MSP-SA Lateral stop (usable on both sides)	Slab width 85 – 330 (3 3/4" – 13")	0,5 (1)	4210.1035
MSP-LA Longitudinal stop	Slab depth 120 – 280 (5" – 11")	3 (7)	4210.1036
MSP-FLA Flexible Longitudinal stop (For movable MSP only)	Slab depth 80 – 280 (3" – 11")	3 (7)	4210.1037

► Special multiple suction plates with fixed spacing. Specially designed to lay gutter stones.

Type ①	Dimension mm (in)	Number of suction plates	Working Load Limit WLL kg (lbs)	Order-Number
MSP-8-5-150-8 x SPS 13/15-a 15	130 x 150 (5" x 6")	8	150*** (330)***	4210.1088
MSP-8 (2x4)-5-150-8 x SPS 13/15	130 x 150 (5" x 6")	8	150*** (330)***	4210.1086

Additional suction plates on request.

Large-Area Suction Plates FSP

A universal suction plate for the broadest range of stone configurations, regardless of the number of individual stones, regardless of how the joints run: the highly innovative FSP surface suction plate now covers this task for all devices and machines with vacuum tube lifters. The vacuum tube lifting devices such as JUMBO-BV-VARIO, JUMBOMOBIL JM-VARIO, TRANSMOBIL TM and UNIPOSE UP-1204 can therefore be used on a considerably wider scale for laying stone elements.

For direct coupling to the operating unit or hose cylinder extension.

Comprising:

► Suction box with stuck-on sponge rubber mat. The sponge rubber layer is easy to replace. Careful handling of the vacuum seal is essential.

Type	Dimension mm (in)	Working Load Limit WLL kg (lbs)**	Order-Number
FSP-150-56/61	560 x 610	150***	4211.0017
FSP-150-82/20	820 x 200	150***	4211.0004

Additional suction plates on request.

** Caution: It is forbidden to use the suction plates with a smaller working load limit than the lifting unit HE! It is permissible to use suction plates with a higher working load limit than the lifting unit.

*** Value at 420 mbar low pressure

① Durable surface protection by galvanizing