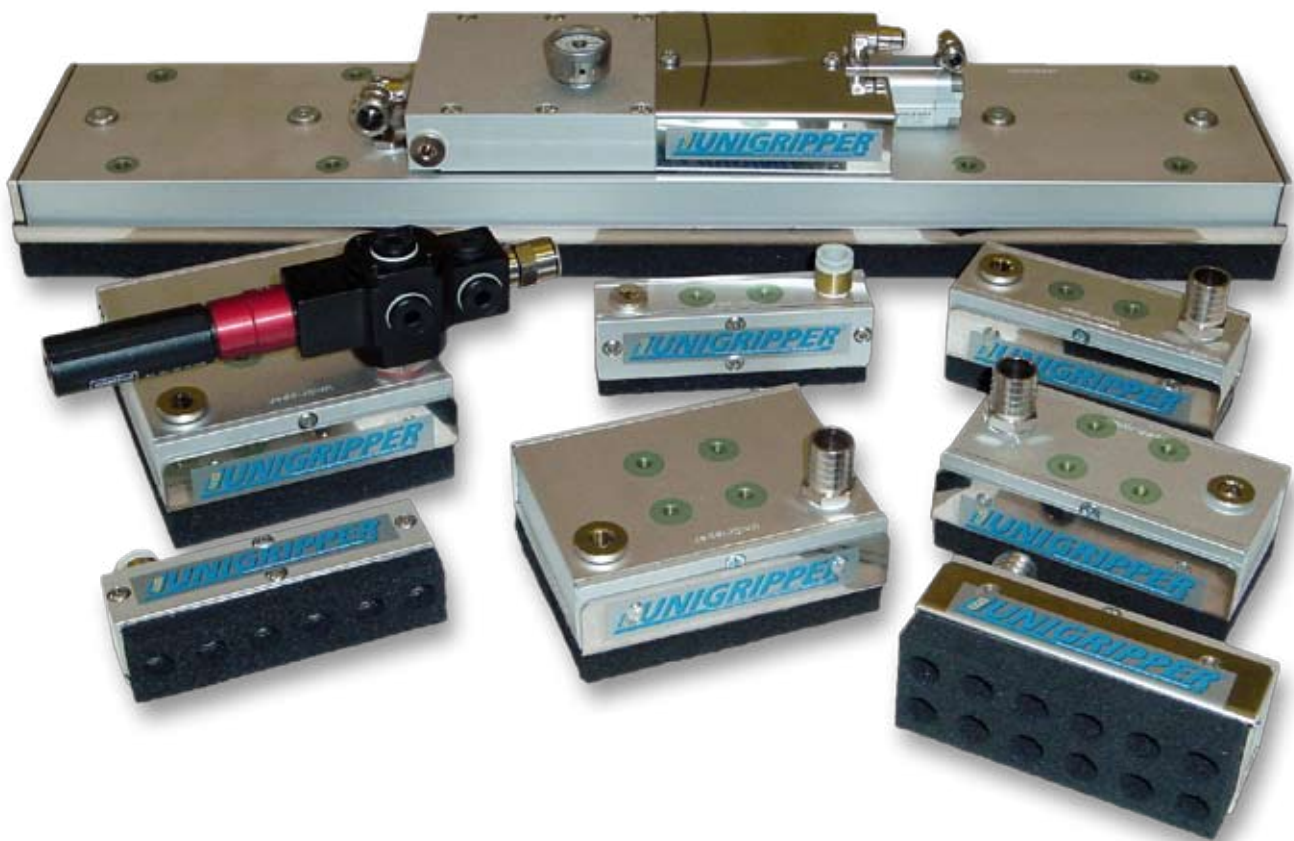
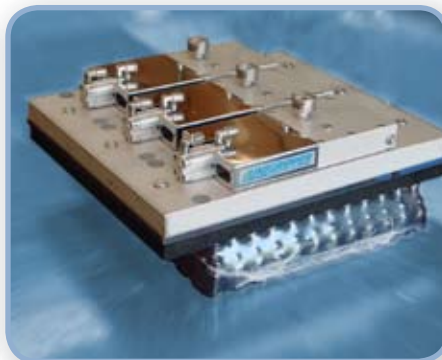


VSP **UNIGRIPPER**

SMS Standard Module System

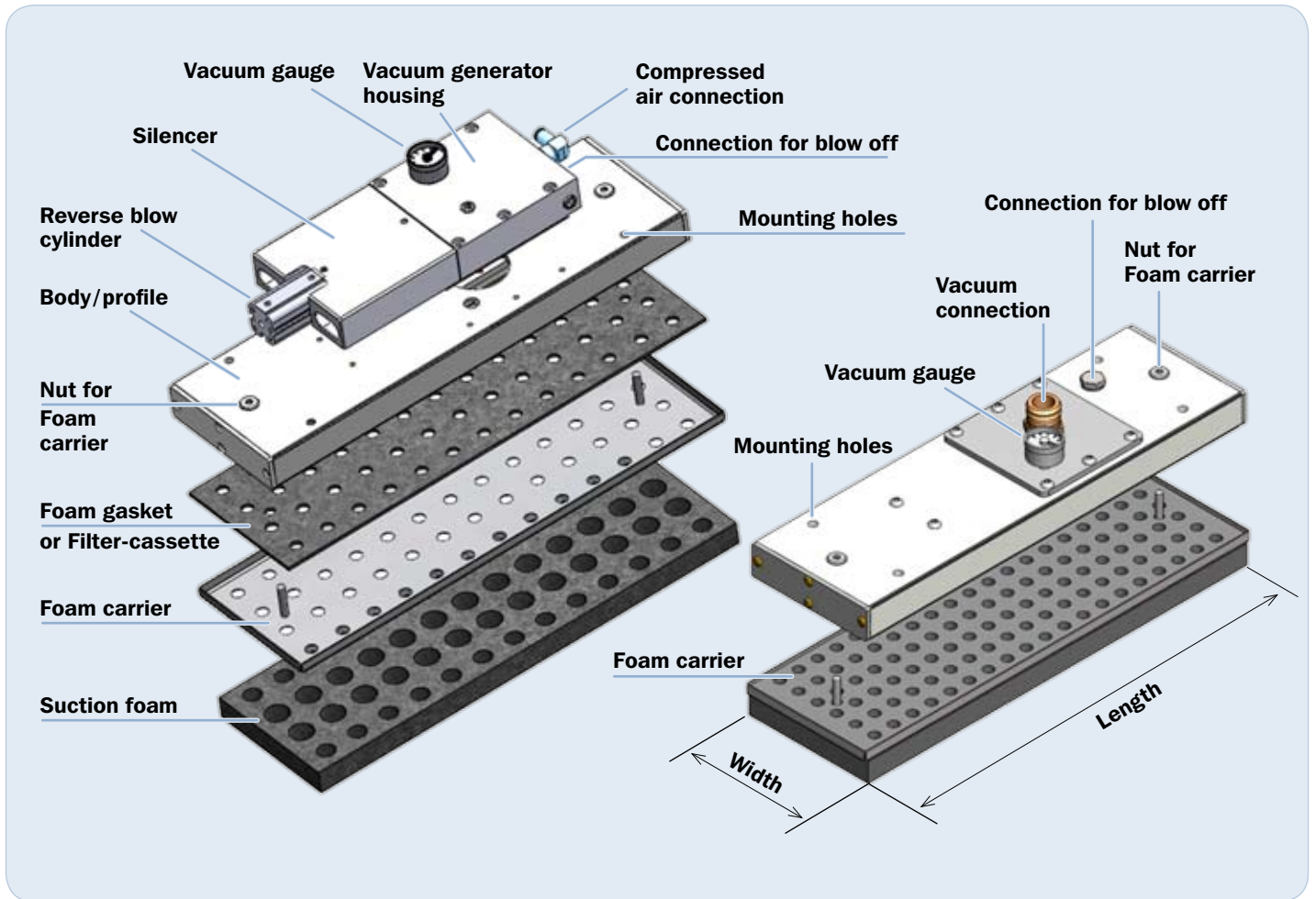


Unigripper SMS - Your new standard!

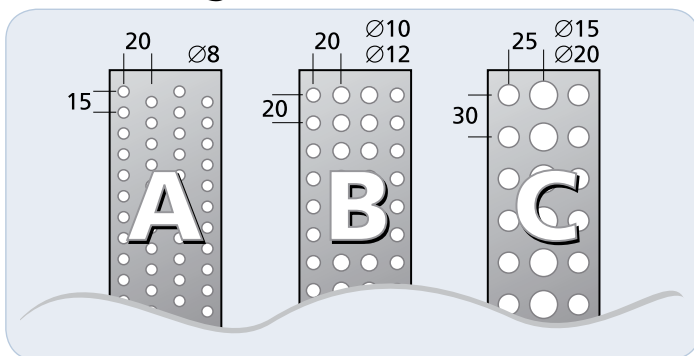


UniGripper SMS – standard vacuum tools!

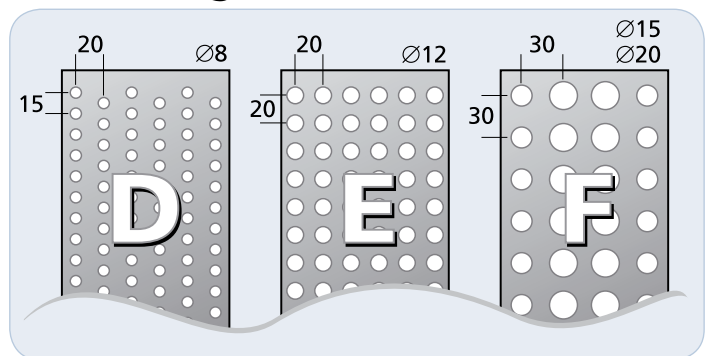
UniGripper SMS, Standard Module System, is a modular tool-system, with UniGrippers patented valve-system, and due to the compact dimensions, very space-efficient. The width of the standard module is 80 or 120 mm and can easily be increased to double, triple etc. Standard-lengths available with short delivery-time, and customised lengths up to 6000 mm can be supplied.



Foam design SMS 80



Foam design SMS 120



Wood handling



Special-tool with 4 SMS-grippers for bread-handling



SMS with suction-cups

UniGripper SMS 80

SMS 80 Type no.	Width mm	Length* mm	Foam design	Integrated ejector	Reverse blow	Weight kg	Mounting holes	Lifting capacity (N)**		Air *** consumption	
								40% vacuum	80% vacuum	@ 6 bar NL/min	@ 87 psi cfm
80/400/15.20/20-ER	86	406	A	yes	yes	2,4	4 x M8	200	400	315	11,0
80/400/20/20-ER	86	406	B	yes	yes	2,4	4 x M8	291	582	315	11,0
80/400/25.30/20-ER	86	406	C	yes	yes	2,4	4 x M8	344	688	210	7,4
80/600/15.20/20-ER	86	606	A	yes	yes	4,2	8 x M8	304	608	630	22,1
80/600/20/20-ER	86	606	B	yes	yes	3,5	8 x M8	444	888	315	11,0
80/600/25.30/20-ER	86	606	C	yes	yes	3,5	8 x M8	503	1006	210	7,4
80/800/15.20/20-ER	86	806	A	yes	yes	5,1	8 x M8	412	824	630	22,1
80/800/20/20-ER	86	806	B	yes	yes	5,1	8 x M8	597	1194	420	14,7
80/800/25.30/20-ER	86	806	C	yes	yes	4,7	8 x M8	662	1324	315	11,0
80/1000/15.20/20-ER	86	1006	A	yes	yes	6,1	8 x M8	512	1024	945	33,0
80/1000/20/20-ER	86	1006	B	yes	yes	5,5	8 x M8	751	1502	630	22,1
80/1000/25.30/20-ER	86	1006	C	yes	yes	4,8	8 x M8	874	1748	315	11,0
80/1200/15.20/20-ER	86	1206	A	yes	yes	7,8	12 x M8	616	1232	945	33,0
80/1200/20/20-ER	86	1206	B	yes	yes	7,8	12 x M8	903	1806	735	25,7
80/1200/25.30/20-ER	86	1206	C	yes	yes	6,5	12 x M8	1036	2072	420	14,7

UniGripper SMS 120

SMS 120 Type no.	Width mm	Length* mm	Foam design	Integrated ejector	Reverse blow	Weight kg	Mounting holes	Lifting capacity (N)**		Air *** consumption	
								40% vacuum	80% vacuum	@ 6 bar NL/min	@ 87 psi cfm
120/30/20/10	122	30	E	external	external	0,2	2 x M6	27	54	–	–
120/45/20/15	122	49	E	external	external	0,35	2 x M6	54	108	–	–
120/60/15.20/15	122	64	D	external	external	0,45	4 x M6	36	72	–	–
120/60/20/15	122	64	E	external	external	0,45	4 x M6	54	108	–	–
120/90/15.20/15	122	94	D	external	external	0,6	4 x M6	72	144	–	–
120/90/20/15	122	94	E	external	external	0,6	4 x M6	108	216	–	–
120/120/15.20/15	122	124	D	external	external	0,75	4 x M6	139	278	210	7,4
120/120/20/15	122	124	E	external	external	0,75	4 x M6	135	270	105	3,7
120/200/15.20/20	122	206	D	external	external	1,3	4 x M8	112	224	210	7,4
120/200/20/20	126	206	E	external	external	1,3	4 x M8	189	378	210	7,4
120/200/30/20	126	206	F	external	external	1,3	4 x M8	231	462	105	3,7
120/300/15.20/20-ER	126	306	D	yes	yes	3,0	4 x M8	217	434	420	14,7
120/300/20/20-ER	126	306	E	yes	yes	3,0	4 x M8	380	760	315	11,0
120/300/30/20-ER	126	306	F	yes	yes	2,9	4 x M8	370	740	210	7,4
120/400/15.20/20-ER	126	406	D	yes	yes	3,5	4 x M8	300	600	420	14,7
120/400/20/20-ER	126	406	E	yes	yes	3,5	4 x M8	510	1020	420	14,7
120/400/30/20-ER	126	406	F	yes	yes	3,4	4 x M8	500	1000	210	7,4
120/600/15.20/20-ER	126	606	D	yes	yes	5,6	8 x M8	456	912	735	25,7
120/600/20/20-ER	126	606	E	yes	yes	4,6	8 x M8	785	1570	420	14,7
120/600/30/20-ER	126	606	F	yes	yes	4,5	8 x M8	730	1460	315	11,0
120/800/15.20/20-ER	126	806	D	yes	yes	6,8	8 x M8	618	1236	840	29,4
120/800/20/20-ER	126	806	E	yes	yes	6,8	8 x M8	1050	2100	840	29,4
120/800/30/20-ER	126	806	F	yes	yes	6,0	8 x M8	982	1964	420	14,7
120/1000/15.20/20-ER	126	1006	D	yes	yes	7,8	8 x M8	768	1536	840	29,4
120/1000/20/20-ER	126	1006	E	yes	yes	7,8	8 x M8	1320	2640	840	29,4
120/1000/30/20-ER	126	1006	F	yes	yes	6,9	8 x M8	1296	2592	420	14,7
120/1200/15.20/20-ER	126	1206	D	yes	yes	11	12 x M8	930	1860	1680	58,8
120/1200/20/20-ER	126	1206	E	yes	yes	10	12 x M8	1590	3180	1260	44,1
120/1200/30/20-ER	126	1206	F	yes	yes	9	12 x M8	1500	3000	840	29,4

* Customised lengths up to 6000 mm can be supplied. ** Lifting force calculated with suction area full covered with a none porous material.

*** Valid for 100 % gripping-time. In reality the air-consumption is lower.

Subject to change without prior notification, due to continuous product development.

UniGripper SMS

The Standard Module System (SMS) are available in standard-lengths of 30 mm to 1200 mm, and can also be produced in customised lengths up to 6000 mm. SMS are also available with different valve-pitch configurations to suit different product-sizes. Standard Module System (SMS), is supplied either with integrated vacuum generators, or for connection to an external power supply. SMS is equipped with quick exchangeable Foam carrier, vacuum-indicator and connection for external reverse-blow.

The Vacuum generators (LP30-LP240) of the UniGrippers could easily be power-optimised for your system. This is due to the intelligent design with exchangeable Venturi-units. Reverse blow function is standard on all vacuum generators. On request a simpler version can be offered without reverse blow cylinder. For external power supply the SMS-grippers are supplied with hose-connections.

UniGripper can also offer a wide range of options like Floating Attachments/ Compliant, Robot-adapters, Frame-systems etc. We will also be happy to help you with any special design you need for your project.

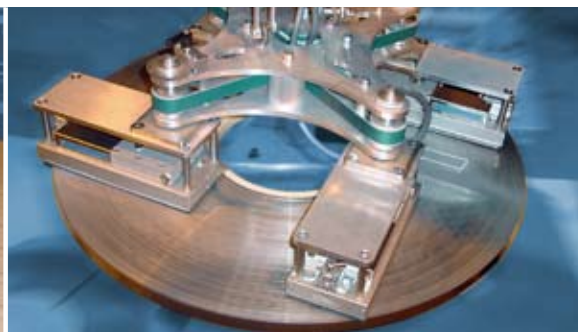
How to analyse the type no. characteristics

SMS 120/600/20/20-ER

R – Reverse blow cylinder
E – Width Vacuum generator
20 mm suction foam
C/C 20 mm between valves
Length 600 mm
Width 120 mm
Standard Module System



Profiled boards

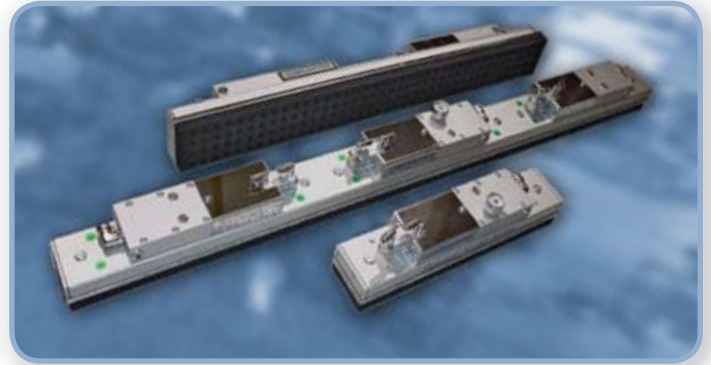


4 SMS-grippers, with adjustable positions



Kitchen furniture parts

UniGripper SMS – standard with a lot of possibilities



A wide range of SMS-tools are available as standard



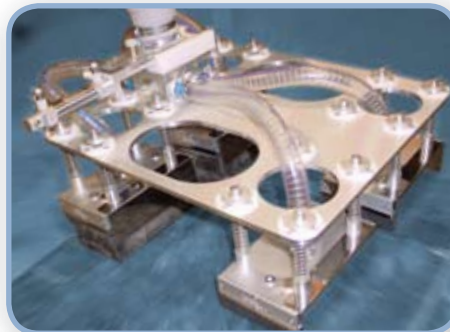
SMS 80/400/20/20-ER equipped with Floating Attachment and Robot Mounting-plate



The SMS can easily be increased to double, triple etc.



Option: electric and pneumatic dress-up



Special-tool with 4 SMS-grippers and external power supply



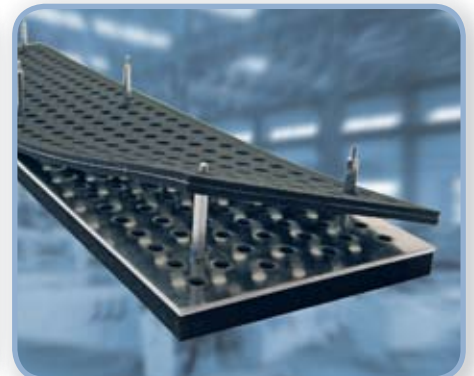
SMS 120/120/20/20 with integrated Vacuum generator power-supply



Spring-loaded Floating Attachment/ compliant with Sensor brackets



Rotary Joint for vacuum-connection

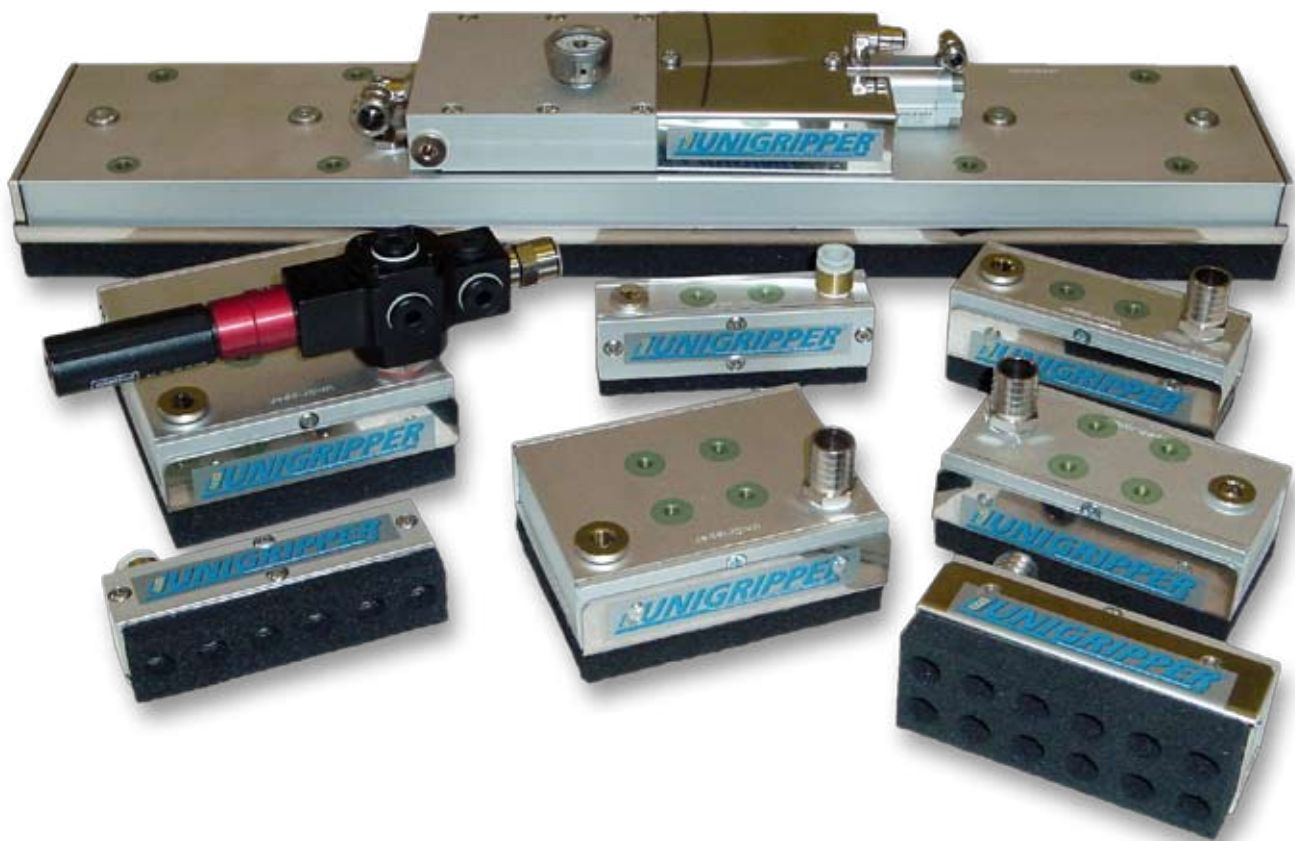


Filter-cassette

Dealer:

VSP **UNIGRIPPER**

SMS Standard Module System



Unigripper SMS - Your new standard!

