Sponge aspirator GP

Sponge selection

example: GP 130 - 1000 V - 3 F 20 - A

① Suction width

explain
130mm

Note: the width of this series of products is the standard specification.

② Suction length

code	length	notes	code	length	notes
262	262mm	It can be equipped with three rows of holes or five rows of holes	295	295mm	It can be equipped with four rows of holes
316	316mm		434	434mm	
352	352mm		752	752mm	
442	442mm		711	711mm	
550	550mm		849	849mm	
640	640mm		988	988mm	
712	712mm		1126	1126mm	
838	838mm		1265	1265mm	
910	910mm		1403	1403mm	
1000	1000mm		1542	1542mm	
1234	1234mm		-	-	
1432	1432mm		-	-	
1612	1612mm		-	-	
2206	2206mm		-	-	
2422	2422mm		-	-	

Note: length can be customized according to customer requirements

③ Valve specification

code	explain	notes
L	throttle valve	Special aperture change to reduce leakage
V	Check valve	With a spherical structure, can ensure that when not adsorbed to the workpiece, reduce leakage, maintain a high vacuum.
S	High speed valve	The vacuum response is quick, and can be customized according to customer demand

④ Number and specification of suction

code	explain	notes
3	3Row	SpongeThe hole is oval
4	4Row	SpongeThe hole is round
5	5Row	SpongeThe hole is oval

⑤ Suction type

code	explain
F	Sponge
S	Vacuum sucker

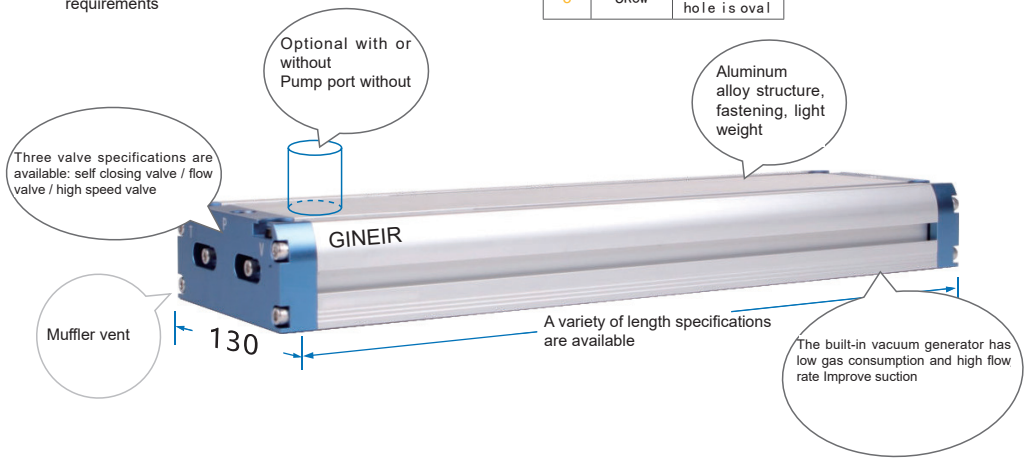
⑥ Sponge Thickness or diameter of suction cup

code	explain	notes
20	20mm	-
30	30mm	-
40	40mm	-
10F10	10mm	Belt filter
15F15	15mm	Belt filter

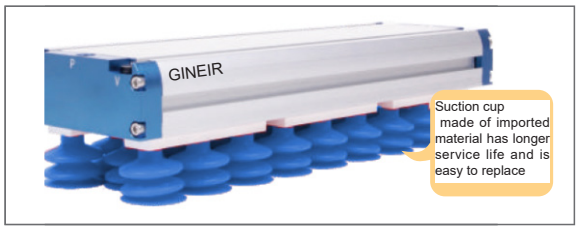
notes: The diameter of sucker is 20 or 40, and the thickness of sponge is 10, 15, 20 or 30mm。

⑦ Selection of vacuum source

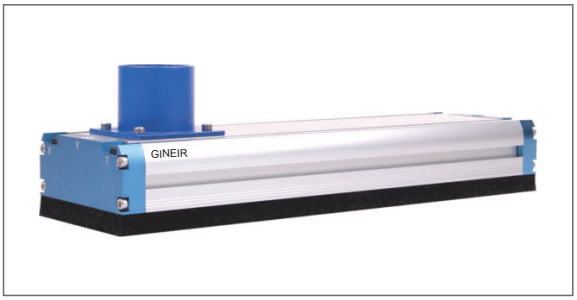
code	explain
A	Built in vacuum generator
E	External vacuum fan pump



Vacuum aspirator + sponge (with built-in vacuum generator)



Suction cup made of imported material has longer service life and is easy to replace



Vacuum suction + sponge (external fan pump)

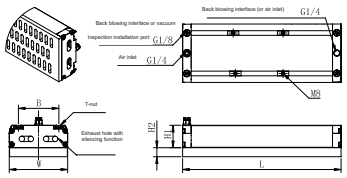
Vacuum suction + suction cup (external fan pump)

Sponge aspirator

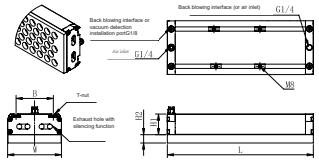
Sponge aspirator GP -Built in vacuum generator-Sponge

■ A -External dimension drawing and technical parameters of built-in vacuum generator

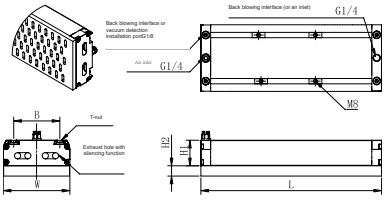
3F: three row oval adsorption pore



4f: five row round adsorption pore



5F: five row oval adsorption pore



unit: mm

model	size										technical parameter					
	Sponge Hole type	W	L	L2	H1	H2(Sponge thickness)			B	Number of suction holes	Gas consumption L/min	vacuum degree Kpa	Vacuum flow rate L/min	suction N	Air supply pressure bar	weight Kg
GP-130-262V-3F-□-A	3F: Three row oval adsorption pore	130	262	278	50	10	15	20	90	36	200	55	700	360	4~6	2.5
GP-130-316V-3F-□-A		130	316	404	50	10	15	20	90	45	200	55	700	450	4~6	2.7
GP-130-352V-3F-□-A		130	352	492	50	10	15	20	90	51	200	55	700	510	4~6	2.9
GP-130-442V-3F-□-A		130	442	602	50	10	15	20	90	66	200	55	700	661	4~6	3.3
GP-130-550V-3F-□-A		130	550	800	50	10	15	20	90	84	300	55	1050	841	4~6	3.7
GP-130-640V-3F-□-A		130	640	1196	50	10	15	20	90	99	300	55	1050	991	4~6	4.1
GP-130-712V-3F-□-A		130	712	1394	50	10	15	20	90	111	400	55	1400	1111	4~6	4.5
GP-130-838V-3F-□-A		130	838	278	50	10	15	20	90	132	400	55	1400	1321	4~6	5.1
GP-130-910V-3F-□-A		130	910	404	50	10	15	20	90	144	500	55	1750	1441	4~6	5.4
GP-130-1000V-3F-□-A		130	1000	492	50	10	15	20	90	159	500	55	1750	1591	4~6	5.7
GP-130-1234V-3F-□-A		130	1234	602	50	10	15	20	90	198	600	55	2100	1982	4~6	7.3
GP-130-1432V-3F-□-A		130	1432	800	50	10	15	20	90	231	700	55	2450	2312	4~6	8.6
GP-130-1612V-3F-□-A		130	1612	1196	50	10	15	20	90	261	800	55	2800	2612	4~6	9.4
GP-130-2206V-3F-□-A		130	2206	1394	50	10	15	20	90	360	800	55	2800	3603	4~6	12.2
GP-130-2422V-3F-□-A		130	2422	278	50	10	15	20	90	396	800	55	2800	3964	4~6	13.2

model	size										technical parameter					
	Sponge Hole type	W	L	L2	H1	H2(Sponge thickness)			B	Number of suction holes	Gas consumption L/min	vacuum degree Kpa	Vacuum flow rate L/min	suction N	Air supply pressure bar	weight Kg
GP-130-295V-4F-□-A	4F: Five row round adsorption hole	130	295	278	50	10	15	20	90	53	200	55	700	586	4~6	2.6
GP-130-434V-4F-□-A		130	434	404	50	10	15	20	90	83	300	55	1050	918	4~6	3.3
GP-130-572V-4F-□-A		130	572	492	50	10	15	20	90	113	400	55	1400	1250	4~6	3.8
GP-130-711V-4F-□-A		130	711	602	50	10	15	20	90	143	500	55	1750	1581	4~6	4.5
GP-130-849V-4F-□-A		130	849	800	50	10	15	20	90	173	600	55	2100	1913	4~6	5.2
GP-130-988V-4F-□-A		130	988	1196	50	10	15	20	90	203	700	55	2450	2245	4~6	5.6
GP-130-1126V-4F-□-A		130	1126	1394	50	10	15	20	90	233	800	55	2800	2577	4~6	7.0
GP-130-1265V-4F-□-A		130	1265	278	50	10	15	20	90	263	800	55	2800	2908	4~6	7.4
GP-130-1403V-4F-□-A		130	1403	404	50	10	15	20	90	293	800	55	2800	3240	4~6	8.5
GP-130-1542V-4F-□-A		130	1542	492	50	10	15	20	90	323	800	55	2800	3572	4~6	9.1

model	size										technical parameter					
	Sponge Hole type	W	L	L2	H1	H2(Sponge thickness)			B	Number of suction holes	Gas consumption L/min	vacuum degree Kpa	Vacuum flow rate L/min	suction N	Air supply pressure bar	weight Kg
GP-130-262V-5F-□-A	5F: Five row oval adsorption pore	130	262	278	50	10	15	20	90	60	200	55	700	263	4~6	2.5
GP-130-316V-5F-□-A		130	316	404	50	10	15	20	90	75	300	55	1050	328	4~6	2.7
GP-130-352V-5F-□-A		130	352	492	50	10	15	20	90	85	300	55	1050	372	4~6	2.9
GP-130-442V-5F-□-A		130	442	602	50	10	15	20	90	110	400	55	1400	482	4~6	3.3
GP-130-550V-5F-□-A		130	550	800	50	10	15	20	90	140	500	55	1750	613	4~6	3.7
GP-130-640V-5F-□-A		130	640	1196	50	10	15	20	90	165	500	55	1750	723	4~6	4.1
GP-130-712V-5F-□-A		130	712	1394	50	10	15	20	90	185	600	55	2100	810	4~6	4.5
GP-130-838V-5F-□-A		130	838	278	50	10	15	20	90	220	700	55	2450	964	4~6	5.1
GP-130-910V-5F-□-A		130	910	404	50	10	15	20	90	245	800	55	2800	1073	4~6	5.4
GP-130-1000V-5F-□-A		130	1000	492	50	10	15	20	90	265	800	55	2800	1161	4~6	5.7
GP-130-1234V-5F-□-A		130	1234	602	50	10	15	20	90	330	800	55	2800	1445	4~6	7.3
GP-130-1432V-5F-□-A		130	1432	800	50	10	15	20	90	385	800	55	2800	1686	4~6	8.6

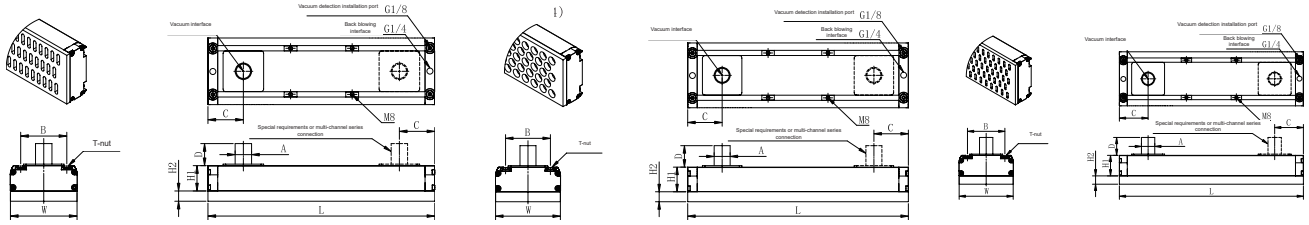
notes:□“ ” Fill inSponge thickness。

Ordering example | GP-130-910V-5F-20-A

Sponge aspirator GP -External vacuum generator-Sponge

■ E -Outline drawing and technical parameters of external vacuum fan pump

3F： Three row hole　　4F： Four row holes　　5F： Five row holes



unit: mm

model	size												technical parameter			
	Sponge Hole type	W	L	A Outer diameter (inner diameter)	B	C	D	H1	H2 (Sponge thickness)			Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	weight Kg
GP-130-262V-3F-□-E	3F: Three row oval adsorption pore	130	262	60(32)	90	69	54	50	10	15	20	36	110	30	197	2.2
GP-130-316V-3F-□-E		130	316	60(32)	90	69	54	50	10	15	20	45	150	30	246	2.4
GP-130-352V-3F-□-E		130	352	60(32)	90	69	54	50	10	15	20	51	220	30	278	2.6
GP-130-442V-3F-□-E		130	442	60(32)	90	69	54	50	10	15	20	66	300	30	360	3.0
GP-130-550V-3F-□-E		130	550	60(32)	90	69	54	50	10	15	20	84	390	30	459	3.4
GP-130-640V-3F-□-E		130	640	60(32)	90	69	54	50	10	15	20	99	450	30	540	3.8
GP-130-712V-3F-□-E		130	712	60(32)	90	69	54	50	10	15	20	111	510	30	606	4.2
GP-130-838V-3F-□-E		130	838	60(32)	90	69	54	50	10	15	20	132	600	30	721	4.8
GP-130-910V-3F-□-E		130	910	60(32)	90	69	54	50	10	15	20	144	680	30	786	4.9
GP-130-1000V-3F-□-E		130	1000	60(32)	90	69	54	50	10	15	20	159	750	30	868	5.2
GP-130-1234V-3F-□-E		130	1234	60(32)	90	69	54	50	10	15	20	198	900	30	1081	6.8
GP-130-1432V-3F-□-E		130	1432	60(32)	90	69	54	50	10	15	20	231	1050	30	1261	8.1
GP-130-1612V-3F-□-E		130	1612	60(32)	90	69	54	50	10	15	20	261	1250	30	1425	9.8
GP-130-2206V-3F-□-E		130	2206	60(32)	90	69	54	50	10	15	20	360	1600	30	1965	11.7
GP-130-2422V-3F-□-E		130	2422	60(32)	90	69	54	50	10	15	20	396	1800	30	2162	12.7

model	size												technical parameter			
	Sponge Hole type	W	L	A Outer diameter (inner diameter)	B	C	D	H1	H2 (Sponge thickness)			Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	weight Kg
GP-130-295V-4F-□-E	4F: Five row circular adsorption pores	130	295	60(32)	90	69	54	50	10	15	20	53	150	30	320	2.3
GP-130-434V-4F-□-E		130	434	60(32)	90	69	54	50	10	15	20	83	300	30	501	3.0
GP-130-572V-4F-□-E		130	572	60(32)	90	69	54	50	10	15	20	113	400	30	682	3.5
GP-130-711V-4F-□-E		130	711	60(32)	90	69	54	50	10	15	20	143	510	30	863	4.2
GP-130-849V-4F-□-E		130	849	60(32)	90	69	54	50	10	15	20	173	600	30	1044	4.9
GP-130-988V-4F-□-E		130	988	60(32)	90	69	54	50	10	15	20	203	750	30	1224	5.1
GP-130-1126V-4F-□-E		130	1126	60(32)	90	69	54	50	10	15	20	233	850	30	1405	6.6
GP-130-1265V-4F-□-E		130	1265	60(32)	90	69	54	50	10	15	20	263	950	30	1586	7.0
GP-130-1403V-4F-□-E		130	1403	60(32)	90	69	54	50	10	15	20	293	1050	30	1767	7.9
GP-130-1542V-4F-□-E		130	1542	60(32)	90	69	54	50	10	15	20	323	1200	30	1948	8.7

model	size												technical parameter			
	Sponge Hole type	W	L	A Outer diameter (inner diameter)	B	C	D	H1	H2 (Sponge thickness)			Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	weight Kg
GP-130-262V-5F-□-E	5F: Five row oval adsorption pore	130	262	60(32)	90	69	54	50	10	15	20	60	110	30	143	2.2
GP-130-316V-5F-□-E		130	316	60(32)	90	69	54	50	10	15	20	75	150	30	179	2.4
GP-130-352V-5F-□-E		130	352	60(32)	90	69	54	50	10	15	20	85	220	30	203	2.6
GP-130-442V-5F-□-E		130	442	60(32)	90	69	54	50	10	15	20	110	300	30	263	3.0
GP-130-550V-5F-□-E		130	550	60(32)	90	69	54	50	10	15	20	140	390	30	334	3.4
GP-130-640V-5F-□-E		130	640	60(32)	90	69	54	50	10	15	20	165	450	30	394	3.8
GP-130-712V-5F-□-E		130	712	60(32)	90	69	54	50	10	15	20	185	510	30	442	4.2
GP-130-838V-5F-□-E		130	838	60(32)	90	69	54	50	10	15	20	220	600	30	526	4.8
GP-130-910V-5F-□-E		130	910	60(32)	90	69	54	50	10	15	20	245	680	30	585	4.9
GP-130-1000V-5F-□-E		130	1000	60(32)	90	69	54	50	10	15	20	265	750	30	633	5.2
GP-130-1234V-5F-□-E		130	1234	60(32)	90	69	54	50	10	15	20	330	900	30	788	6.8
GP-130-1432V-5F-□-E		130	1432	60(32)	90	69	54	50	10	15	20	385	1050	30	920	8.1

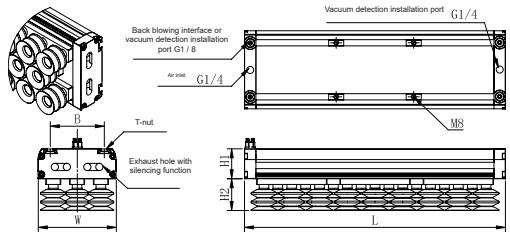
notes:□“ ”Fill in Sponge thickness。

Ordering example | GVGP-130-910V-5F-20-E

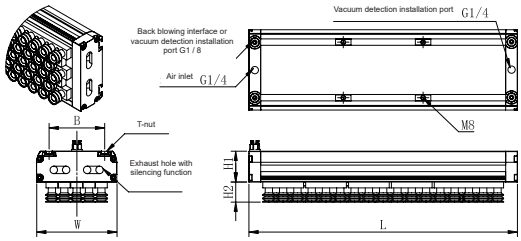
Sponge aspirator GP -Built in vacuum generator-Vacuum sucker

A -Outline drawing and technical parameters of built-in vacuum generator

3F : Three row oval adsorption pores



4F : Five row circular adsorption pores



unit: mm

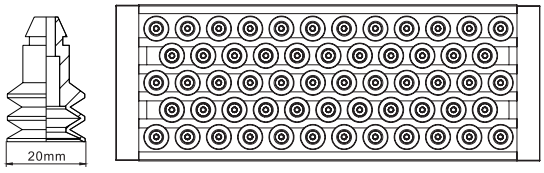
model	size							technical parameter					
	Sponge Hole type	W	L	H1	H2	B	Number of suction holes	Gas consumption L/min	vacuum degree Kpa	Vacuum flow rate L/min	suction N	Air supply pressure bar	weight Kg
GP-130-295-3S40-A	3S: Three row adsorption holes, the diameter of suction cup is 40mm	130	295	50	33	90	17	200	55	700	232	4~6	3.0
GP-130-434V-3S40-A		130	434	50	33	90	26	200	55	700	355	4~6	3.8
GP-130-572V-3S40-A		130	572	50	33	90	35	300	55	1050	478	4~6	4.5
GP-130-711V-3S40-A		130	711	50	33	90	44	300	55	1050	601	4~6	5.3
GP-130-849V-3S40-A		130	849	50	33	90	53	400	55	1400	724	4~6	6.2
GP-130-988V-3S40-A		130	988	50	33	90	62	400	55	1400	847	4~6	7.2
GP-130-1126V-3S40-A		130	1126	50	33	90	71	600	55	2100	970	4~6	8.1
GP-130-1265V-3S40-A		130	1265	50	33	90	80	600	55	2100	1093	4~6	8.9
GP-130-1403V-3S40-A		130	1403	50	33	90	89	800	55	2800	1216	4~6	9.7
GP-130-1542V-3S40-A		130	1542	50	33	90	98	800	55	2800	1339	4~6	10.5

model	size							technical parameter					
	Sponge Hole type	W	L	H1	H2	B	Number of suction holes	Gas consumption L/min	vacuum degree Kpa	Vacuum flow rate L/min	suction N	Air supply pressure bar	weight Kg
GP-130-295-5S20-A	5S: Three row adsorption holes, the diameter of suction cup is 40mm	130	295	50	33	90	53	200	55	700	253	4~6	3.0
GP-130-434V-5S20-A		130	434	50	33	90	83	200	55	700	396	4~6	3.8
GP-130-572V-5S20-A		130	572	50	33	90	113	300	55	1050	539	4~6	4.5
GP-130-711V-5S20-A		130	711	50	33	90	143	300	55	1050	682	4~6	5.3
GP-130-849V-5S20-A		130	849	50	33	90	173	400	55	1400	825	4~6	6.2
GP-130-988V-5S20-A		130	988	50	33	90	203	400	55	1400	968	4~6	7.2
GP-130-1126V-5S20-A		130	1126	50	33	90	233	600	55	2100	1111	4~6	8.1
GP-130-1265V-5S20-A		130	1265	50	33	90	263	600	55	2100	1254	4~6	8.9
GP-130-1403V-5S20-A		130	1403	50	33	90	293	800	55	2800	1397	4~6	9.7
GP-130-1542V-5S20-A		130	1542	50	33	90	323	800	55	2800	1540	4~6	10.5

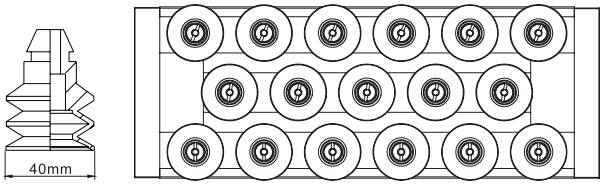
Ordering example | GP-130-910V-5S-20-A

Accessories selection

PS-20
(for five row holes)



PS-40
(used with three row holes)

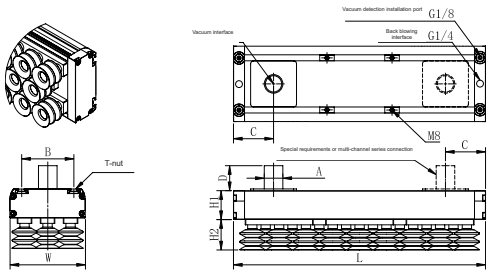


carton | bottle | Metal | semiconductor | Glass | jar | bucket | Plastic packaging

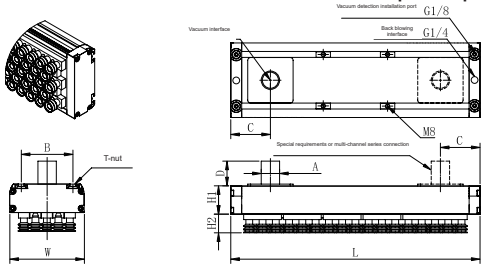
Sponge aspirator GP -External vacuum generator-Vacuum sucker

E -Outline drawing and technical parameters of external vacuum fan pump

3F: three row oval adsorption pore



4f: five row round adsorption pore



unit: mm

model	size									technical parameter			
	Sponge Hole type	W	L	A Outer diameter (inner diameter)	B	C	D	H1	H2	Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	weight Kg
GP-130-295V-3S-40-E	3S: The diameter of suction cup is 40mm	130	295	60(32)	90	69	54	50	53	17	150	30	127	2.8
GP-130-434V-3S-40-E		130	434	60(32)	90	69	54	50	53	26	300	30	194	3.6
GP-130-572V-3S-40-E		130	572	60(32)	90	69	54	50	53	35	400	30	261	4.3
GP-130-711V-3S-40-E		130	711	60(32)	90	69	54	50	53	44	510	30	328	5.1
GP-130-849V-3S-40-E		130	849	60(32)	90	69	54	50	53	53	600	30	395	9.0
GP-130-988V-3S-40-E		130	988	60(32)	90	69	54	50	53	62	750	30	462	7.0
GP-130-1126V-3S-40-E		130	1126	60(32)	90	69	54	50	53	71	850	30	529	7.7
GP-130-1265V-3S-40-E		130	1265	60(32)	90	69	54	50	53	80	950	30	596	8.5
GP-130-1403V-3S-40-E		130	1403	60(32)	90	69	54	50	53	89	1050	30	663	9.3
GP-130-1542V-3S-40-E		130	1542	60(32)	90	69	54	50	53	98	1200	30	730	10.1

model	size									technical parameter			
	Sponge Hole type	W	L	A Outer diameter (inner diameter)	B	C	D	H1	H2	Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	weight Kg
GP-130-295V-5S-40-E	5S: Five row round adsorption hole, the diameter of suction cup is 20 mm	130	295	60(32)	90	69	54	50	53	53	150	30	138	2.8
GP-130-434V-5S-40-E		130	434	60(32)	90	69	54	50	53	83	300	30	216	3.6
GP-130-572V-5S-40-E		130	572	60(32)	90	69	54	50	53	113	400	30	294	4.3
GP-130-711V-5S-40-E		130	711	60(32)	90	69	54	50	53	143	510	30	372	5.1
GP-130-849V-5S-40-E		130	849	60(32)	90	69	54	50	53	173	600	30	450	9.0
GP-130-988V-5S-40-E		130	988	60(32)	90	69	54	50	53	203	750	30	528	7.0
GP-130-1126V-5S-40-E		130	1126	60(32)	90	69	54	50	53	233	850	30	606	7.7
GP-130-1265V-5S-40-E		130	1265	60(32)	90	69	54	50	53	263	950	30	684	8.5
GP-130-1403V-5S-40-E		130	1403	60(32)	90	69	54	50	53	293	1050	30	762	9.3
GP-130-1542V-5S-40-E		130	1542	60(32)	90	69	54	50	53	323	1200	30	840	10.1

Ordering example | GP-130-910V-5S-20-A

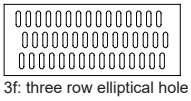
Sponge selection

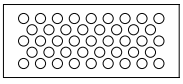
GP 130 - 1000 - 3F 20 - M

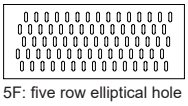
- 130 — width
- 1000 — length
- 3F — Row number of suction holes
  - 3F: 3row elliptical hole
  - 4f: 5row round hole
  - 5F: 5row elliptical hole
  - 1F: 1row elliptical hole

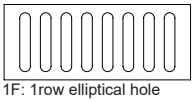
  Notes: 1F is a special product. If you need it, please contact us.
- 20 — Spongethickness
  - 10:10mm
  - 15:15mm
  - 20:20mm
  - 30:30mm

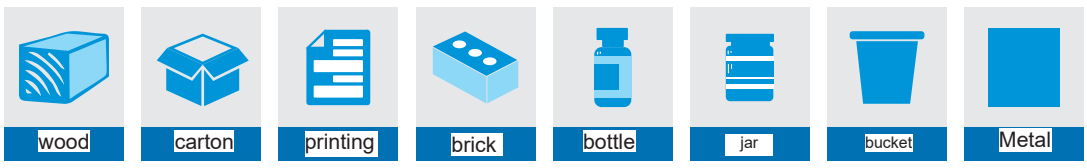
  Notes: 10, 15mm, with filtering device.
- M — Sponge type
  - nothing:Standard type
  - M: Traceless type
  - F:Filter type


3f: three row elliptical hole


4F : Five row round hole


5F: five row elliptical hole


1F: 1row elliptical hole



Sponge aspirator GP -External vacuum generator-Vacuum sucker

Sponge selection

example: GP 60 - 1420 V - 1 F 15 - A

① Suction

explain
60mm

notes: The width of this series of products is standard specification.

② Suction

code	length	notes	code	length	notes
320	320mm	It can be equipped with three rows of holes or five rows of holes	308	308mm	It can be
420	420mm		355	355mm	
520	520mm		400	400mm	
620	620mm		470	470mm	
720	720mm		516	516mm	
820	820mm		608	608mm	
920	920mm		701	701mm	
1020	1020mm		816	816mm	
1120	1120mm		909	909mm	
1220	1220mm		1001	1001mm	
1320	1320mm		1117	1117mm	
1420	1420mm		1209	1209mm	
1520	1520mm		1301	1301mm	

notes: Can be customized according to customer needslength

③ Valve specification

code	explain	notes
L	throttle valve	Special aperture change to reduce leakage
V	Check valve	With a spherical structure, can ensure that when not adsorbed to the workpiece, reduce leakage, maintain a high vacuum.
S	High speed valve	The vacuum response is quick, and can be customized according to customer demand

④ Number and specification of suction

code	explain
3	PB03(PX03)
5	PB05
notes: Please refer to the attachment for details。	

⑤ Suction type

code	explain
F	Sponge
S	Vacuum sucker

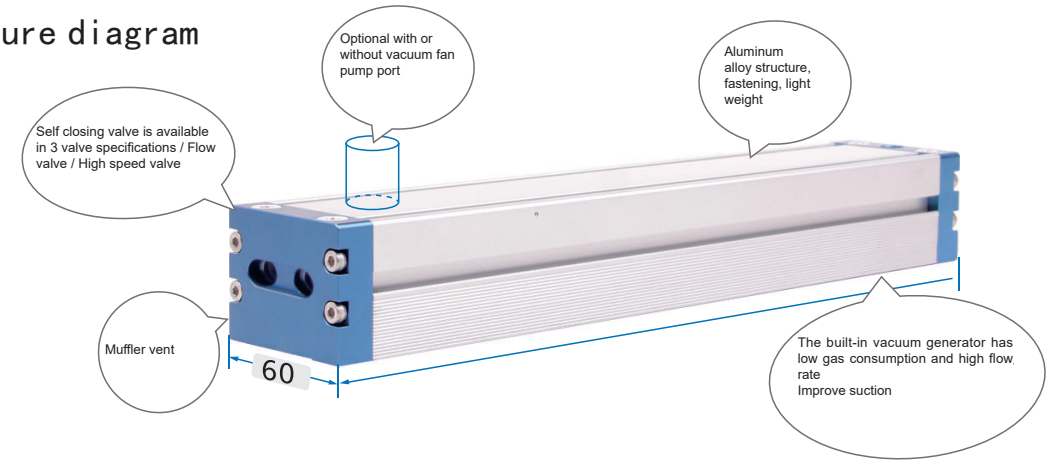
⑥ SpongeThickness or suction cup diameter

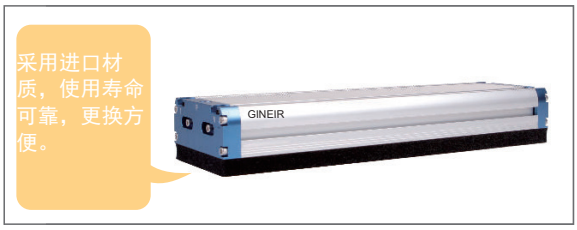
code	explain	notes
15	20mm	-
15F	30mm	With no trace

⑦ Selection of vacuum source

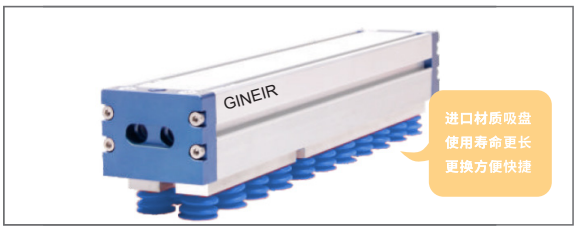
code	explain
A	Built in vacuum generator
E	External vacuum fan pump

Structure diagram

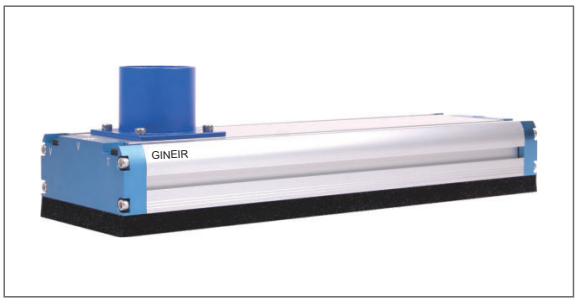




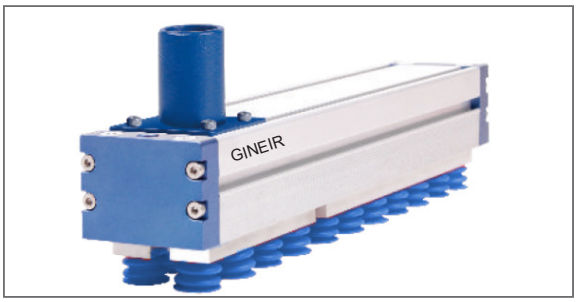
Vacuum aspirator + sponge (with built-in vacuum generator)



Vacuum aspirator + suction cup (with built-in vacuum generator)



Vacuum suction + sponge (external fan pump)

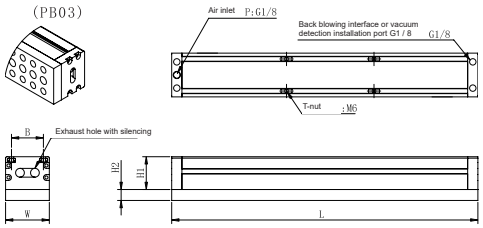


Vacuum suction + suction cup (external fan pump)

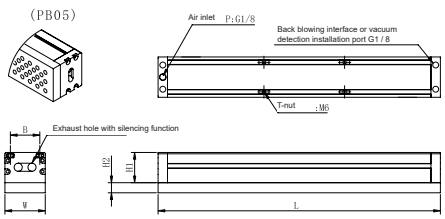
Sponge aspirator GP -Built in vacuum generator-Sponge

A-Outline drawing and technical parameters of built-in vacuum generator

PB03 : Three row circular adsorption pore



Pb05: five row round adsorption pore



unit: mm

model	size								technical parameter					
	Sponge Hole type	W	L	H1	H2(Sponge thickness)			B	Number of suction holes	Gas consumption L/min	vacuum degree Kpa	Vacuum flow rate L/min	suction N	Air supply pressure bar	weight Kg
GP-60-320V-3F-□-A	PB03: Three row circular adsorption pore	60	320	45	10	15	20	44	45	200	55	700	223	4~5	1.4
GP-60-420V-3F-□-A		60	420	45	10	15	20	44	60	200	55	700	297	4~5	1.6
GP-60-520V-3F-□-A		60	520	45	10	15	20	44	75	200	55	700	371	4~5	1.8
GP-60-620V-3F-□-A		60	620	45	10	15	20	44	90	200	55	700	446	4~5	2.0
GP-60-720V-3F-□-A		60	720	45	10	15	20	44	105	200	55	700	520	4~5	2.3
GP-60-820V-3F-□-A		60	820	45	10	15	20	44	120	400	55	1400	594	4~5	2.5
GP-60-920V-3F-□-A		60	920	45	10	15	20	44	135	400	55	1400	669	4~5	2.7
GP-60-1020V-3F-□-A		60		45	10	15	20	44	150	400	55	1400	743	4~5	3.0
GP-60-1120V-3F-□-A		60		45	10	15	20	44	165	400	55	1400	817	4~5	3.2
GP-60-1220V-3F-□-A		60		45	10	15	20	44	180	400	55	1400	892	4~5	3.4
GP-60-1320V-3F-□-A		60		45	10	15	20	44	195	400	55	1400	966	4~5	3.7
GP-60-1420V-3F-□-A		60		45	10	15	20	44	210	400	55	1400	1040	4~5	3.9
GP-60-1520V-3F-□-A		60		45	10	15	20	44	225	400	55	1400	1140	4~5	4.1

model	size								technical parameter					
	Sponge Hole type	W	L	H1	H2(Sponge thickness)			B	Number of suction holes	Gas consumption L/min	vacuum degree Kpa	Vacuum flow rate L/min	suction N	Air supply pressure bar	weight Kg
GP-60-320V-5F-□-A	PB05: Five row round adsorption hole	60	320	45	10	15	20	44	73	200	55	700	202	4~5	1.4
GP-60-420V-5F-□-A		60	420	45	10	15	20	44	98	200	55	700	271	4~5	1.6
GP-60-520V-5F-□-A		60	520	45	10	15	20	44	123	200	55	700	340	4~5	1.8
GP-60-620V-5F-□-A		60	620	45	10	15	20	44	148	200	55	700	409	4~5	2.0
GP-60-720V-5F-□-A		60	720	45	10	15	20	44	173	400	55	1400	478	4~5	2.3
GP-60-820V-5F-□-A		60	820	45	10	15	20	44	198	400	55	1400	547	4~5	2.5
GP-60-920V-5F-□-A		60	920	45	10	15	20	44	223	400	55	1400	617	4~5	2.7
GP-60-1020V-5F-□-A		60	1020	45	10	15	20	44	248	400	55	1400	686	4~5	3.0
GP-60-1120V-5F-□-A		60	1120	45	10	15	20	44	273	400	55	1400	755	4~5	3.2
GP-60-1220V-5F-□-A		60	1220	45	10	15	20	44	298	400	55	1400	824	4~5	3.4
GP-60-1320V-5F-□-A		60	1320	45	10	15	20	44	323	400	55	1400	893	4~5	3.7
GP-60-1420V-5F-□-A		60	1420	45	10	15	20	44	348	400	55	1400	962	4~5	3.9
GP-60-1520V-5F-□-A		60	1520	45	10	15	20	44	373	400	55	1400	1031	4~5	4.1

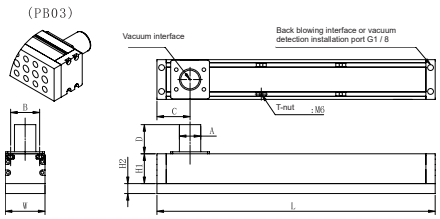
notes: “ ” Fill in Sponge

Ordering example | GP-60-520V-3F-15-A

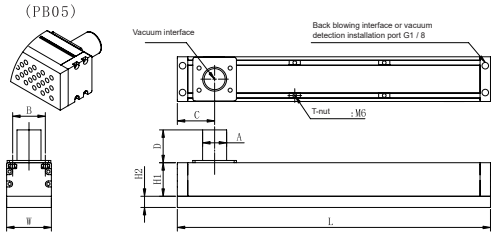
Sponge aspirator GP -Built in vacuum generator-Sponge

E-Outline drawing and technical parameters of external vacuum generator

PB03 : Three row circular adsorption pore



Pb05: five row round adsorption pore



unit: mm

model	size											technical parameter				
	Sponge Hole type	W	L	H1	H2 (sponge thickness)			A	B	C	D	Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	Air supply pressure bar	weight Kg
GP-60-320V-3F-□-E	PB03: Three row circular adsorption pore	60	320	45	10	15	20	60(32)	44	50	44	45	150	30	122	4~5	1.0
GP-60-420V-3F-□-E		60	420	45	10	15	20	60(32)	44	50	44	60	300	30	162	4~5	1.2
GP-60-520V-3F-□-E		60	520	45	10	15	20	60(32)	44	50	44	75	390	30	203	4~5	1.4
GP-60-620V-3F-□-E		60	620	45	10	15	20	60(32)	44	50	44	90	450	30	243	4~5	1.7
GP-60-720V-3F-□-E		60	720	45	10	15	20	60(32)	44	50	44	105	510	30	284	4~5	1.9
GP-60-820V-3F-□-E		60	820	45	10	15	20	60(32)	44	50	44	120	510	30	324	4~5	2.1
GP-60-920V-3F-□-E		60	920	45	10	15	20	60(32)	44	50	44	135	600	30	365	4~5	2.4
GP-60-1020V-3F-□-E		60		45	10	15	20	60(32)	44	50	44	150	750	30	405	4~5	2.6
GP-60-1120V-3F-□-E		60		45	10	15	20	60(32)	44	50	44	165	900	30	446	4~5	2.8
GP-60-1220V-3F-□-E		60		45	10	15	20	60(32)	44	50	44	180	900	30	486	4~5	3.1
GP-60-1320V-3F-□-E		60		45	10	15	20	60(32)	44	50	44	195	900	30	527	4~5	3.3
GP-60-1420V-3F-□-E		60		45	10	15	20	60(32)	44	50	44	210	1050	30	567	4~5	3.5
GP-60-1520V-3F-□-E		60		45	10	15	20	60(32)	44	50	44	225	1250	30	608	4~5	3.7

model	size											technical parameter				
	Sponge Hole type	W	L	H1	H2 (sponge thickness)			A	B	C	D	Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	Air supply pressure bar	weight Kg
GP-60-320V-5F-□-E	PB05: Five row circular adsorption pores	60	320	45	10	15	20	60(32)	44	50	44	73	150	30	110	4~5	1.0
GP-60-420V-5F-□-E		60	420	45	10	15	20	60(32)	44	50	44	98	300	30	148	4~5	1.2
GP-60-520V-5F-□-E		60	520	45	10	15	20	60(32)	44	50	44	123	390	30	185	4~5	1.4
GP-60-620V-5F-□-E		60	620	45	10	15	20	60(32)	44	50	44	148	450	30	223	4~5	1.7
GP-60-720V-5F-□-E		60	720	45	10	15	20	60(32)	44	50	44	173	510	30	261	4~5	1.9
GP-60-820V-5F-□-E		60	820	45	10	15	20	60(32)	44	50	44	198	510	30	299	4~5	2.1
GP-60-920V-5F-□-E		60	920	45	10	15	20	60(32)	44	50	44	223	600	30	336	4~5	2.4
GP-60-1020V-5F-□-E		60	1020	45	10	15	20	60(32)	44	50	44	248	750	30	374	4~5	2.6
GP-60-1120V-5F-□-E		60	1120	45	10	15	20	60(32)	44	50	44	273	900	30	412	4~5	2.8
GP-60-1220V-5F-□-E		60	1220	45	10	15	20	60(32)	44	50	44	298	900	30	449	4~5	3.1
GP-60-1320V-5F-□-E		60	1320	45	10	15	20	60(32)	44	50	44	323	900	30	487	4~5	3.3
GP-60-1420V-5F-□-E		60	1420	45	10	15	20	60(32)	44	50	44	348	1050	30	525	4~5	3.5
GP-60-1520V-5F-□-E		60	1520	45	10	15	20	60(32)	44	50	44	373	1250	30	562	4~5	3.7

notes: “ ” Fill in the thickness of sponge.

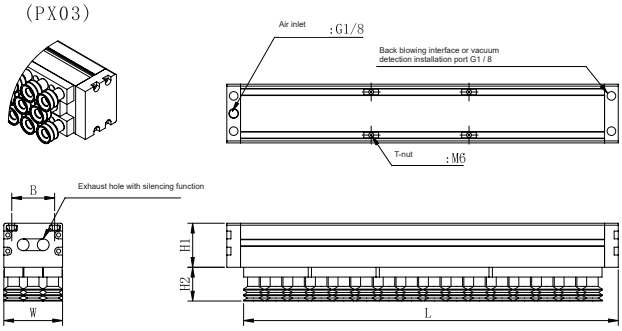
Ordering example | GP-60-520V-3F-15-E

Sponge aspirator GP -Vacuum sucker

A-Outline drawing and technical parameters of built-in vacuum generator

PX03 : Three row adsorption pore

(PX03)



unit: mm

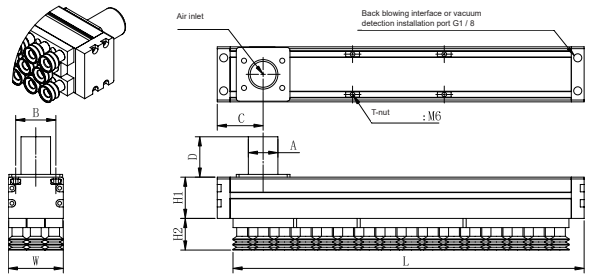
model	size							technical parameter					
	Sponge Hole type	W	L	B	H1	H2	Number of suction holes	Gas consumption L/min	Air supply pressure bar	Vacuum flow rate L/min	vacuum degree Kpa	suction N	weight Kg
GP-60-308V-3S20-A	PX03: The diameter of suction cup is 20 mm	60	308	44	45	35	35	200	4~5	700	30	151	1.4
GP-60-355V-3S20-A		60	355	44	45	35	41	200	4~5	700	30	177	1.5
GP-60-400V-3S20-A		60	400	44	45	35	47	200	4~5	700	30	202	1.6
GP-60-470V-3S20-A		60	470	44	45	35	56	200	4~5	700	30	241	1.8
GP-60-516V-3S20-A		60	516	44	45	35	62	200	4~5	700	30	267	1.9
GP-60-608V-3S20-A		60	608	44	45	35	74	200	4~5	700	30	319	2.2
GP-60-701V-3S20-A		60	701	44	45	35	86	200	4~5	700	30	371	2.4
GP-60-816V-3S20-A		60	816	44	45	35	101	400	4~5	1400	30	435	2.7
GP-60-909V-3S20-A		60	909	44	45	35	113	400	4~5	1400	30	487	2.9
GP-60-1001V-3S20-A		60	1001	44	45	35	125	400	4~5	1400	30	539	3.2
GP-60-1117V-3S20-A		60	1117	44	45	35	140	400	4~5	1400	30	603	3.5
GP-60-1209V-3S20-A		60	1209	44	45	35	152	400	4~5	1400	30	655	3.7
GP-60-1301V-3S20-A		60	1301	44	45	35	164	400	4~5	1400	30	707	3.9

Ordering example | GP-130-909V-3S-20-A

E -Outline drawing and technical parameters of external vacuum fan pump

Px03: three row adsorption pore

(PX03)



unit: mm

model	size										technical parameter			
	Sponge Hole type	W	L	A Outer diameter (inner diameter)	B	C	D	H1	H2	Number of suction holes	Pumping capacity L/min	vacuum degree Kpa	suction N	weight Kg
GP-60-308V-3S20-E	3S: The diameter of suction cup is 40mm	60	308	60(32)	44	50	44	50	35	35	160	30	80	1.0
GP-60-355V-3S20-E		60	355	60(32)	44	50	44	50	35	41	200	30	96	1.1
GP-60-400V-3S20-E		60	400	60(32)	44	50	44	50	35	47	220	30	110	1.3
GP-60-470V-3S20-E		60	470	60(32)	44	50	44	50	35	56	250	30	132	1.4
GP-60-516V-3S20-E		60	516	60(32)	44	50	44	50	35	62	300	30	146	1.6
GP-60-608V-3S20-E		60	608	60(32)	44	50	44	50	35	74	340	30	174	1.8
GP-60-701V-3S20-E		60	701	60(32)	44	50	44	50	35	86	400	30	202	2.0
GP-60-816V-3S20-E		60	816	60(32)	44	50	44	50	35	101	460	30	237	2.3
GP-60-909V-3S20-E		60	909	60(32)	44	50	44	50	35	113	520	30	266	2.6
GP-60-1001V-3S20-E		60	1001	60(32)	44	50	44	50	35	125	600	30	294	2.8
GP-60-1117V-3S20-E		60	1117	60(32)	44	50	44	50	35	140	650	30	329	3.1
GP-60-1209V-3S20-E		60	1209	60(32)	44	50	44	50	35	152	700	30	357	3.3
GP-60-1301V-3S20-E		60	1301	60(32)	44	50	44	50	35	164	750	30	385	3.6

Ordering example | GP-130-909V-3S-20-E

Sponge aspirator GP -Vacuum sucker

Accessories selection

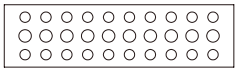
Sponge

GP 60 - 1420 - PB03 20 - M

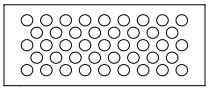
width	length	Row number of suction holes	Sponge thickness	Sponge type
		PB03:3Rowcircular hole	10:10mm	None: Standard
		Pb05: 5row round hole	15:15mm	M: Traceless type
		1F : 1row elliptical hole	20:20mm	F:Filter type
			30:30mm	

Notes: 1F is a special product. If you need it, please contact us.

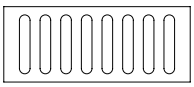
Notes: 10, 15mm, with filtering device.



PB03:Three row round hole



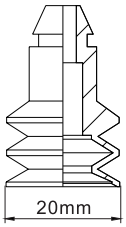
PB05:Five row round hole



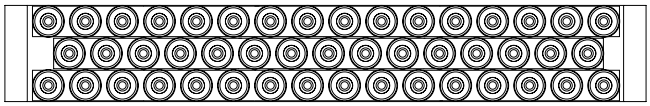
PB01: 1row elliptical hole

Vacuum sucker

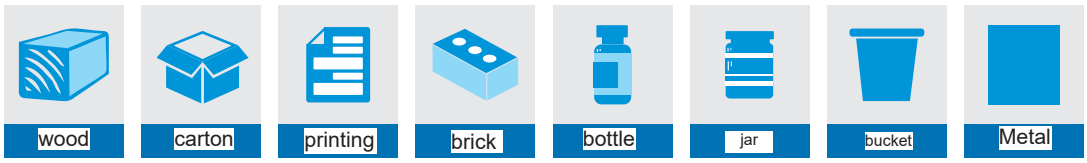
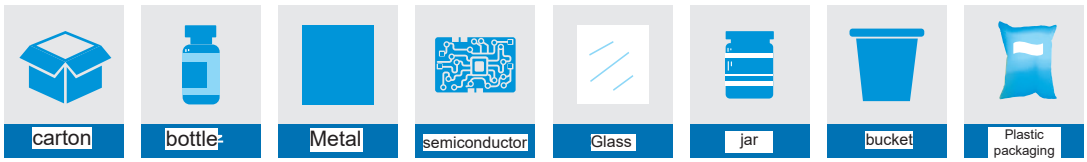
PS-20



(used with three row holes)



Sponge For:



Vacuum sucker For :