

# Vacuum Suction Cups HVGP (Generator)

**HANWHA**



General

Suction size: 200mmX wide and long (customizable)

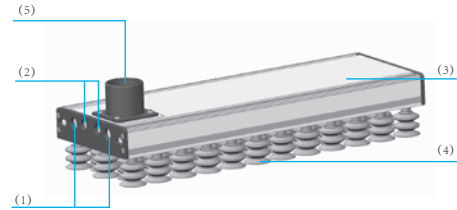
## Product characteristics

- \* Medium-sized standardized design
- \* Convenient and simple maintenance
- \* Lightweight and tough high strength aluminum profiles
- \* Built-in multistage vacuum generator module
- \* HANWHA-specific body technology
- \* Different pass technology for a wide variety of workpiece applications
- \* High performance imported material, longer service life



## Product structure

- \* (1) P: G1/4 screw thread, air inlet
- \* (2) V: G1/8screw thread, Blowback/vacuum detection
- \* (3) Aluminum profile can be customized
- \* (4) Strong and wear-resistant 2.5 fold suction cup, the material of the sucker is flexible, and it is easy to fit the workpiece
- \* (5) fan pupm



## Product advantages

- \* Suitable for corrugated board, plywood, iron plate and other general workpieces



Suction Cups HVGP absorbs the carton packaging

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## HVGP Order Code

HVGP	200	400	V	5	S
1	2	3	4	5	6
20	E				
7	8				

1-Series	2-Width	3-Length
HVGP Cups suction	200 200mm	400 Customizable

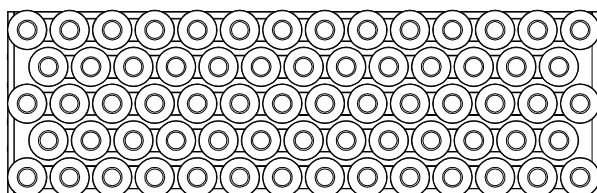
4-Vacuum valve specifications	5-Design type	6-Vacuum material
V Self-closing valve	5 PS05	S Cup
L Flow valve	9 PS09	
S High speed valve		

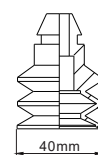
7-Size and type	8-Vacuum source configuration
20 20mm	A Generator
40 40mm	E Fan pump
SI Silicone rubber	
SI-RR High-performance (rose red)	

\* Please contact us for special requirements

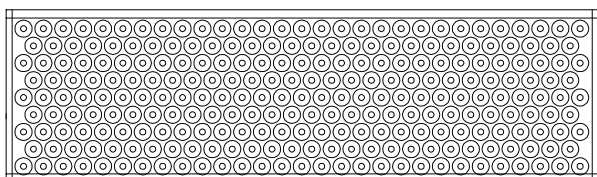
## HVGP200 Cup Selection Specification



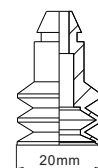
typePS05  
The number of rows in use is 5  
HVGP200(HSCN40)cup diameter 40MM



(HSCN40)



typePS09  
The number of rows in use is 9  
HVGP200(HSCN20)cup diameter 20MM



(HSCN20)

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## HVGP200P Technical parameters

Models	Type	Number of cups	Required pumping capacity* [L/min]	Vacuum* [Kpa]	Suction N* [-40KPA]	Weight [KG]
HVGP200-273V-5S40-E	PS05	28	140	-60	279	2.8
HVGP200-458V-5S40-E	PS05	48	240	-60	478	3.9
HVGP200-550V-5S40-E	PS05	58	290	-60	577	4.5
HVGP200-643V-5S40-E	PS05	68	340	-60	677	5.0
HVGP200-735V-5S40-E	PS05	78	390	-60	776	5.6
HVGP200-828V-5S40-E	PS05	88	440	-60	875	6.2
HVGP200-920V-5S40-E	PS05	98	490	-60	975	6.7
HVGP200-1012V-5S40-E	PS05	108	540	-60	1074	7.2
HVGP200-1243V-5S40-E	PS05	133	665	-60	1323	8.6
HVGP200-1428V-5S40-E	PS05	153	765	-60	1522	9.7

\*Vacuum degree for reference-Kpa vacuum suction (built-in vacuum generator)  
please refer to the actual vacuum source performance values

\* PS05

Models	Type	Number of cups	Required pumping capacity* [L/min]	Vacuum* [Kpa]	Suction N* [-40KPA]	Weight [KG]
HVGP200-273V-9S20-E	PS09	95	380	-60	317	2.8
HVGP200-458V-9S20-E	PS09	167	668	-60	557	3.9
HVGP200-550V-9S20-E	PS09	203	812	-60	677	4.5
HVGP200-643V-9S20-E	PS09	239	956	-60	797	5.0
HVGP200-735V-9S20-E	PS09	275	1100	-60	917	5.6
HVGP200-828V-9S20-E	PS09	311	1244	-60	1037	6.2
HVGP200-920V-9S20-E	PS09	347	1388	-60	1157	6.7
HVGP200-1012V-9S20-E	PS09	383	1532	-60	1127	7.2
HVGP200-1243V-9S20-E	PS09	473	1892	-60	1577	8.6
HVGP200-1428V-9S20-E	PS09	545	2180	-60	1817	9.7

\*Vacuum degree for reference-Kpa vacuum suction (built-in vacuum generator)  
please refer to the actual vacuum source performance values

\* PS09

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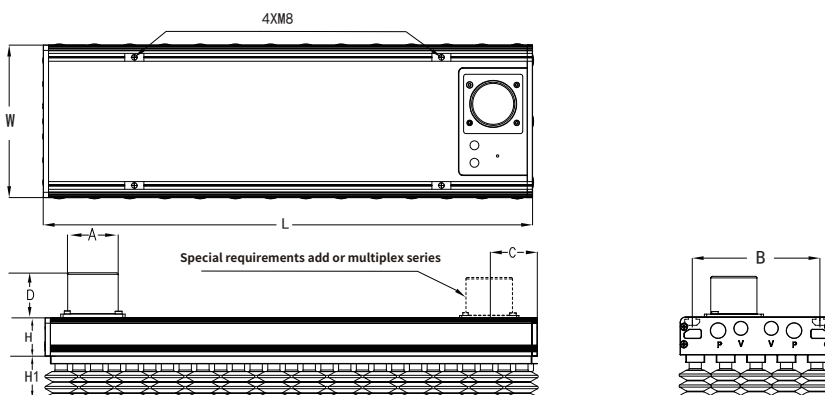
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## HVGP Design parameters



HVGP200

尺寸[mm]

Models	A	B	C	D	L	W	H	H1
HVGP200-273V-5S40-E	60(32)	168	69	54	273	200	105	55
HVGP200-458V-5S40-E	60(32)	168	69	54	458	200	105	55
HVGP200-550V-5S40-E	60(32)	168	69	54	550	200	105	55
HVGP200-643V-5S40-E	60(32)	168	69	54	643	200	105	55
HVGP200-735V-5S40-E	60(32)	168	69	54	735	200	105	55
HVGP200-828V-5S40-E	60(32)	168	69	54	828	200	105	55
HVGP200-920V-5S40-E	60(32)	168	69	54	920	200	105	55
HVGP200-1012V-5S40-E	60(32)	168	69	54	1012	200	105	55
HVGP200-1243V-5S40-E	60(32)	168	69	54	1243	200	105	55
HVGP200-1428V-5S40-E	60(32)	168	69	54	1428	200	105	55

\* PS05

尺寸[mm]

Models	A	B	C	D	L	W	H	H1
HVGP200-273V-9S20-E	60(32)	168	69	54	273	200	105	55
HVGP200-458V-9S20-E	60(32)	168	69	54	458	200	105	55
HVGP200-550V-9S20-E	60(32)	168	69	54	550	200	105	55
HVGP200-643V-9S20-E	60(32)	168	69	54	643	200	105	55
HVGP200-735V-9S20-E	60(32)	168	69	54	735	200	105	55
HVGP200-828V-9S20-E	60(32)	168	69	54	828	200	105	55
HVGP200-920V-9S20-E	60(32)	168	69	54	920	200	105	55
HVGP200-1012V-9S20-E	60(32)	168	69	54	1012	200	105	55
HVGP200-1243V-9S20-E	60(32)	168	69	54	1243	200	105	55
HVGP200-1428V-9S20-E	60(32)	168	69	54	1428	200	105	55

\* PS09