

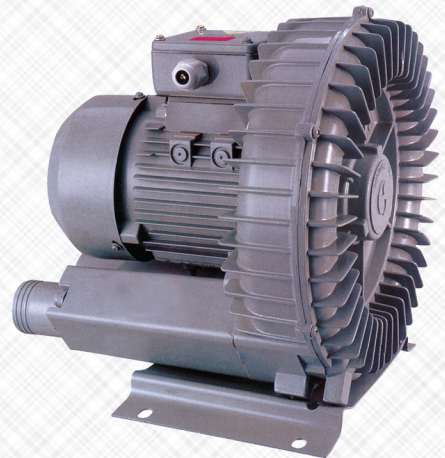
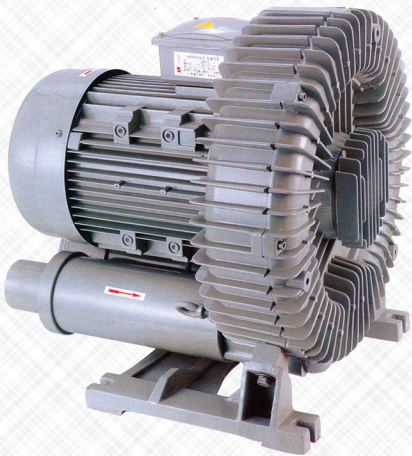


GOL PUMPS TECHNOLOGY INC

G.P.T.CO

BLOWER PUMP VORTEX GAS PUMP

PRODUCT CATALOG



RoHS

ISO9001:2000





HIGH PRESSURE VORTEX BLOWER(GB VORTEX BLOWER)(GAS Pump)
Made by Aluminum alloy
Small body, small weight
High pressure and Oil free

The ring blower (channel blower, gas pump, air blower) made by aluminum alloy, that make it small body and light weight. Blower blades operate without coming into contact with the pump casing and with each other. Therefore, the blades do not require lubrication. Since the system only operates with air or gas, the environment remains clean. For this reason, blowers provide a big advantage in chemical applications, aquaculture, pneumatic transfer applications, mining and treatment plants, which require a clear gas flow. Single-stage blowers can operate within the ranges of 35-1700 m³/h flow rate and 0-450 mbar pressure.

The products are widely used for clothes, printing, paper making, aquiculture, liquid waste disposing, adding oxygen, photoengraving, industry absorbing, heliograph, powder and grain feeding, work scene, etc.

The motors are designed according to the DIN EN 60 034 / DIN IEC 34-1 and temperature class F. For the three phase machines the tolerances are +/- 10 % for fixed voltage and +/- 5 % for voltage range. The single phase machines are designed with a +/- 5 % tolerances. If only 90 % of the maximum allowed pressure will be used for the continuous operating then the allowed voltage range add to +/- 10 %. For all single and three phase machines which designed according to the UL and CSA norm (UL 1004-1) the maximum allowed voltage tolerances are - 10 % resp. + 6 %. The frequency tolerance is maximum +/- 2 %

Applications :

1. Aquaculture (fish and prawn pond aeration)
2. Waste water treatment, sewage treatment system.
3. Pneumatic conveying systems.
4. Lifting and holding of parts by vacuum.
5. Packing machines.
6. Filling of bags/bottles/hoppers.
7. Soil remediation
8. Food processing.
9. Laser printers
10. Dental suction equipment.
11. Paper processing.
12. Gas analysis.



HIGH PRESSURE VORTEX AIR PUMP



GSY210-250



GSY210-370



GSY310-550



GSY410-750



GSY510-1100
GSY510-1100S



GSY510-1500
GSY510-1500S



GSY610-2200S



GSY710-2200S
GSY710-2200



GSY710-3000S



GSY710-4000S



GSY810-3000S



GSY810-4000S



GSY810-5500S



GSY810-7500S

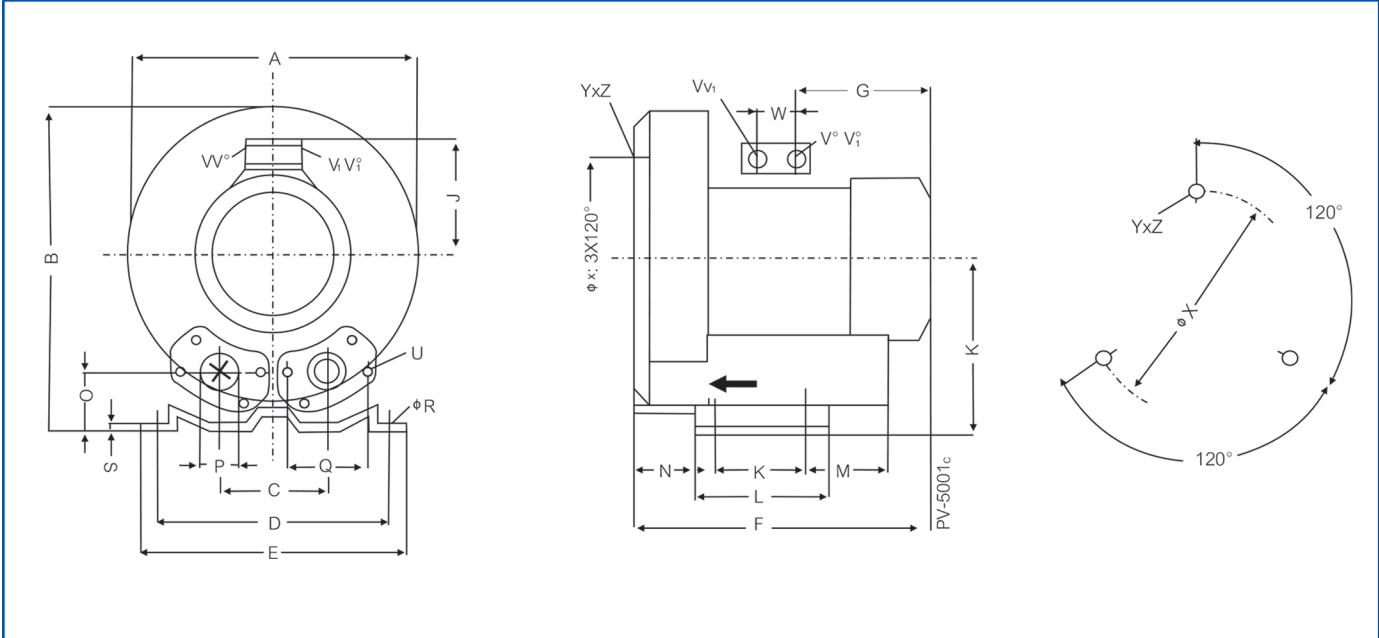


HIGH PRESSURE VORTEX AIR PUMP

Model	Rated voltage	Rated current	Frequency	Max.pressure	Max.flow	Max.vacuum	power	Speed	Noise	N.W	G.W	Packing volume
	V	A	HZ	Kpa	m ³ /h	Kpa	KW	r/min	dB	KG	KG	CM
GSY210-250	220	2.5(3.0)	50(60)	12(14)	48(57)	8.5(10)	0.25(0.30)	2800(3400)	<56	10.6	11.2	31x28x28
GSY210-370	220	3.5(4.2)	50(60)	16(19)	60(70)	11(13)	0.37(0.44)	2800(3400)	<56	11	11.7	31x28x28
GSY310-550	220	4.8(5.76)	50(60)	20(24)	110(132)	16(19)	0.55(0.66)	2800(3400)	<60	12.6	14.1	32x31x30
GSY310-550	220	4.8(5.76)	50(60)	20(24)	110(132)	16(19)	0.55(0.66)	2800(3400)	<60	12.6	14.1	32x31x30
GSY510-1100	220	8.7(10.44)	50(60)	25(30)	210(245)	20(24)	1.1(1.3)	2800(3400)	<60	23	24.7	37x37x38
GSY510-1100S	△ 220 Y380	4.36(5.88) 2.52(3.42)	50(60)	25(30)	210(245)	20(24)	1.1(1.3)	2800(3400)	<60	21.5	22.9	37x37x38
GSY510-1500	220	11.8(14.16)	50(60)	26(31)	220(255)	21(25)	1.5(1.8)	2800(3400)	<60	23.4	28	37x37x38
GSY510-1500S	△ 220 Y380	5.96(8.20) 3.44(4.74)	50(60)	26(31)	220(255)	21(25)	1.5(1.8)	2800(3400)	<60	22.5	26	37x37x38
GSY610-2200S	△ 220 Y380	8.52(10.22) 4.92(5.91)	50(60)	34(41)	300(340)	26(31)	2.2(2.6)	2800(3400)	<70	27	29.5	40x40x40
GSY710-2200S	△ 220 Y380	8.52(10.22) 4.92(5.91)	50(60)	36(43)	325(365)	28(33)	2.2(2.6)	2800(3400)	<70	29	31.5	42x42x42
GSY710-3000S	△ 220 Y380	11.07(13.29) 6.39(7.67)	50(60)	37(44)	330(375)	29(34)	3.0(3.6)	2800(3400)	<70	35	37.5	43x44x44
GSY710-4000S	△ 380 Y660	8.17(9.8) 4.72(5.6)	50(60)	38(45)	340(385)	30(35)	4.0(4.8)	2800(3400)	<70	37	40	43x44x44
GSY810-3000S	△ 220 Y380	11.07(13.29) 6.39(7.67)	50(60)	37(44)	430(475)	29(34)	3.0(3.6)	2800(3400)	<70	44	51	46x46x50
GSY810-4000S	△ 380 Y660	8.17(9.8) 4.72(5.6)	50(60)	38(45)	475(525)	30(35)	4.0(4.8)	2800(3400)	<70	47	54	46x46x50
GSY810-5500S	△ 380 Y660	11.1(13.4) 6.4(7.6)	50(60)	42(50)	530(616)	34(38)	5.5(6.6)	2800(3400)	<70	62	71	48x50x52
GSY810-7500S	△ 380 Y660	15(19.74) 8.6(10.4)	50(60)	45(52)	550(640)	35(42)	7.5(9.0)	2800(3400)	<70	65	74	48x50x52



Dimension Diagram



Model	Phase	A	B	C	D	E	F	G	H	J	K	L	M	N	O	
TH 530 H06	3-	334	337	120	260	295	334	160	175	120	115	155	96	87	48	
		P	Q	Φ R	S	U	V ₍₁₋₎	V' ₍₁₋₎	V ₁₍₃₋₎	V' ₁₍₃₋₎	YxZ	X-Holes	Φx	w		
		G2	83	14	4	M8x17	-	-	M25x15	M16x15	M8x20	0°/120°/240°	200	29		



DIMENSION DIAGRAM

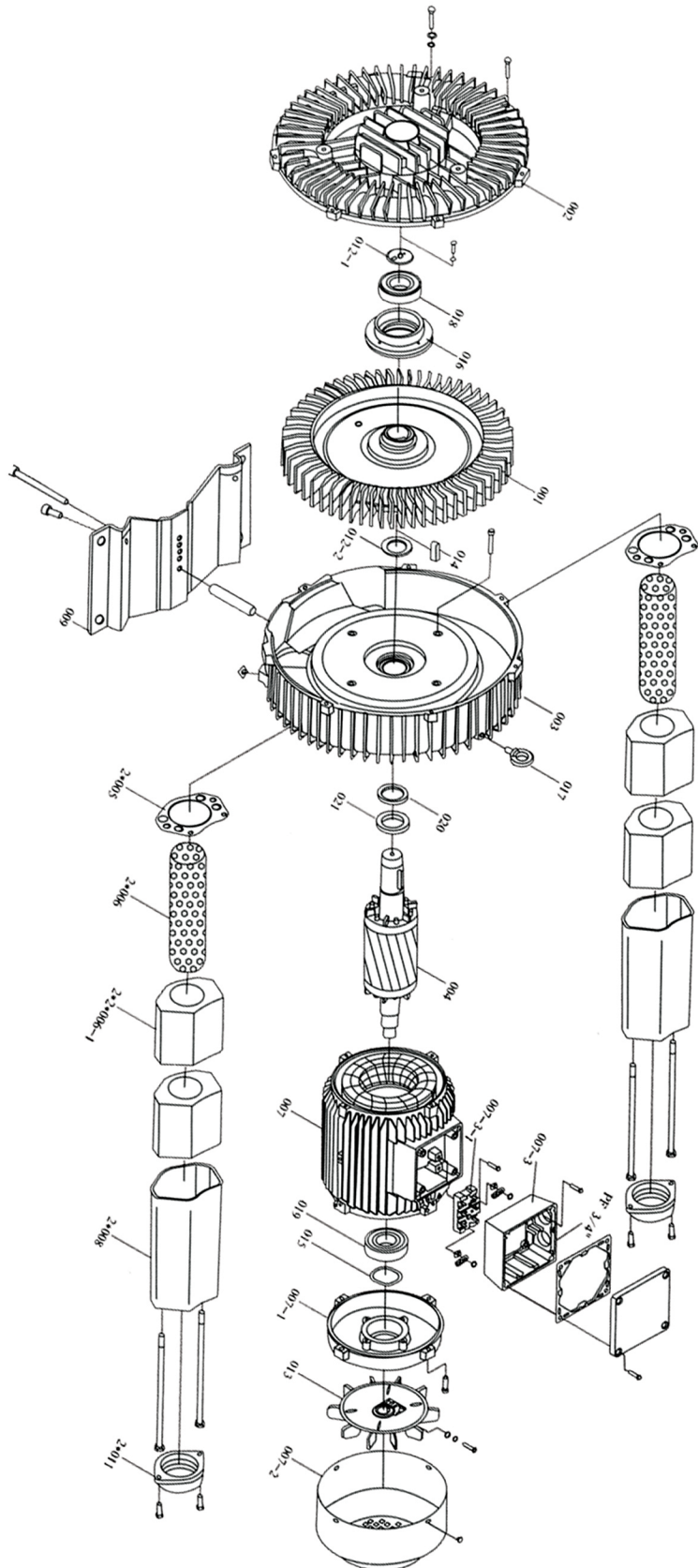
Mode	Size						
	L	W	H	H1	H2	A	A1
GSY210-250	260	246	247	120	37	90	205
GSY210-370	260	246	247	120	37	90	205
GSY310-550	277	268	272	155	47	93	205
GSY410-750	300	286	302	165	58	111	225
GSY510-1100	325	335	340	190	61.5	115	270
GSY510-1500	325	335	340	190	61.5	115	270
GSY610-2200	350	362	365	192	61	120	290
GSY710-2200	377	382	385	192	56	125	290
GSY710-3000	377	382	385	192	56	125	290
GSY710-4000	377	382	385	192	56	125	290
GSY810-3000	402	408	410	210	56	140	313
GSY810-4000	435	418	470	237	110	143	315
GSY810-5500	475	446	480	250	118	148	360
GSY810-7500	475	446	480	250	118	148	360

Mode	Size						
	A2	L1	B	G	D	S	C
GSY210-250	235	62	83	φ140	φ49	8.5	G1 ₄
GSY210-370	235	62	83	φ140	φ49	8.5	G1 ₄
GSY310-550	265	66	83	φ162	φ49	12	G1 ₄
GSY410-750	265	80	95	φ173	φ50	12	G1 ₂
GSY510-1100	300	30	140	φ200	φ60	14	G2
GSY510-1500	300	30	140	φ200	φ60	14	G2
GSY610-2200	326	95	140	φ246	φ60	14	G2
GSY710-2200	326	103	140	φ256	φ60	14	G2
GSY710-3000	326	103	140	φ256	φ60	14	G2
GSY710-4000	326	103	140	φ256	φ60	14	G2
GSY810-3000	345	103	140	φ256	φ60	14	G2
GSY810-4000	330	113	185	φ280	φ76	14	G2 _{1/2}
GSY810-5500	415	100	170	φ288	φ76	15	G2 _{1/2}
GSY810-7500	415	100	170	φ288	φ76	15	G2 _{1/2}

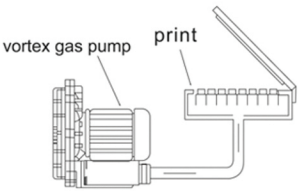
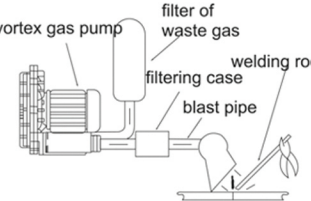
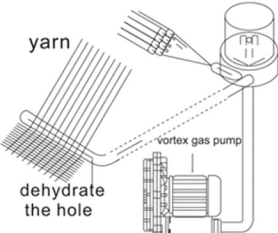
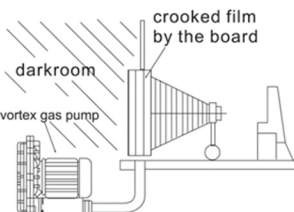
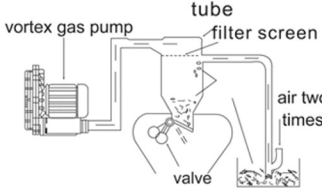
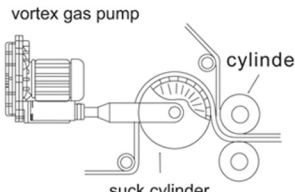
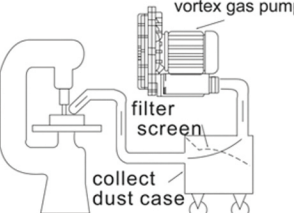
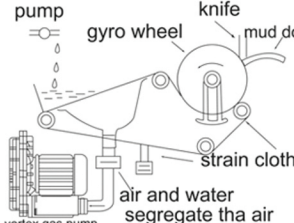
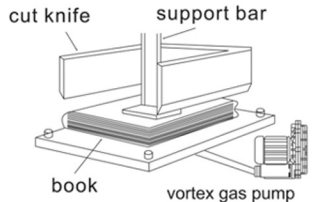
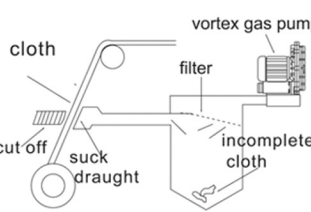
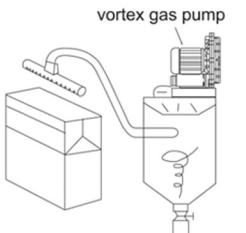
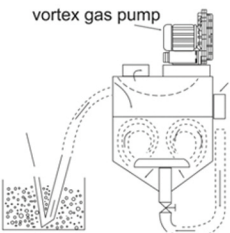
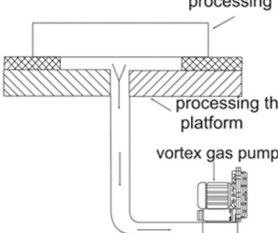
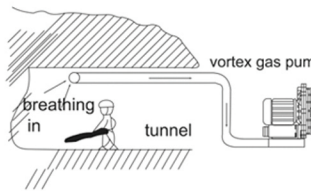
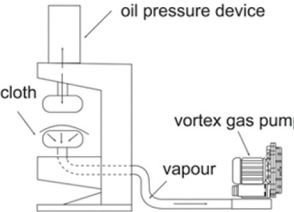
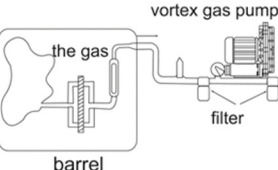




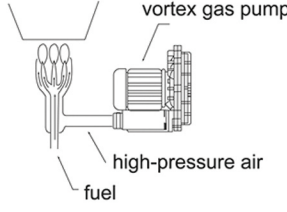
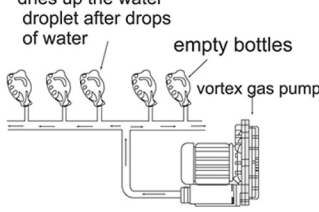
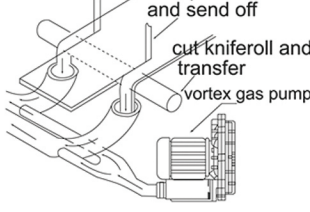
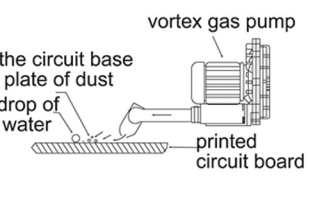
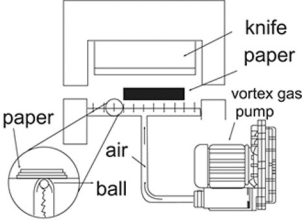
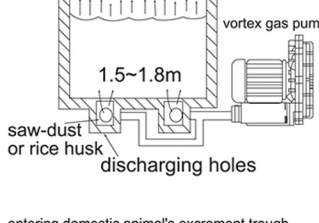
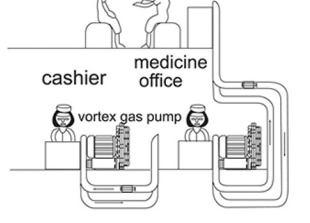
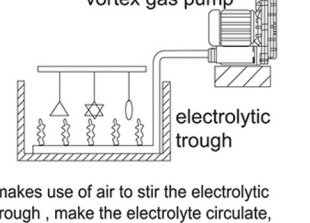
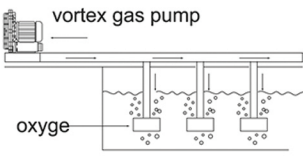
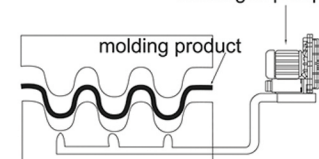
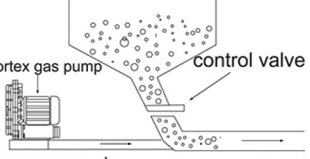
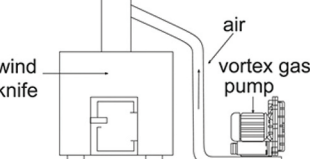
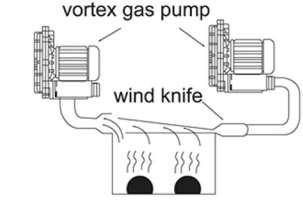
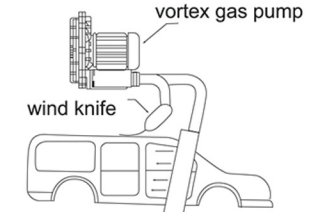
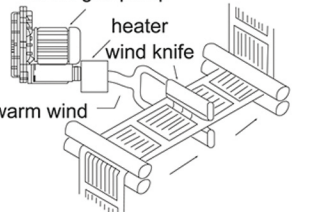
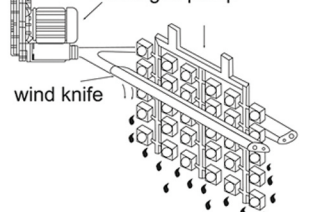
- 001. (Wind leaf)
- 002. (wind cover)
- 003. (wind barrel)
- 004. (rotor)
- 005. (foot in charge of spacer)
- 006. (disappear sound iron network)
- 006-1. (disappear sound sponge)
- 007. (motor)
- 007-1. (the back cover of the motor)
- 007-2. (Heat dissipation iron cover)
- 007-3. (terminal box & cover/wiring board)
- 007-3-1.(wiring board)
- 008. (foot tube)
- 009. (foot base)
- 011. (PF 2"- out/enter tooth hole)
- 012-1. (spacer 4mm)
- 012-2. (t =2.5mm-spacer)
- 013. (18pp - heat dissipation leaf)
- 014. (8*10*30 key)
- 015. (wave spacer)
- 016. (Bearing cover)
- 017. (rings M8)
- 018. (Bearing-#6206zz)
- 019. (Bearing-#6206zz)
- 020. (Seal-cotton)
- 021. (Oil seal- #35477)





<p>The sucking of the printing machine of network edition</p>	<p>Eject the exhaust gas and dust produced while welding drawing</p>	<p>The weave cotton machine suck silk</p>	<p>Photo-engraving</p>
 <p>vortex gas pump print</p> <p>printed matter utilize the pressure of sucking to be regular, in order to make it easy for print.</p>	 <p>vortex gas pump filter of waste gas filtering case welding rod blast pipe</p> <p>vacuum way is arranged to the elsewhere, ensure operators to be healthy.</p>	 <p>yarn dehydrate the hole vortex gas pump</p> <p>absorb the moisture content and regular end of a thread, improve the quality and efficiency of the products.</p>	 <p>crooked film by the board darkroom vortex gas pump</p> <p>make use of vacuum suction to keep films, make it smooth, is suitable for photo-engraving industry.</p>
<p>The powder body transports</p>	<p>Print suck</p>	<p>Industry hoover</p>	<p>Vacuum dehydrate</p>
 <p>vortex gas pump tube filter screen valve air two times</p> <p>granular object, for instance plastic raw materials, etc., can make use of the atmospheric pressure (blows) or the vacuum suction to accomplish the task of sending.</p>	 <p>vortex gas pump cylinder suck cylinder</p> <p>vacuum suck printing paper is it transfer by molding.</p>	 <p>vortex gas pump filter screen collect dust case</p> <p>in the factory for bits platform of remaining etc., it is the all right it have Fig. it have the clean the ways.</p>	 <p>pump knife gyro wheel mud do strain cloth air and water segregate the air vortex gas pump</p> <p>the paper pulp dehydrates, pollution dehydrates, the cloth dehydrates etc.</p>
<p>Make books machine</p>	<p>Incomplete cloth deal with</p>	<p>Ox milk paper carton filling machine</p>	<p>Bean curd machinery</p>
 <p>cut knife support bar book vortex gas pump</p> <p>cut off books when keep sucking.</p>	 <p>vortex gas pump filter cloth cut-off suck draught incomplete cloth</p> <p>cloth cutting treatment</p>	 <p>vortex gas pump</p> <p>ox milk vacuum that box is fill attract and utilize.</p>	 <p>vortex gas pump</p> <p>tracting the soybean wheel to give, clean and use to cleaning the trough.</p>
<p>Keeping processing</p>	<p>Defence works scene</p>	<p>Iron cloth machine</p>	<p>The gas resolves</p>
 <p>processing processing the platform vortex gas pump</p> <p>block of processing thing, plastic, etc. using regularly for some un-magnetism object's fixing.</p>	 <p>vortex gas pump breathing in tunnel</p> <p>for remove the part of the tunnel and narrow and small part's dust and poisonous gas.</p>	 <p>oil pressure device cloth vortex gas pump vapour</p> <p>spend to discharge the vapour when ironing cloth.</p>	 <p>vortex gas pump the gas barrel filter</p> <p>using the attraction of the gas resolves device.</p>



<p>The gas and heavy oil gush out firing</p>  <p>vortex gas pump high-pressure air fuel</p> <p>high wind pressure (2.000mmAq) and enough wind amount, can ligh tenning your reliance to the air com press horizontal.</p>	<p>Wash the bottle machine and dries up</p>  <p>dries up the water droplet after drops of water empty bottles vortex gas pump</p> <p>empty bottle of beverage are water-washed, suitable for the food industry .</p>	<p>Can collect all the bits automatically after cut the Paper</p>  <p>colth piece blow and send off cut kniferoll and transfer vortex gas pump</p> <p>plastic, cloth , paper, etc. out.</p>	<p>It is dry to use the air knife</p>  <p>vortex gas pump the circuit base plate of dust drop of water printed circuit board</p> <p>electron industry can make use of forced draught blower to blowdown the small dust and water droplet.</p>
<p>Air cushion</p>  <p>knife paper vortex gas pump paper air ball</p> <p>increasing the buoyancy, easy to move.</p>	<p>The domestic animal excrement ferments' fierceness gas</p>  <p>vortex gas pump 1.5~1.8m saw-dust or rice husk discharging holes</p> <p>entering domestic animal's excrement trough flirtatiously with the high-pressure air, it is exposed to the area to increase domestic animal excrement and air. Also suitable for the sewage disposal of the public hazards .</p>	<p>Subpoena transport</p>  <p>examine cashier medicine office vortex gas pump</p> <p>it regards air as motive force to be fast also really to transport file.</p>	<p>The electrolytic liquid mix round</p>  <p>vortex gas pump electrolytic trough</p> <p>makes use of air to stir the electrolytic trough , make the electrolyte circulate, and repel adhering to the bubble and make electroplate rapidly, the result is even . (export holes with the best of 4mm)</p>
<p>The oxygen supply in breed aquatics</p>  <p>vortex gas pump oxyge</p> <p>water in the pool .</p>	<p>Puncher machine</p>  <p>vortex gas pump molding product</p> <p>convenient to is it press product of taking shape after to take out.</p>	<p>Powder body transport</p>  <p>powder body vortex gas pump control valve compress air spray head</p> <p>powder body grains of body ,etc. air of raw materials transport.</p>	<p>Combustion-supporting discharge with the waste gas of the incinerator</p>  <p>air vortex gas pump wind knife</p> <p>atmdspherical help blaze and exhaust</p>
<p>The exhaust gas blows smoking</p>  <p>vortex gas pump wind knife</p> <p>discharging rapidly by the scattered exhaust gas that appears, so as not to cause pollution.</p>	<p>Wash the car and dry up</p>  <p>vortex gas pump wind knife</p> <p>blow the moisture content to dry after having car machine washing .</p>	<p>Print and force dryness</p>  <p>vortex gas pump heater wind knife warm wind</p> <p>enabling the printing color to dry fast.</p>	<p>Dry up after cleaning</p>  <p>vortex gas pump wind knife</p> <p>moisture content or oil gas after cleaning break away from articles rapidly.</p>



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