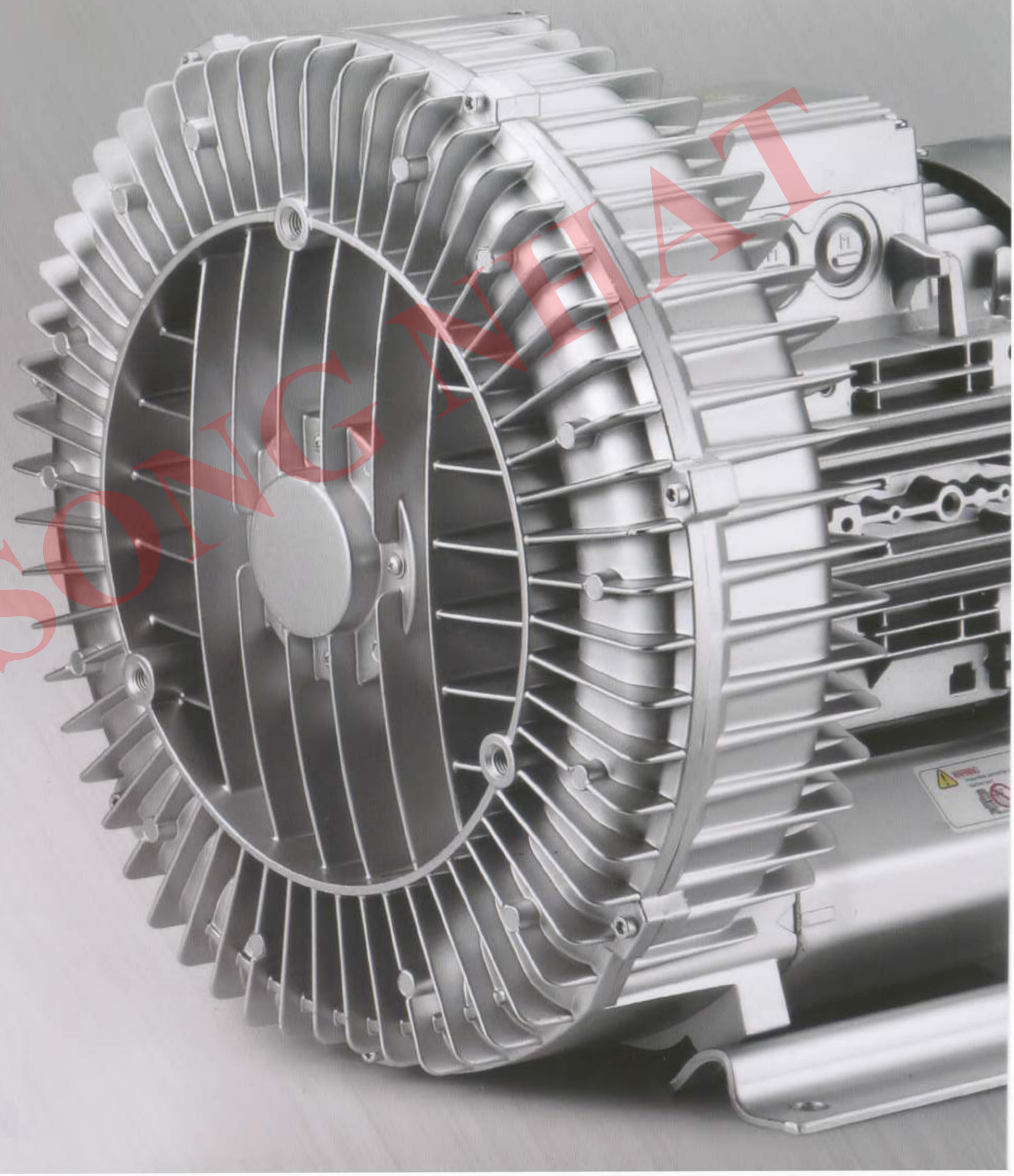
# VORTEX GAS PUMP



VORTEX
GAS PUMP

## SINGLE-STAGE

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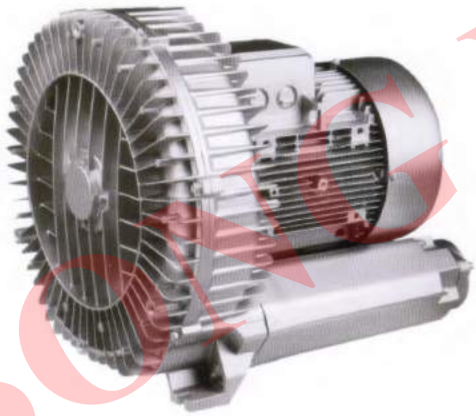


VORTEX
GAS PUMP

# XGB-180

## VORTEX GAS PUMP

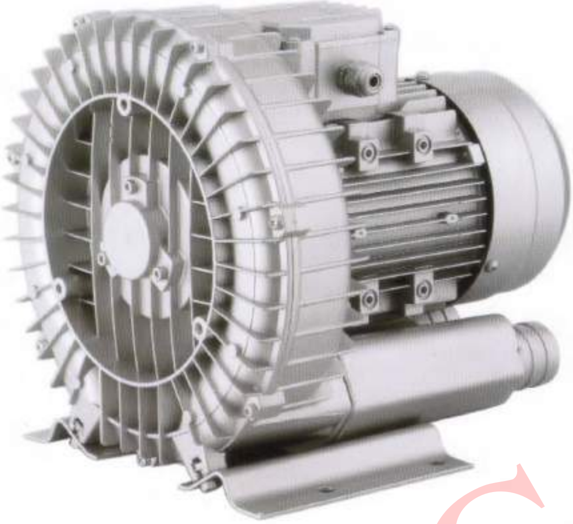


### Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-90 | 220 | 0.9 | 30 | 6 | 4 |
| XGB-120 | 220 | 0.12 | 35 | 7 | 5 |
| XGB-120 | 220 | 0.12 | 37 | 7 | 5 |
| XGB-180 | 220 | 0.18 | 40 | 9 | 7 |
| XGB-180 | 220 | 0.18 | 45 | 9 | 7 |

# XGB-250

## VORTEX GAS PUMP



XGB-370



### Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-250 | 220/380 | 0.25 | 60 | 12 | 10 |
| XGB-370 | 220/380 | 0.37 | 65 | 13 | 11 |

# XGB-550

## VORTEX GAS PUMP



Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-550 | 220/380 | 0.55 | 85 | 16 | 14 |

# XGB-750

## VORTEX GAS PUMP


Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-750 | 220/380 | 0.75 | 140 | 20 | 18 |

# XGB-1100

## VORTEX GAS PUMP


Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-1100 | 220/380 | 1.1 | 180 | 28 | 23 |

# XGB-2200

## VORTEX GAS PUMP



Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-1500 | 380 | 1.5 | 200 | 32 | 24 |
| XGB-2200 | 380 | 2.2 | 260 | 40 | 30 |

# XGB-3000

## VORTEX GAS PUMP



### Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-3000 | 380 | 3 | 280 | 45 | 30 |
| XGB-3800 | 380 | 3.8 | 300 | 50 | 31 |
| XGB-3800 | 380 | 3.8 | 300 | 50 | 31 |
| XGB-4000 | 380 | 4 | 400 | 40 | 32 |
| XGB-4000 | 380 | 4 | 400 | 40 | 32 |

# XGB-5500

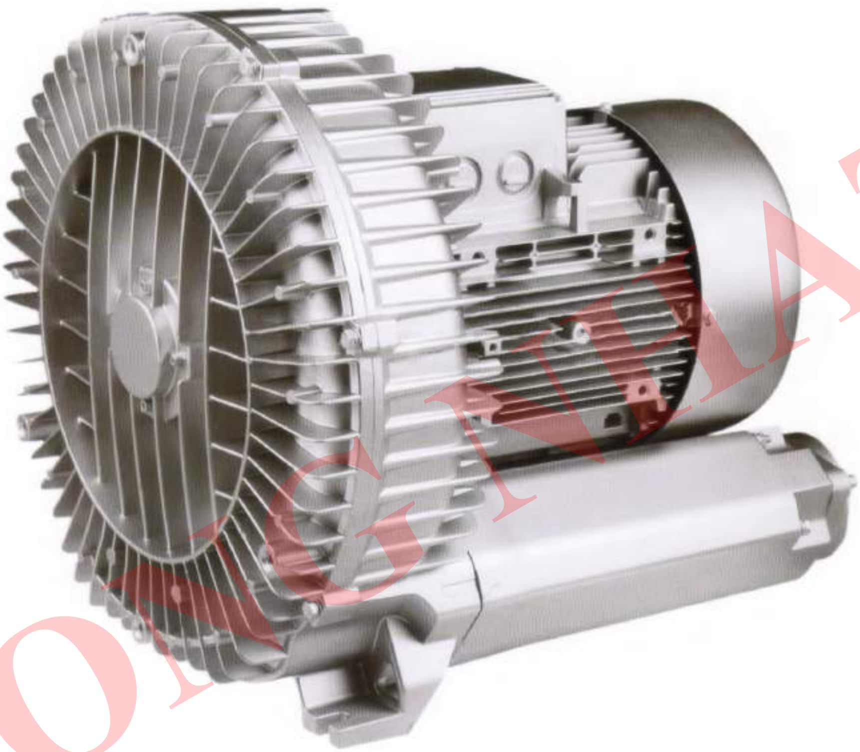
## VORTEX GAS PUMP


Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-5500 | 380 | 5.5 | 480 | 58 | 38 |
| XGB-5500 | 380 | 5.5 | 480 | 58 | 38 |

# XGB-7500

## VORTEX GAS PUMP

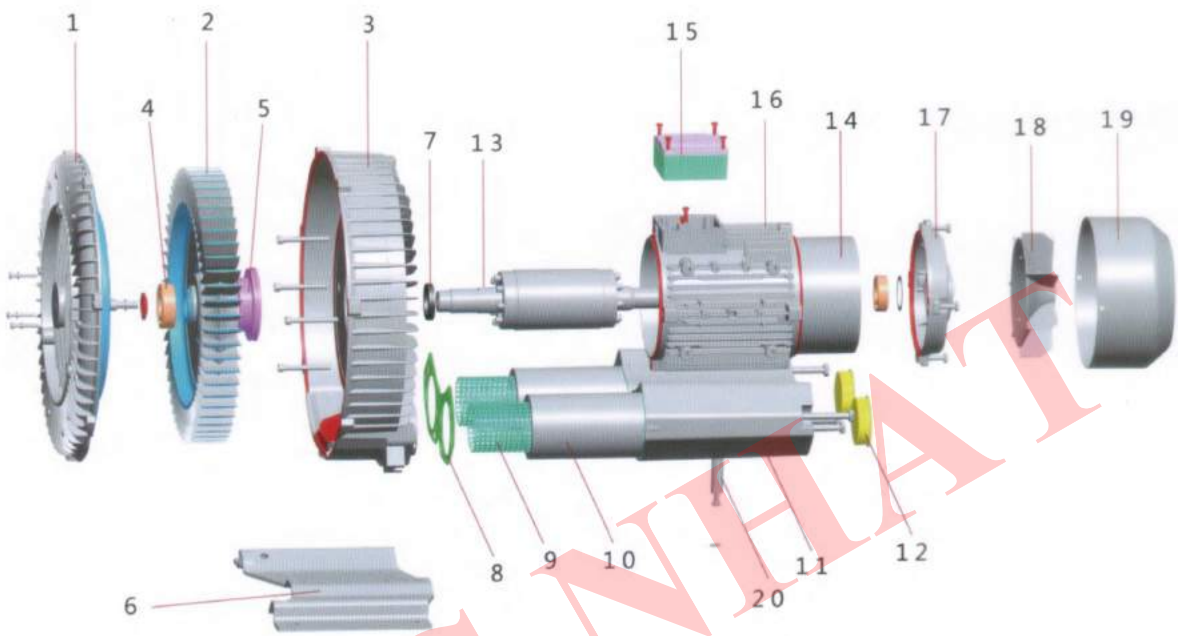




### Technical parameter

| Model | Voltage (V) | Power(KW) | Maximum flow (M3/h) | Maximum positive pressure (Kpa) | Maximum vacuum (Kpa) |
|---|---|---|---|---|---|
| XGB-7500 | 380 | 7.5 | 500 | 65 | 40 |
| XGB-7500 | 380 | 7.5 | 500 | 65 | 40 |
| XGB-11000 | 380 | 11 | 1000 | 90 | 50 |
| XGB-18500 | 380 | 18.5 | 1100 | 95 | 52 |

# EXPLODED VIEW



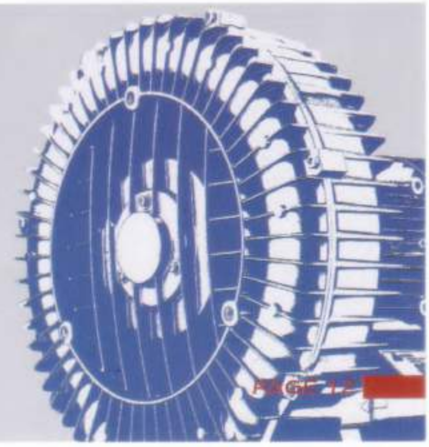

1 . Pump cover
2 . Impeller
3 . Pump body
4 . Bearing
5 . Bearing pedestal

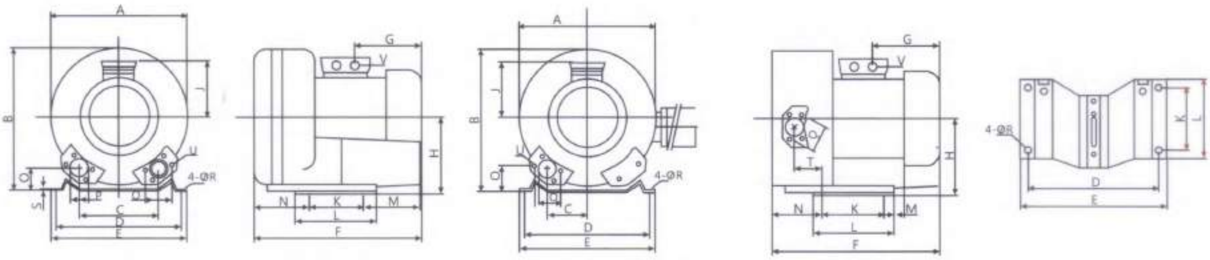
6 . Base plate
7 . Oil seal
8 . Gasket
9 . Silencer net
10 . Silencer sponge

11 . Silencer pipe
12 . Connector (flange)
13 . Rotor
14 . Motor
15 . Terminal box

16 . Motor cylinder
17 . Motor end cove
18 . Motor fan
19 . Motor back cover
20 . Supporting tube





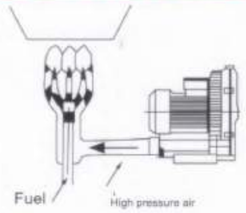


## Technical parameter

| Model | XGB-90 | XGB-120 | XGB-180 | XGB-250 | XGB-370 | XGB-550 | XGB-750 | XGB-1100 | XGB-1500 | XGB-2200 | XGB-3000 | XGB-3800 | XGB-4000 | XGB-5500 | XGB-7500 | XGB-11000 | XGB-18500 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Power | 0.9 | 0.12 | 0.18 | 0.25 | 0.37 | 0.55 | 0.75 | 1.1 | 1.5 | 2.2 | 3 | 3.8 | 4 | 5.5 | 7.5 | 11 | 18.5 |
| A | 184 | 184 | 226 | 245 | 245 | 267 | 285 | 333 | 333 | 383 | 410 | 410 | 420 | 440 | 440 | 600 | 600 |
| B | 198 | 198 | 240 | 250 | 250 | 273 | 303 | 338 | 338 | 405 | 445 | 445 | 470 | 475 | 475 | 630 | 630 |
| C | 78 | 78 | 64 | 88 | 88 | 95 | 114 | 118 | 118 | 130 | 135 | 135 | 145 | 125 | 125 | 143 | 143 |
| D | 158 | 158 | | 205 | 205 | 205 | 230 | 272 | 272 | 310 | 310 | 310 | 310 | 435 | 435 | 500 | 500 |
| E | 173 | 173 | 139 | 235 | 235 | 235 | 255 | 305 | 305 | 305 | 330 | 330 | 330 | 470 | 470 | 560 | 560 |
| F | 155 | 155 | 192 | 220 | 220 | 230 | 240 | 270 | 270 | 300 | 315 | 315 | 350 | 345 | 345 | 625 | 625 |
| G | 114 | 114 | | 145 | 145 | 150 | 178 | 170 | 190 | 212 | 160 | 160 | 133 | 240 | 240 | 220 | 220 |
| H | 102 | 102 | 126 | 130 | 130 | 140 | 153 | 175 | 175 | 215 | 220 | 220 | 250 | 245 | 245 | 330 | 330 |
| J | 96 | 96 | 114 | 120 | 120 | 133 | 150 | 163 | 163 | 190 | 205 | 205 | 220 | 230 | 230 | 300 | 300 |
| K | 57 | 57 | | 80 | 80 | 80 | 85 | 140 | 140 | 195 | 195 | 195 | 195 | 180 | 180 | 400 | 400 |
| L | 116 | 116 | 115 | 158 | 158 | 158 | 130 | 190 | 190 | 234 | 234 | 234 | 234 | 220 | 220 | 560 | 560 |
| M | 34 | 34 | | 60 | 60 | 67 | 52 | 80 | 80 | 15 | 40 | 40 | 5 | 40 | 40 | | |
| N | 5 | 5 | 48 | 0 | 0 | 0 | 55 | 0 | 0 | 50 | 35 | 35 | 90 | 80 | 80 | 85 | 85 |
| O | 31 | 31 | 35 | 40 | 40 | 40 | 45 | 50 | 50 | 70 | 85 | 85 | 85 | 75 | 75 | 560 | 560 |
| P | 21/32 | 21/32 | 25/20 | 40 | 40 | 40 | 50 | | 60 | 60 | 60 | 60 | 76 | 76 | 76 | 90 | 90 |
| Q | | | | 63 | 63 | 63 | 73 | 90 | 90 | 90 | | | 105 | 105 | 105 | | |
| R | 6 | 6 | | 10 | 10 | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 12 | 14 | 14 | 14 | 14 |
| S | 2 | 2 | | 3 | 3 | 3 | 3 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 5 | 5 | 30 | 30 |

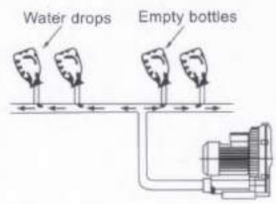
# VORTEX GAS PUMP

### Gas heavy oil injection



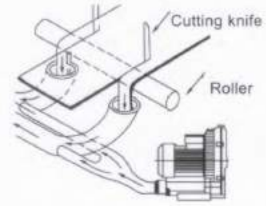

High wind pressure ( 2.000mmAq ) and enough wind quantity will make you less dependent on air compressors.

### Dry with bottle washer



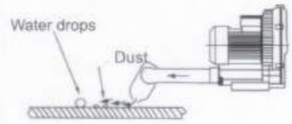

Wash empty bottles with water and blow dry for food industry.

### Paper tape and rag blowing



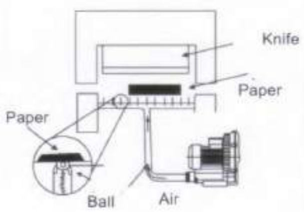

Automatic collection of off-cut latex, rags and paper tapes.

### Air knife for drying



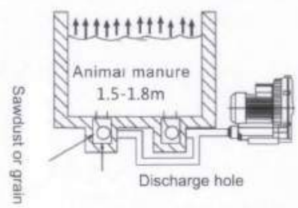

The air blower can be used to blow tiny dust and water drops off the circuit board for electronics industry.

### Air cushion for cutting machine



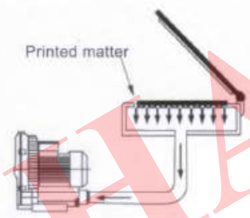

Increase air buoyancy for easy movement.

### Aminal manure fermentation aeration



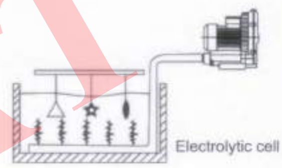

Blow high pressure air into animal manure tank to increase animal manure's air contact area; also suitable for sewage treatment.

### Ocpperplate press suction



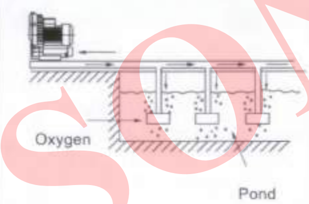

Secure paper with air suction for easier printing.

### Electroly te stirring



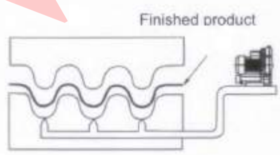

Stir the electrolytic cell using air to circulate the electrolyte and remove the attached air bubbles, making electroplating fast and even.

### Culture pond oxygen supply



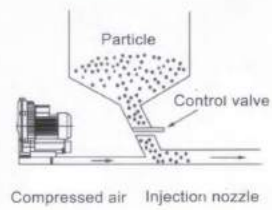

Oxygen supply under water.

### Punch



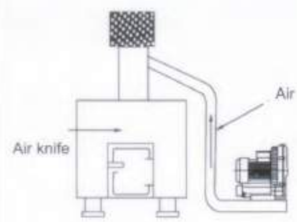

Take out finished product conveniently.

### Particle transport



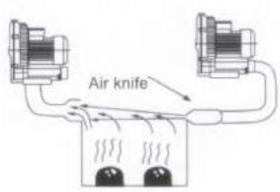

Transport of particles and other raw materials using air.

### Incinerator



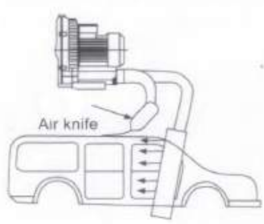

Support combustion and exhaust discharge.

### Smoke sudtion



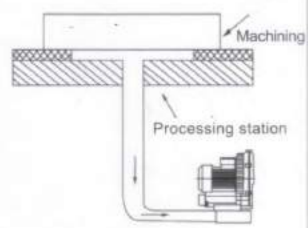

Quickly discharge smoke to prevent pollution.

### Car blow drying



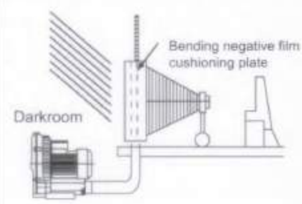

Blow dry the car after car washer.

### Secure processed materials




Secure non-magnetic materials such as wood plates and plastic.

### Photoengraving




Secure the negative film with vacuum suction to keep it flat for photoengraving.