

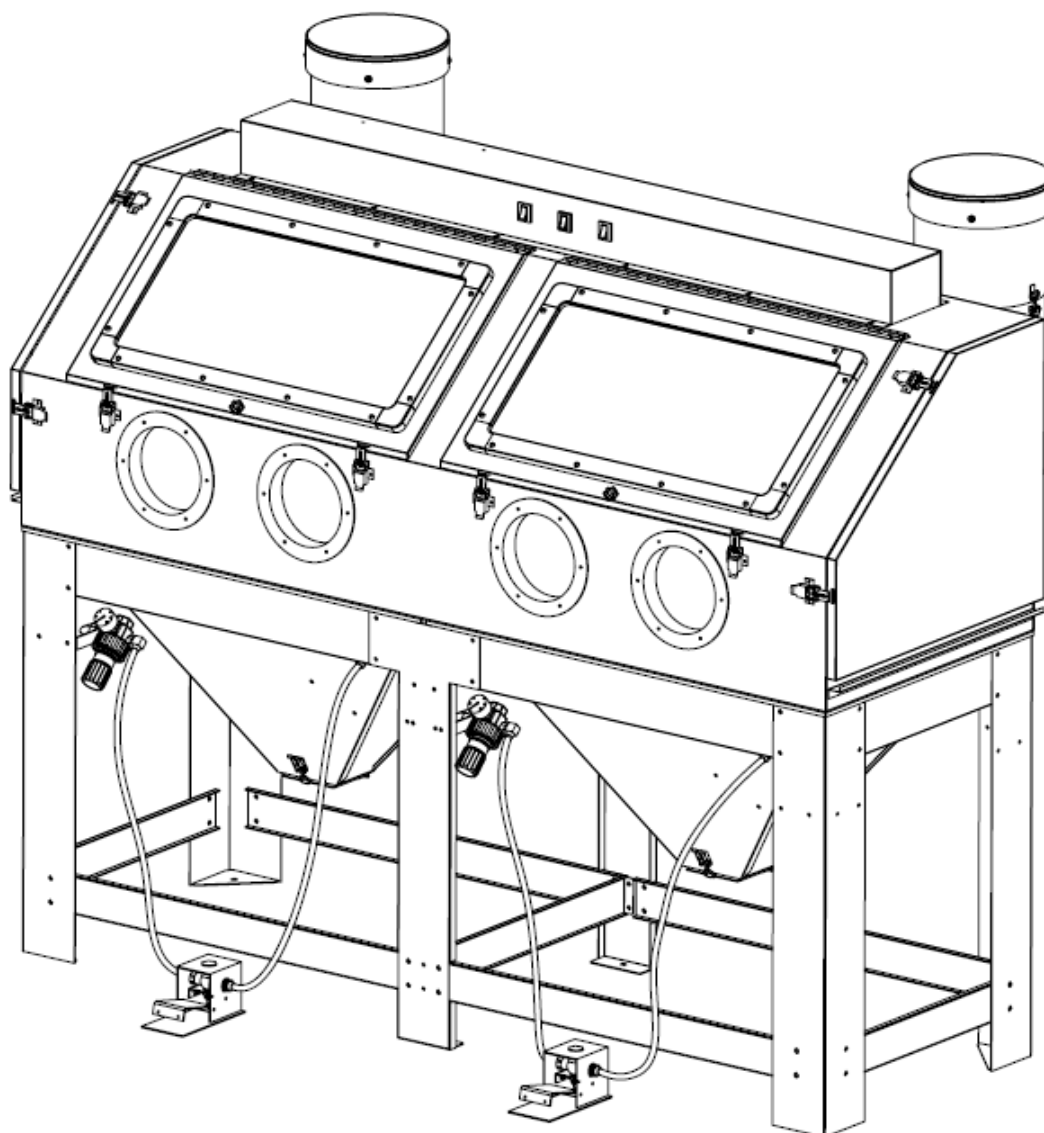
Operating Instructions and Parts Manual

Please read and save these instructions. Read through this owner's manual carefully before using product. Protect yourself and others by observing all safety information, warnings, and cautions. Failure to comply with instructions could result in personal injury and/or damage to product or property. Please retain instructions for future reference.

880L CABINET SANDBLASTER WITH PARALLELED WORKING POSTION-----DSBC880

Description

- ◇ Paralleled cabinet that could suit for large and long work pieces, Ideally large working space, suits for various kinds of work piece
- ◇ 2 front doors and 2 side doors supply more convenient ways to move in and out different sizes of work pieces
- ◇ Could use two different media to blast based on separate funnel design
- ◇ Foot pedal valve controlling brings flexible operation for customer
- ◇ Double dust collector ensuring higher dust clean efficiency



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Specifications and Dimensions

Nozzle Size: $\phi 6.0$ / $\phi 6.0$ / $\phi 7.0$ / $\phi 7.0$ mm

Nozzle Material: Ceramic;

Two sandblaster guns

Maximum Sand Load Volume: 52 liters(each funnel is 26L)

Overall Dimensions: 206x173.8*99.1cm

Working Pressure: 90~125PSI@9-10CFM

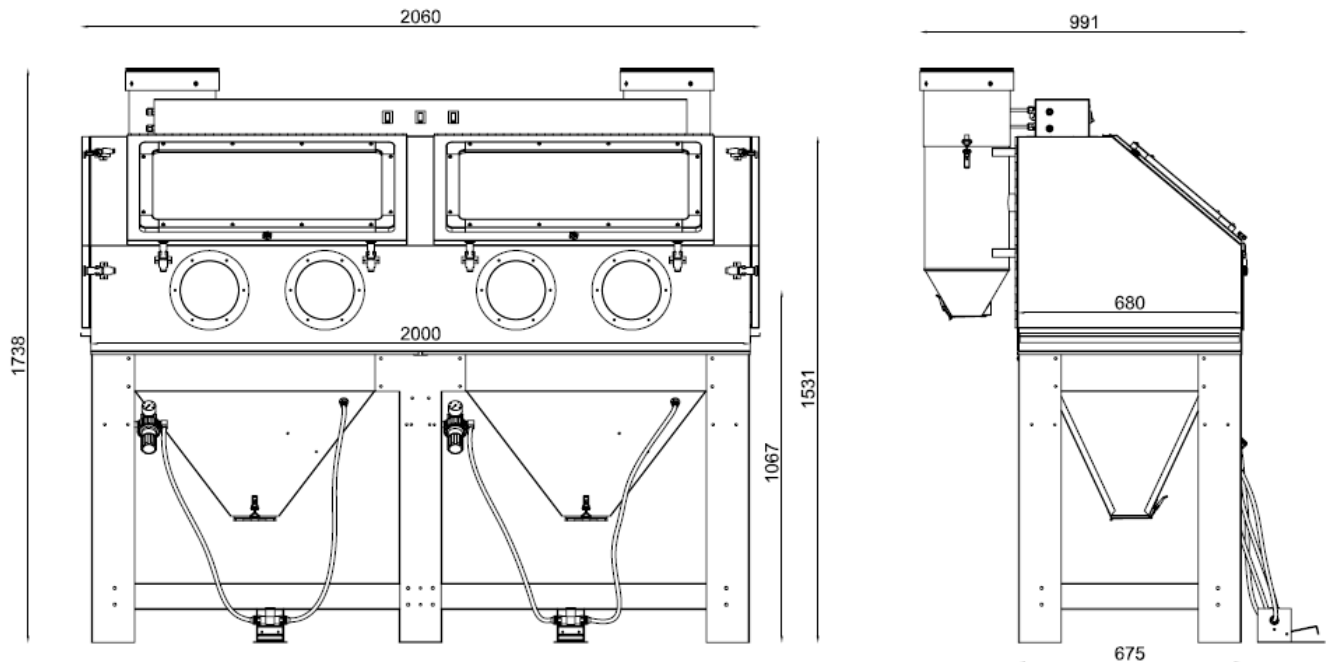
Working space size: 200x68x65cm (750m³)

Sand Diameter: **20-120 Grit**

Lamp power: 4x13w, 4000lumen

Grid loaded : 50kgs / 110LBS

N.W: 195kg



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General Safety Information

Any blast cabinet will produce a powerful flow of abrasive Particles. Please avoid personal injury and property damage. Study this manual thoroughly before assembling, operating or servicing this blast cabinet.

▲ WARNING

1. *During operation, do not expose the hands or skin directly in the line of the blast nozzle.*
2. *Ensure all components seal properly after assembly.*
3. *Do not exceed the maximum operating pressure of the blasting equipment*
4. *Disconnect the cabinet from the air supply before changing accessories or attempting to install, service, relocate or perform any maintenance.*
5. *Check hoses and air lines for weak or worn condition before each use. Make sure all the connections are secure before use.*
6. *Do not point the abrasive blaster gun at anyone or objects.*
7. *Before installing the machine, consider the availability and proximity of the required power supply circuit. If an existing circuit does not meet the requirements for this machine, a new circuit must be installed. To minimize the risk of electrocution, fire, or equipment damage, installation work and electrical wiring must be done by an electrician or qualified service personnel in accordance with all applicable codes and standards.*



▲ DANGER *Chemicals, including lead includes in this product or its power cord. Wash hands after handling*



▲ DANGER *The dust can be created when you sweep, blast, cut, sand, drill or grind materials such as wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects, or other reproductive harm. Wear protective gear.*



▲ DANGER *Fire or Explosion Hazard! DO NOT USE a sand blaster around combustible or flammable liquids, dusts, gases, oily rags, or other materials that can explode or burn quickly. Some abrasives create sparks when they hit metal. Abrasives similar to aluminum oxide may generate static electric sparks which will cause fires or explosions in an unsafe environment.*



▲ DANGER *Static electric shocks can be painful. Please wear leather or rubber soled shoes or boots and stand on the ground to avoid static electricity. A grounded wire attached to the sand blast gun will safely remove the static electricity.*

Operation Method

Connect gas and power supply—open operation door---load abrasive---put work piece in---lock the door---turn on vacuum cleaner then intake valve---adjust working pressure---step foot paddle to start.

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Operating Principle

To adjust airflow, close cabinet door and turn on the vacuum. There should be sufficient negative pressure in the cabinet to cause the blast gloves to “balloon” slightly.

Operation Notice

1. Thoroughly read and understand this instruction manual before using the Blast Cabinet.
2. Always plug into a properly grounded outlet. Never operate the blast cabinet without a properly filtered shop-type, dust collecting vacuum. If dust is seeping out of your vacuum filter, stop immediately and replace filter!
3. The inlet air supply must have a moisture separator capable of removing all moisture

and impurities from the air supply. Moisture and/or oil in the air supply will cause clumping and clogging of the media. A suitable regulator must be used to limit incoming air pressure. Discharge steam-water separator 1-2 times daily.

4. When you finish, clean all abrasive out in order to prevent breakdown for next operation.

Maintenance

NOTE: Disconnect power and air before the maintenance.

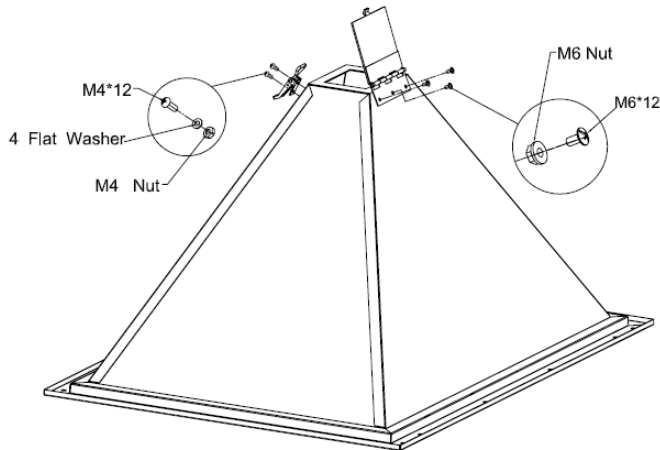
Cleaning: please clean the machine or parts with a soft cloth. DO NOT use solvents to clean.

Avoiding clog: the moist media will cause the block of nozzle. Try dislodging the media with a drill bit.

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Assembly






1



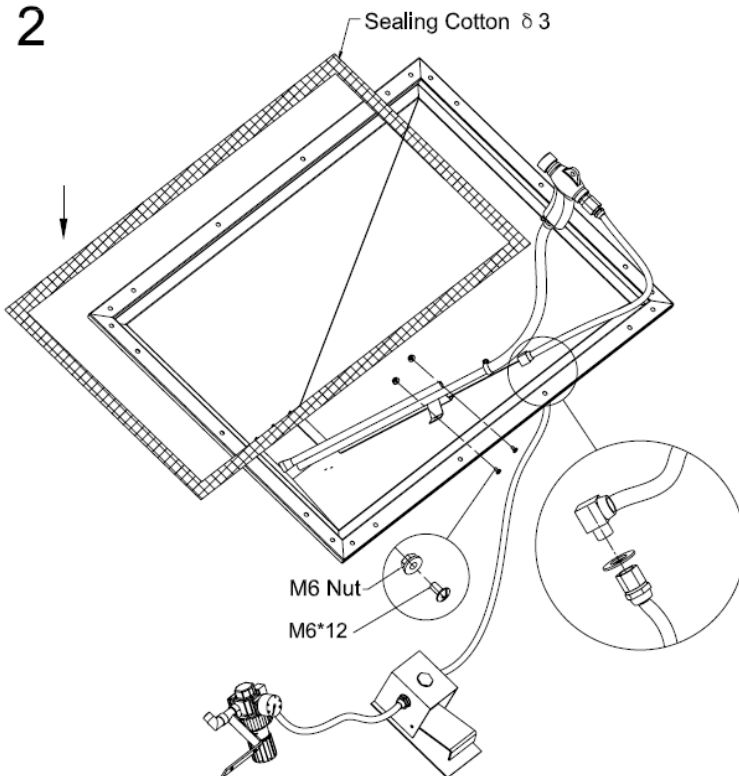
1. Fasten the cover to the funnel by using M6*12mm screw and M6 nut for two sets;

2. Fasten the latch to the funnel by using M4*12mm screw, flat washer and M4 nut for two sets;

Hardware

M6x12	SCREW	6	
M6	Nut	6	
M4x12mm	SCREW	4	
4	Flat Washer	4	
M4	Nut	4	

2







1. Stick sealing cotton: with 3.0mm thickness sealing cotton stuck on the funnel

2. Air hose: unscrew the connector joint on the air hose of blaster gun, and then fixed on the funnel hole location on the right side.

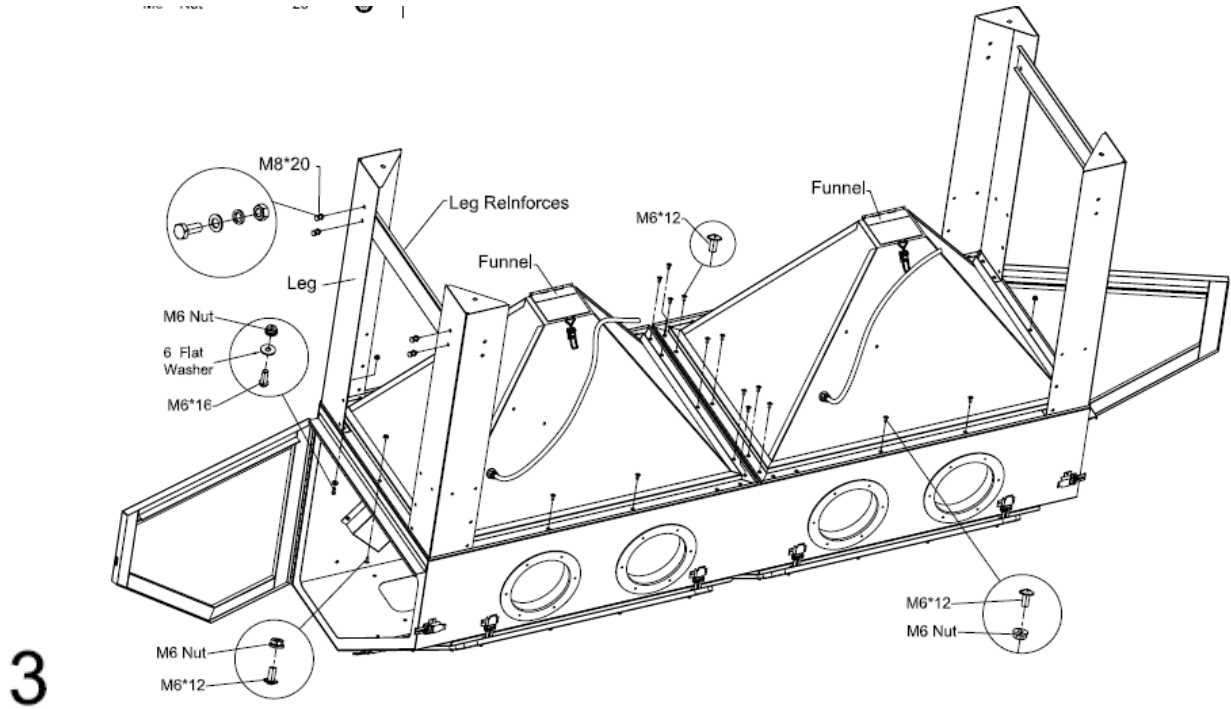
3. Sand hose: Unscrew the hoop on the sand hose of blaster gun, inserted on sand suction tube and locking hoop; by using M6x12mm screw and M6 nut mounded the sand suction tube fixed on the funnel.

4. With the same assembly method to two funnels.

Hardware









M6x12	SCREW	4	
M6	Nut	4	
Sealing Cotton	δ 3		
Nylon cable tie		2	

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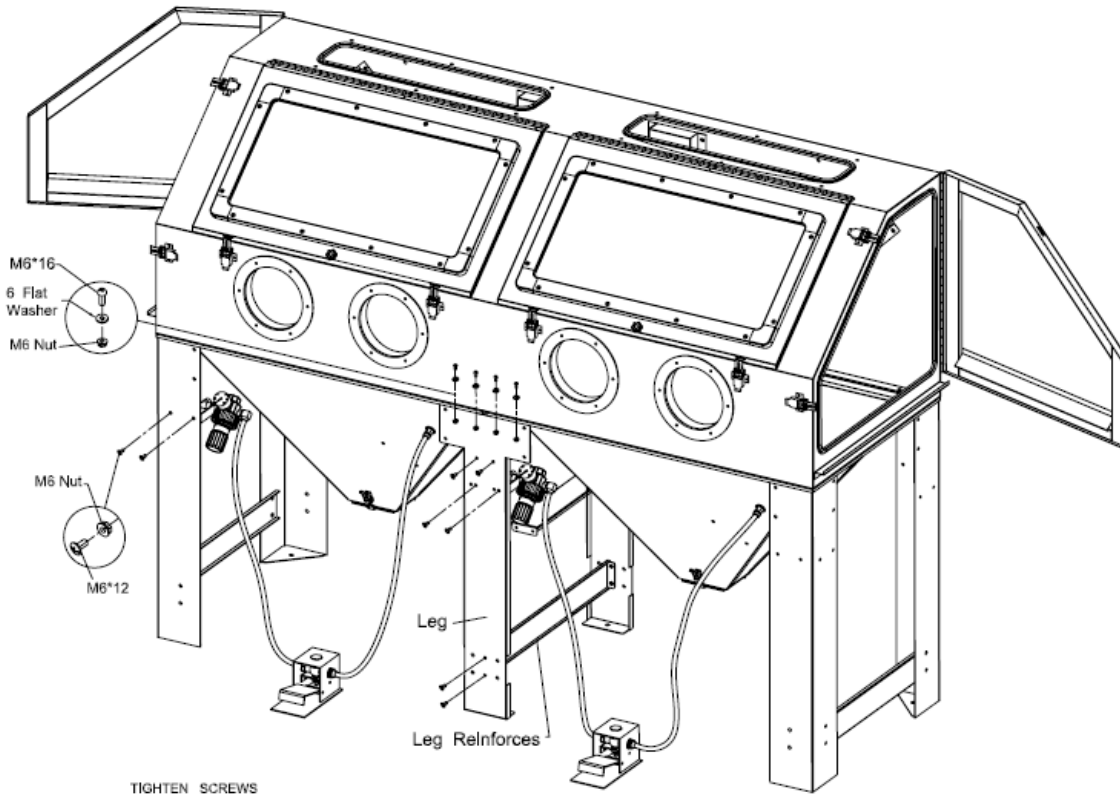
1. Place the cabinet as shown in the picture, put the funnel on it, attention air hose in the funnel is located **on front cabinet (same side with glove hole)**;
2. Assembly funnel to cabinet as shown in the picture, by using 12pcs screw M6*12 and nut, don't tighten the bolt.
3. Assembly the 4-foot to cabinet, as shown in the picture, by using 16pcs screw M6*16 and nut, don't tighten the bolt.
4. Do not tight the 8 screws for the middle leg
5. Assembly leg reinforces by using M8X20mm (Shown in the picture)
6. Tighten the all screws.

Hardware

M6x16 SCREW	16		M8x20 SCREW	8	
6 Flat Washer	16		M8 Nut	8	
M6x12 SCREW	20		8 Flat Washer	8	
M6 Nut	26		8 Spring Washer	8	





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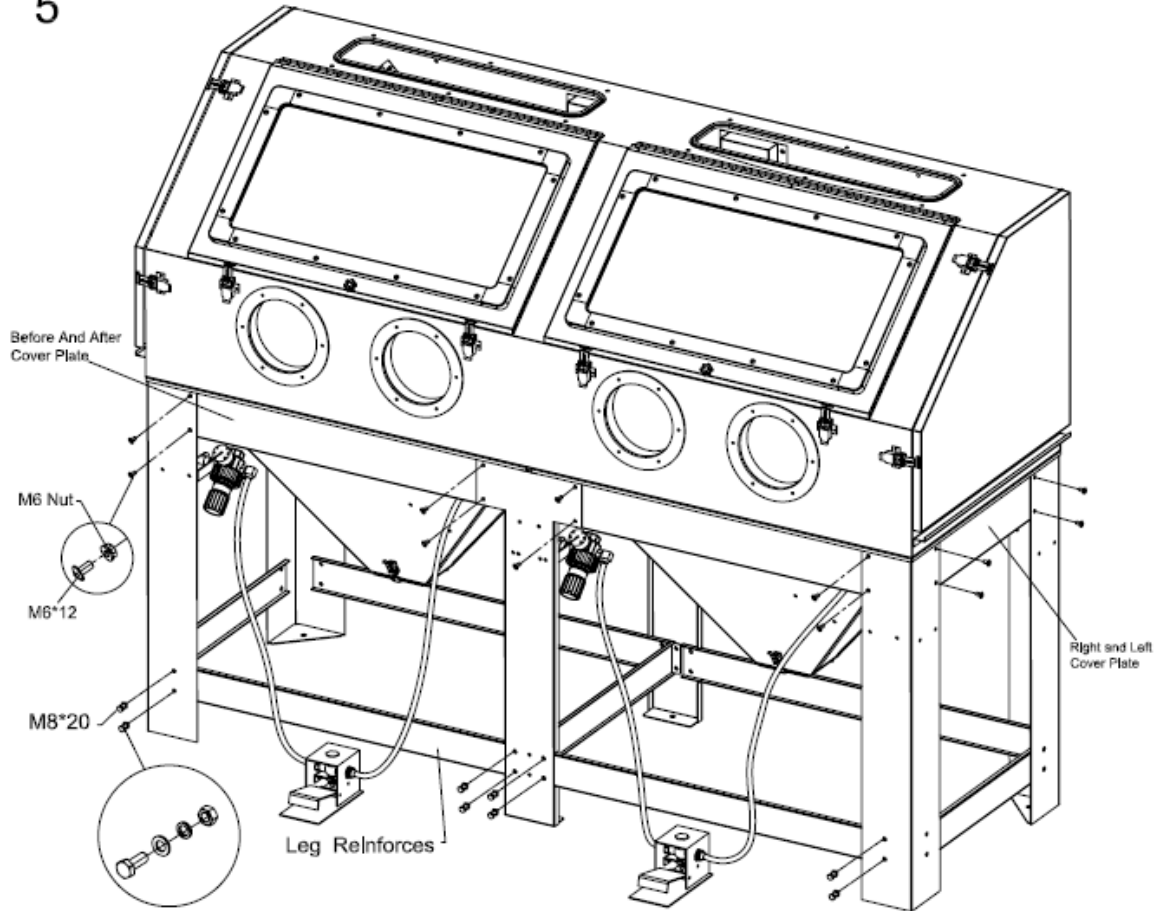
1. Stand upright the cabinet, fasten the middle foot and funnel to cabinet by using M6x16mm screw with flat washer and nut;
2. Mount the leg reinforces to the middle foot by using M6X12mm
3. Fasten two regulators to the leg by using M6X12mm screw and nut.

Hardware

M6x16	SCREW	8	
M6x12	SCREW	12	
6	Flat Washer	8	
M6	Nut	20	

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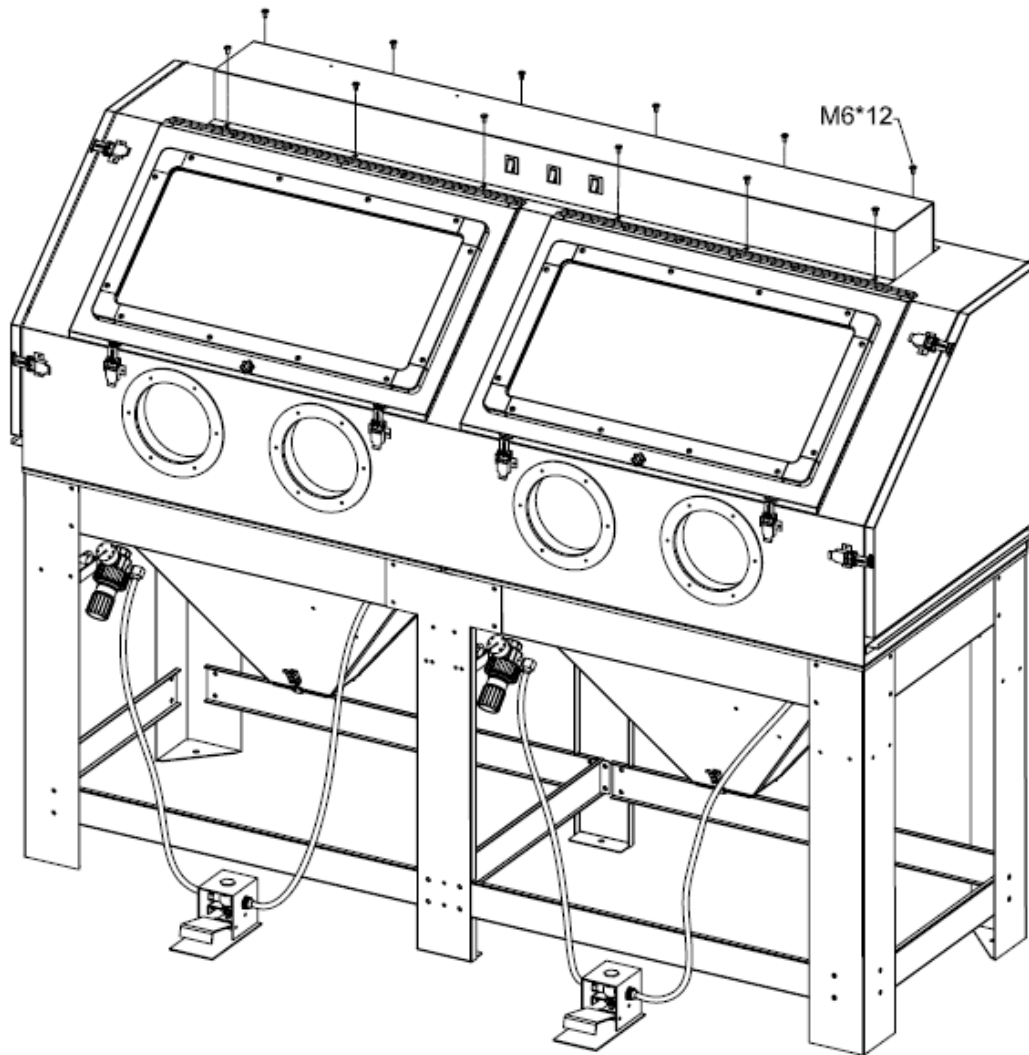
1. Assemble four leg reinforces between legs by using M8X20mm screw and spring washer and nut.
2. Assemble the before and after, left and right cover plate on the legs by using M6X12mm screw and nut.

Hardware

M8x20 SCREW	16		M6x12 SCREW	24	
M8 Nut	16		M6 Nut	24	
8 Flat Washer	16				
8 Spring Washer	16				


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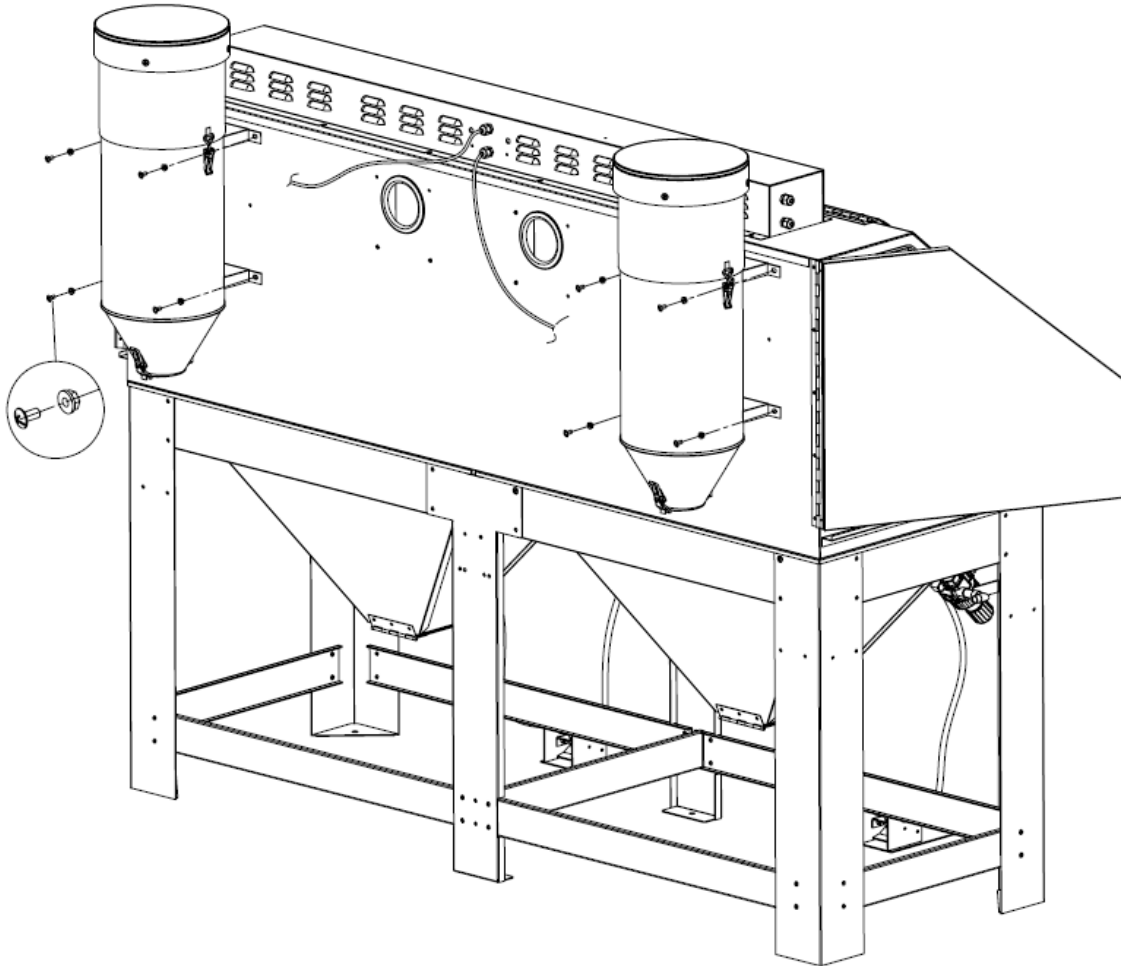
As shown in the picture, mount the lamp housing on the cabinet by using M6X12mm screws.

Hardware



M6x12 SCREW 12 

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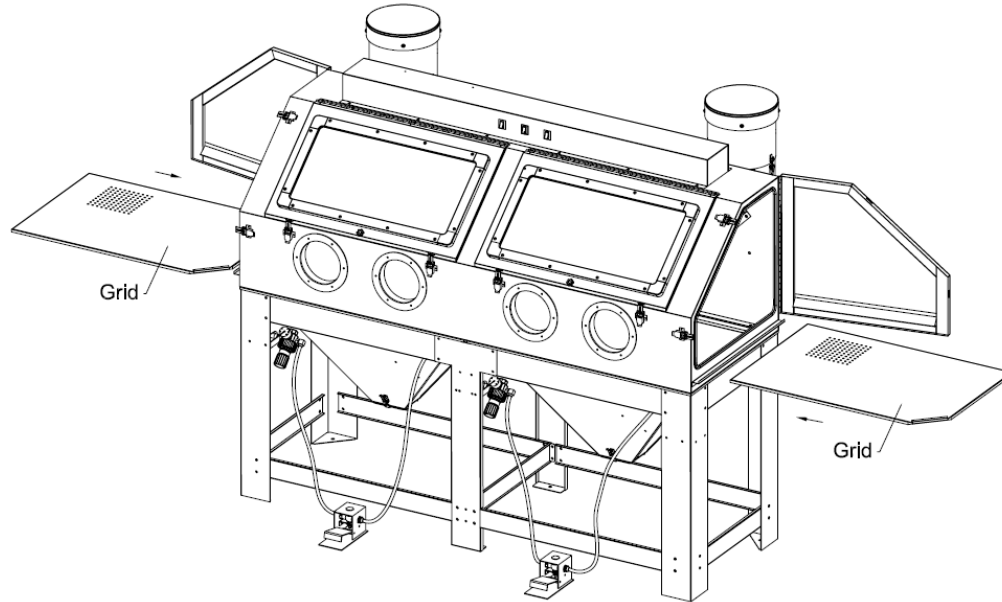


Fix two dust collectors to rear cabinet by using M6X12mm screw and nut, then wire and plug connect.

M6x12	SCREW	8	
M6	Nut	8	

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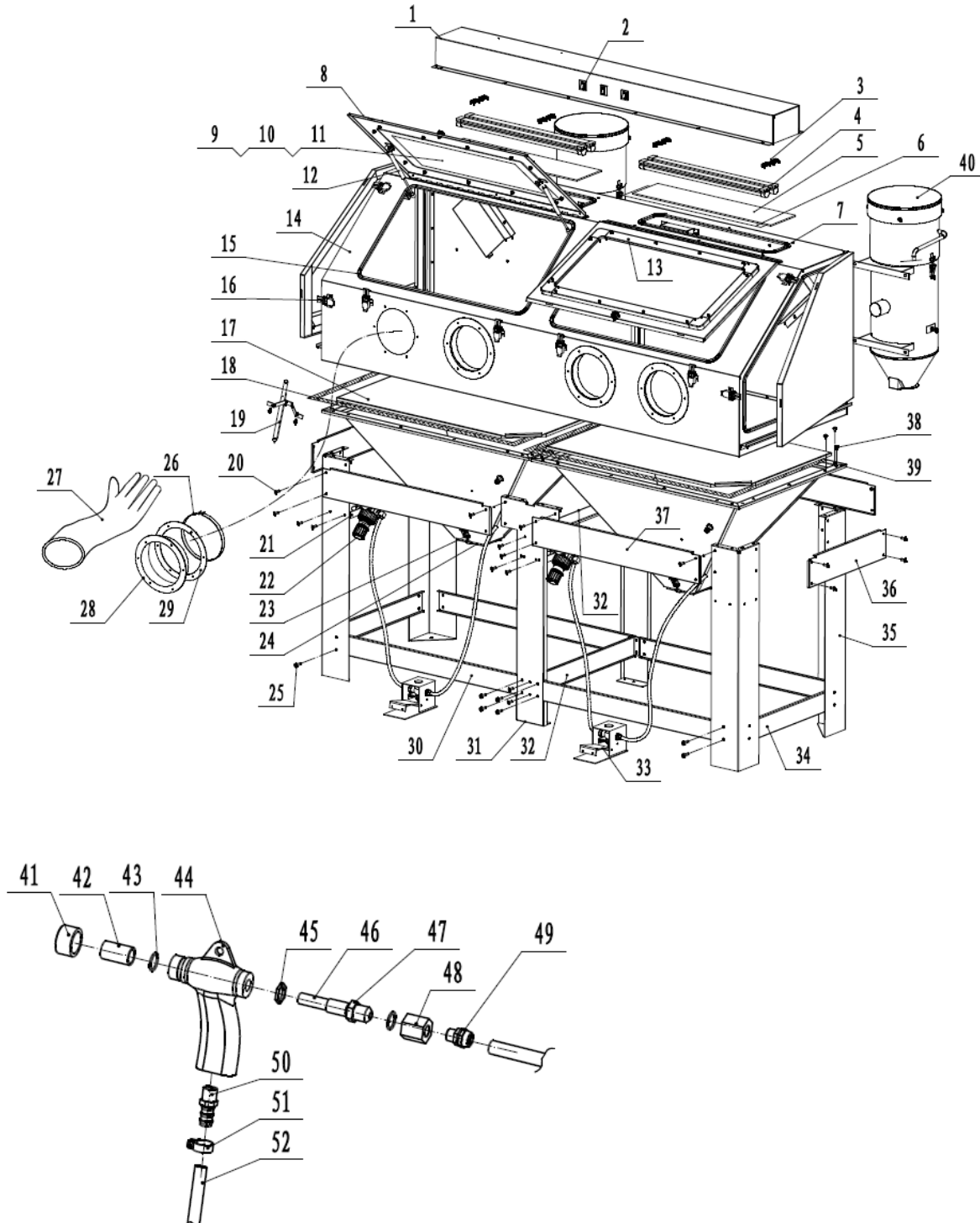
8



Open the left and right door, firstly lay the grids into the cabinet, and keep two blaster guns on top of the grid.

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Parts



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Part No.	Description	Qty.
1	Lamp housing	1
2	Switch	3
3	LED clip	8
4	LED lamp	4
5	Glass for lamp window	2
6	Protection film for lamp window	2
7	Rubber seal for lamp	2
8	Front door assembly	2
9	Plastic window	2
10	Glass for window	2
11	Protection film for window	2
12	Spring hydraulic main support	4
13	Window frame cover	2
14	Cabinet assembly	1
15	Rubber seal for window	2
16	Latch	8
17	Grid	2
18	Sealant cotton	2
19	Abrasive suction pipe	2
20	Screws M6x12	92
21	Fixture for regulator	2
22	Pressure gauge with air regulator	2
23	Latch	2
24	Funnel cover	2
25	Screws M8x20	24
26	Glove's clamp	4
27	Glove	2
28	Glove seat	4
29	Glove's seal ring	4
30	Leg reinforces	4
31	Middle leg	2
32	Reinforces for middle leg	2
33	Foot pedal	2
34	Leg reinforces	2
35	Leg	4
36	Cover plate (left and right)	2
37	Cover plate(front and back)	4

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38	Screws M6x16	24
39	Funnel	2
40	Dust collector	2
41	Nozzle adaptor nut	2
42	Ceramic nozzle set (ϕ 6,6,7,7mm)	2
43	O-ring, nozzle	2
44	Gun body	2
45	Locking nut	2
46	Air jet sleeve	2
47	Air jet	2
48	Air inlet fitting	4
49	Connector 12-G1/4"	2
50	Quick connector G3/8"	2
51	Clamp	2
52	Sand hose 1/2"	2