

User's manual
Manual del usuario
Manuel de l'utilisateur
**Customer Service
US: 1-800-645-2986**
**Servicio de atención al Cliente
US: 1-800-645-2986**
**Service à la clientèle
Canada: 888-645-2986**

Portable Sandblaster 5 Gallons

Model(s): 320776


Specifications

MODEL	MAX. WORK PSI	Air Inlet NPT(F)	Hopper Capacity (lbs)	Min. Air Hose Size
320776	125	Quick Connector	37	OD 10mm x ID 6.5mm (1/4") x L 530mm

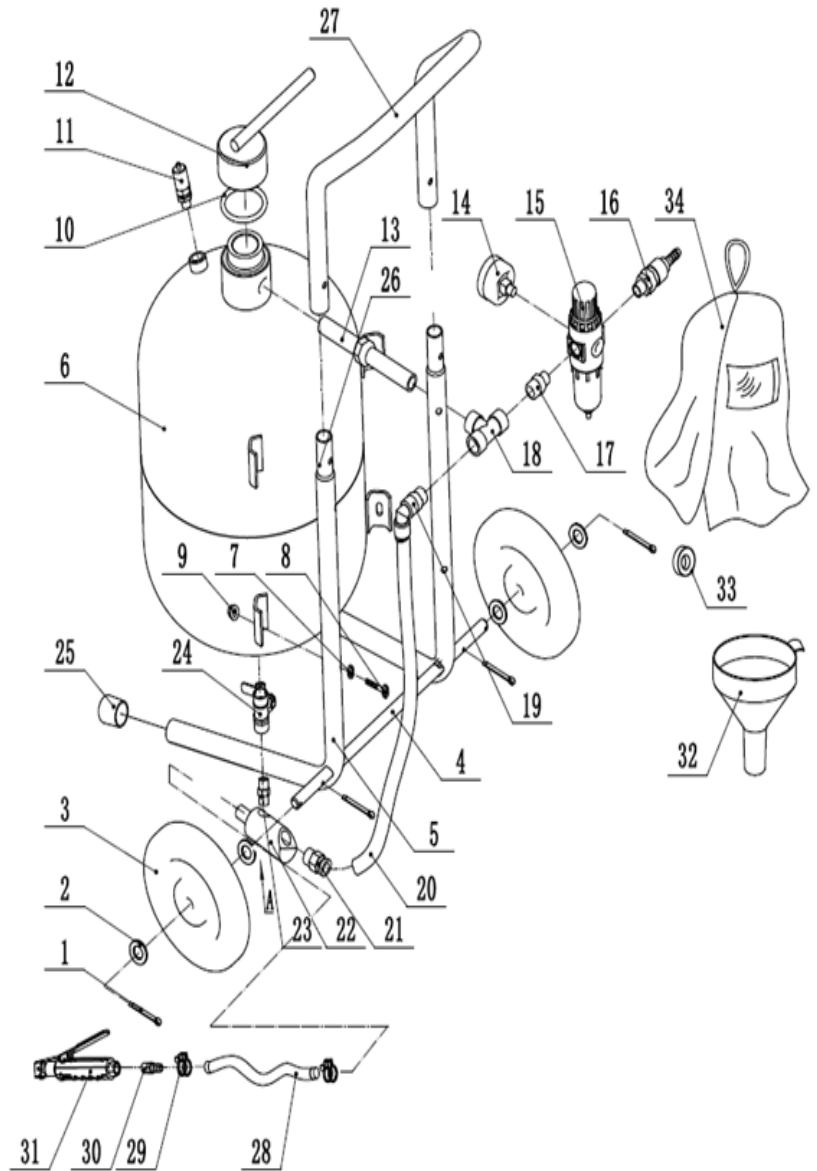
DANGER

- CHEMICALS SUCH AS LEAD ARE FOUND IN CORD AND SAND BLASTER. BE SURE TO WASH HANDS AFTER USE.
- ALWAYS WEAR PROTECTION AND RATED GEARS SUCH AS GLOVES, GOGGLES, AND MASK WHILE OPERATING SAND BLASTER.
- DO NOT OPERATE SAND BLASTER NEAR OR AROUND COMBUSTIBLE AND/OR FLAMMIBLE LIQUIDS, GASES, OILY RAGS, OR COMBUSTIVE MATERIAL. SPARKING CAN OCCUR WHILE SAND BLASTING, WHICH COULD RESULT IN FIRE OR EXPLOSIONS.
- ENSURE OPERATOR IS GROUNDED AND WEARS PROPER ANTI-STATIC GEAR.

NOTE

- INSPECT ITEM CAREFULLY FOR MISSING PARTS OR DAMAGE.
- DO NOT USE SANDBLASTER IF ANY PARTS ARE MISSING, BROKEN, OR DAMAGED
- INSPECT FITTINGS AND CONNECTIONS BEFORE OPERATING.
- ENSURE OPERATOR READS AND UNDERSTANDS MANUAL PRIOR TO OPERATION.
- CONDUCT NECESSARY MAINTANANCE TO SANDBLASTER WHEN REQUIRED.
- FOR OPTIMAL PERFORMANCE, AVOID USING SANDBLASTER IN DAMP AND WET AREAS.
- KEEP CHILDREN AWAY FROM SANDBLASTER.
- DISCONNECT AIR COMPRESSOR WHEN SANDBLASTER IS NOT IN USE.

Ref	Description	QTY.
1	4 x 36 mm Cotter Pin	4
2	M13 Flat Washer	4
3	6" x 1.5" Inch Plastic Wheels ID 13.5 mm	2
4	D 12 mm x L 344 mm Wheel Axel	1
5	Axle Bracket	2
6	Tank	1
7	M6 Flat Washer	4
8	M6 x 35 mm Screw	4
9	M6 Nut	4
10	OD 45mm x D 5 mm O-Ring	1
11	125psi (ASME-NPT1/4") Safety Valve	1
12	Tank Cap	1
13	Connector Tube	1
14	Pressure Gauge Valve	1
15	Filter Reducing Valve (0 - 150 psi)	1
16	PH20 & SM20 pneumatic coupling connector (G1/4")	Each
17	G1/4" x 3/8" Brass Nipple Intake Connector	1
18	G3/8" Tee Air Manifold	1
19	PL10-03 Elbow Type Quick Connector	1
20	OD 10mm x ID 6.5mm x L 530mm Air Hose	1
21	PC10-03 Quick Plug-In Connector	1
22	Tee Type Manifold	1
23	G3/8" Brass Nipple	1
24	G3/8" Shut Off Valve	1
25	5G x 22mm Rubber Boot	2



Ref	Description	QTY.
26	5G Spring Loaded Pin	2
27	U shaped Handle	1
28	8ft Abresive Hose D 12 mm x L 2.5m, 1.6 MPa	1
29	Hose Clamp ID 25mm	2
30	G3/8" Connector D 13.5 mm	1
31	Blast Gun 3.5 mm Nozzel	1
32	Funnel	1
33	Teflon Tape	1
34	Hood	1

Assembly Instructions



1. Insert axle bracket (Ref 5) into both ends of the wheel axle (Ref 4). Ensure that fastening holes on axle bracket point outwards.



2. Insert cotter pin (Ref 1), washer (Ref 2), wheel (Ref 3), washer, and cotter pin in the order shown above. Assemble on both sides of the wheel axle.



3. Place tank (Ref 6) on the floor and lay axle bracket assembly on the fastening points. Fasten the bracket to tank with the M6 screw (Ref 8), washer (Ref 7), and nut (Ref 9).



4. Connect air hose (Ref 20) from tank to tee air manifold (Ref 18).



5. Attach U shaped handle (Ref 27) to axle bracket. Ensure push pins snap into place and lock handle.



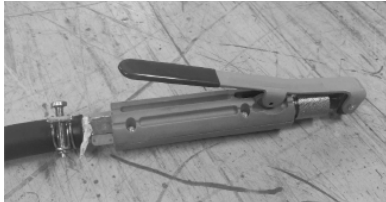
6. Attach pneumatic connector (Ref 16) to filer (Ref 15).

Operating Instructions

7. Attach abrasive hose (Ref 20) to tank using hose clamp (Ref 29).



8. Connect blast gun (Ref 31) to connector hose.



Loading abrasive into tank

1. Ensure abrasive is dry.
2. Turn off air supply and read gauge until it reaches zero pressure.
3. Insert funnel and pour abrasive into the tank. Never fill tank to full capacity. For multiple usages refill and keep tank to 3/4 full.
4. Close gasket and open air supply valve.
5. As you begin to pressure the tank, ensure that there are no air leaks throughout the assembly.

Operation

1. Keep operating air pressure between 60~125 PSI.
DO NOT EXCEED 125 PSI.
2. Ensure that the abrasive material being used is compliant and operational with this item's capabilities.

Maintenance

1. While operating, ensure sandblaster tank is not located in spray reach of spray nozzle.
2. Do not operate sandblaster if there are any air leaks in the air supply.
3. Regularly inspect sandblaster hose. During maintenance check, run compressor without any abrasive material. Running your hand down the hose, you should feel any air leaks and blisters. If you spot any sign of wear, replace hose immediately.

Troubleshooting Chart

Problem	Cause	Solution
Low air pressure	<ol style="list-style-type: none"> 1. Incorrectly set regulator. 2. pinched /kinked hose. 3. Dirty air compressor filter. 	<ol style="list-style-type: none"> 1. Reset regulator 2. Un-pinch hose. 3. Replace Filter.
Material not blasting from gun	<ol style="list-style-type: none"> 1. Clogged hose. 2. Buildup around jet. 3. Damp abrasive. 4. Water in Air Supply 	<ol style="list-style-type: none"> 1. Lower pressure below 60 PSI. 2. Remove nozzle and clean around jet. 3. Replace abrasize. 4. Completely drain compressor tank.
Low vacuum	<ol style="list-style-type: none"> 1. Worn Jet / Nozzle 2. Buildup around jet/ Nozzle 	<ol style="list-style-type: none"> 1. Replace Jet / Nozzle. 2. Dissassembly and clean nozzle and jet.
Air/Abrasive leaks in jet/nozzle area	<ol style="list-style-type: none"> 1. Loose or damaged connection. 2. Damaged O-ring 	<ol style="list-style-type: none"> 1. Tighten and/or replace nozzle and/or jet. 2. Replace O-ring.
Vacuum Leak	<ol style="list-style-type: none"> 1. Loose hose. 2. Damaged O-ring. 	<ol style="list-style-type: none"> 1. Tighten hose 2. Replace O-ring.
Particle Clogging	<ol style="list-style-type: none"> 1. Hose connector is covered. 	<ol style="list-style-type: none"> 1. Uncover hose connect.