

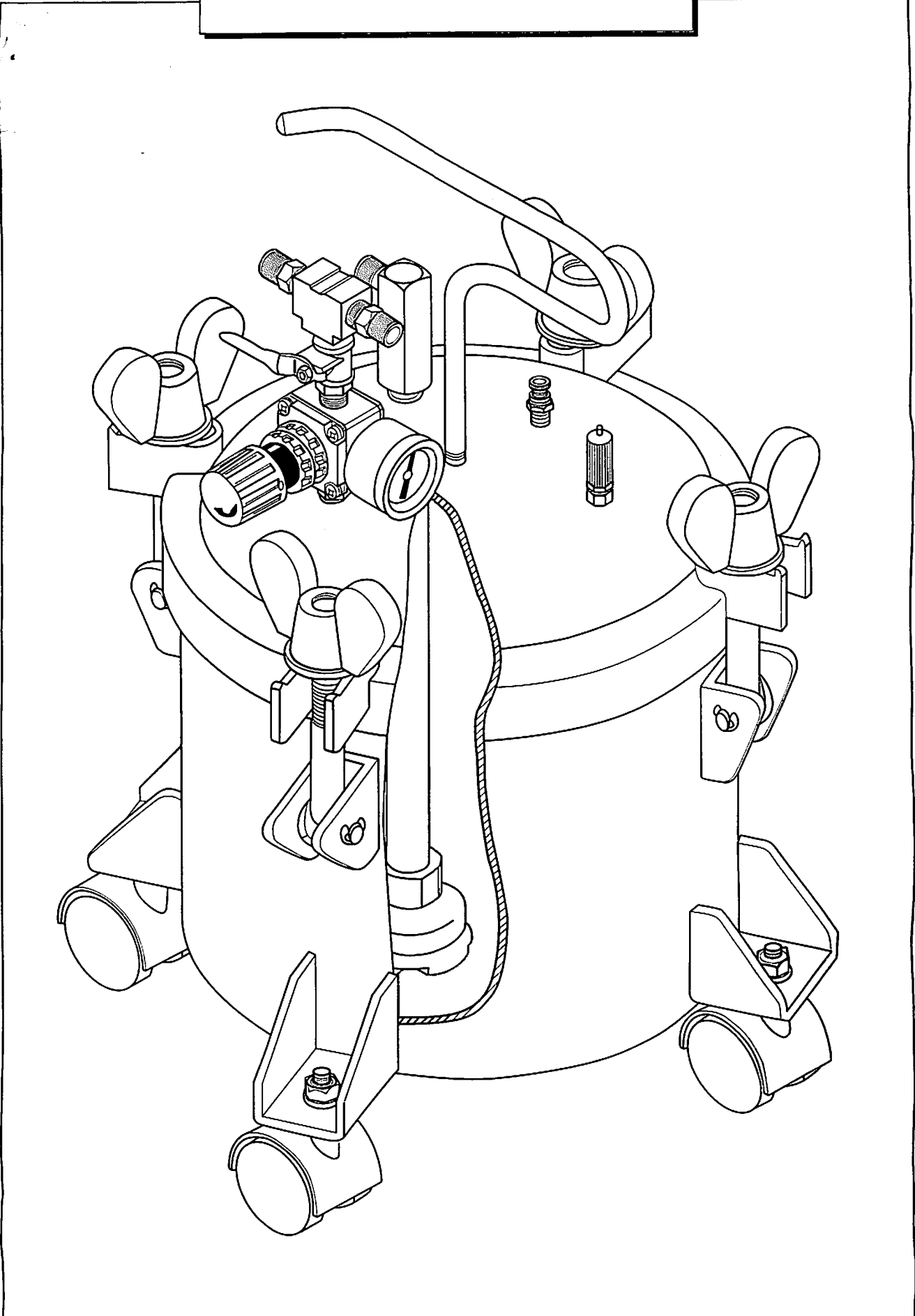
STAINLESS STEEL

2 1/2 GALLON PRESSURE TANK

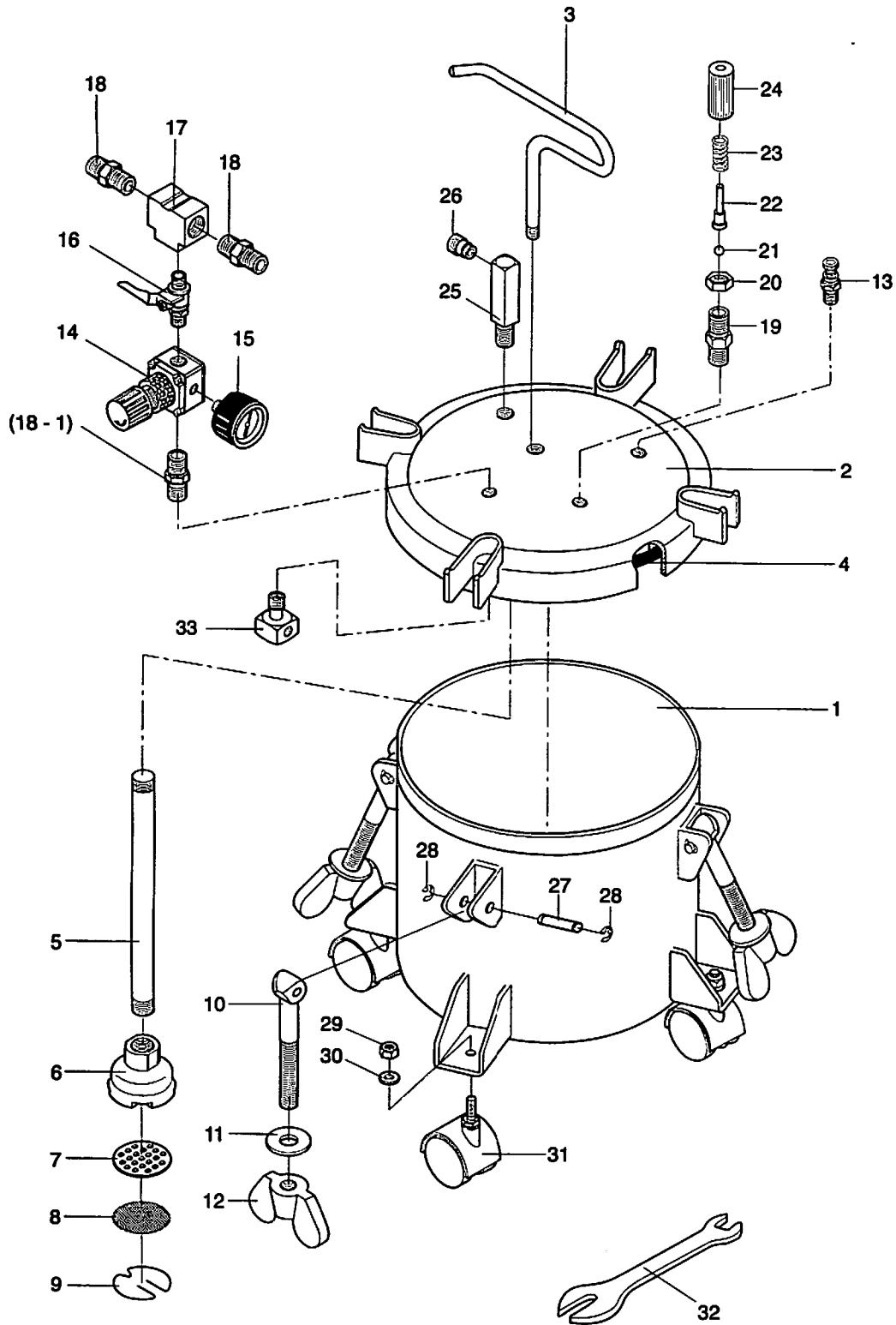
OPERATOR'S MANUAL



2 1/2 AIR TANK STRUCTURAL DRAWING



SCHEMATIC DRAWING



ITEM NO:	DESCRIPTION	Q'ty
1	MATERIAL TANK	1
2	LID ASSEMBLY	1
3	HANDLE	1
4	GASKET	1
5	FLUID TUBE	1
6	ABSORPTION APPARATUS	1
7	FILTER BASE	1
8	MATERIAL FILTER	1
9	SNAP RING	1
10	SWING BOLT	4
11	WASHER	4
12	THUMB NUT	4
13	RELEASE VALVE	1
14	PRESSURE REGULATOR	1
15	PRESSURE GUAGE	1
16	AIR COCK	1
17	BRANCH TEE	1
18	ADAPTER (PRESSURE AIR)	2
18-1	ADAPTER	1
19	ADAPTER	1
20	NUT	1
21	STEEL BALL	1
22	NEEDLE ROD	1
23	SPRING	1
24	SAFETY VALVE SHELL	1
25	FLUID OUTLET ADAPTER	1
26	ADAPTER	1
27	COTTER PIN	4
28	C-SNAP RING	8
29	NUT	4
30	WASHER	4
31	WHEEL	4
32	SPANNER	1
33	AIR FLOW GUIDER	1

GENERAL DESCRIPTION

This 2 1/2 gallon pressure tank is equipped with an air pressure regulator, safety valve, release valve, material outlet adapter for its durability, all these components are made with the finest materials and were strictly inspected before assembly. For operator's convenience, there are 4 moving wheels were considerate designed at the bottom of the main body.

The capacity of this versatile tank enables you to carry out most any job with professional results. What's more, it can also spray materials other than paint.

※ **Stainless steel pressure tank is recommended for the application of waterbased material or strong acid material, strong alkaline material, corrosive material or high viscosity material.**

CAUTION

This pressure tank is not specially designed for highly abrasive, corrosive or rust inducing materials. So, if any of these materials is necessary to be sprayed, the lid gasket must be changed with an optional one in advance.

Afterward, frequent and thorough cleaning is advised to reduce the necessity for the replacement of parts. (Not suitable for stainless steel pressure tank)

WARNING

1. This pressure tank is only allowed to provide pressurized material up to maximum load of 80 PSI. Exceed this allowable load can result in explosion.
2. The safety valve is designed to protect the tank from over pressurized.
The original valve of it is set as 60 PSI. Make sure not to adjust it if not necessary indeed.
3. Do not make drilling, welding or other from of machine to any part of the tank.
Because the tamper caused by those in - proper perform will weaken the structure.

OPERATING

Make sure there is no pressured air remained in the tank before using. If there is, release it with turning release cock counter - clock - wise until pressure bleeds down.

- 1 Loosen thumb nut and swing bolt, then remove lid assembly.
- 2 Pour material into the tank.
- 3 Replace the lid assembly and tighten securely.
- 4 Connect the air supply hose to the air inlet, which is fitted above pressure regulator.
It's better for the air supply hose to pass through a transformer to filter dirt from air and remove entrained water and oil!
- 5 Connect the atomization air hose to the air outlet, which is fitted directly opposite to the air inlet.
- 6 Connect material hose to the fluid outlet.
- 7 Turn on the air supply, turn pressure regulator clock - wise to gain working pressure.
Make sure not to adjust it over 80 PSI!
- 8 Atomization air for the spray gun can be adjusted at the gun by means of an air adjusting valve or adding an air regulator kit to the tank.
- 9 Operate spray gun according to the instructions attached with it.
- 10 Refer to the figure shown below for a typical assembly.

MAINTENANCE: CLEANING EQUIPMENT

- 1 Turn air cock off.
- 2 Release all pressure air.
- 3 Loosen all the thumb nuts.
- 4 Loosen air cap retaining ring on spray gun about three turns.
- 5 Cup cloth over air cap on the gun and pull trigger.

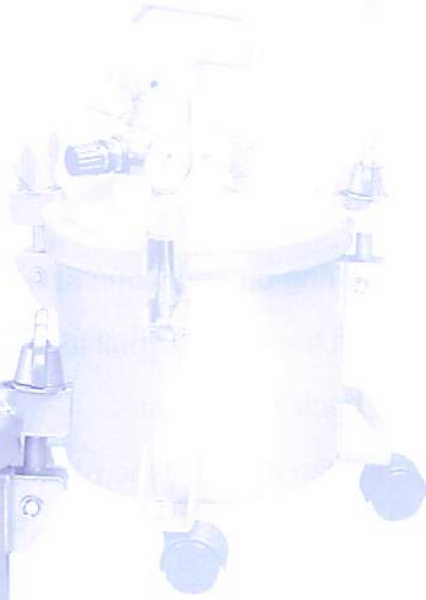
This will force material back into the tank.

- 6 Empty the tank. Then, clean it and all the parts which come in contact with material, with a suitable solvent.
- 7 Pour clean solvent into the tank.
- 8 Replace the lid and tighten all the thumb nuts.
- 9 Turn air cock on.
- 10 Spary until clean solvent appears.
- 11 Repeat steps 1 - 5 in order to force the solvent back to the tank.

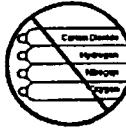
TROUBLE SHOOTING

PROBLEM	CAUSE	REMEDY
Indicator on air pressure gauge is out of function	Broken or damaged	Replace it !
Material tends to settle out rapidly	Not enough agitation of material	Increase agitation
Material or air leak from lid gasket	Lid gasket is worn or thumb nuts not tightened	Replace it or tighten it
Air leak from release cock after being screwed	The O-ring in it is damaged	Replace it !
Material dose not come out smoothly	Filter or fluid tube is clogged	Check and clean it

Note: Check pressure gauge occasionally. The indicator should indicate to zero when there is no pressure in the tank.



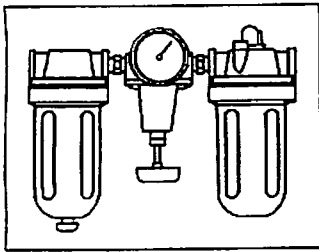
SAFETY INSTRUCTIONS



Do not attempt to operate the tool until you read and understand all safety precautions and manual instructions.
Never allow using oxygen or combustible gas as a power source for the tool. Use filtered, lubricated, and regulated compressed air only.

Never use gasoline or other flammable liquids to clean the tool. Vapors in the tool will ignite by a spark and cause the tool to explode.

While using this pressure air tank do not exceed maximum permissible operating pressure 5 bar.



- Many air tool users find it convenient to use oiler to help provide oil circulation through tool and increase the efficiency and useful life of the tool. Check oil level in the oiler daily. Many air tool users find it convenient to use a filter to remove liquid and impurities, which can rust or wear internal parts of the tool. A filter also increase the efficiency and useful of the tool. The filter must be checked on a daily basis and if necessary drained.



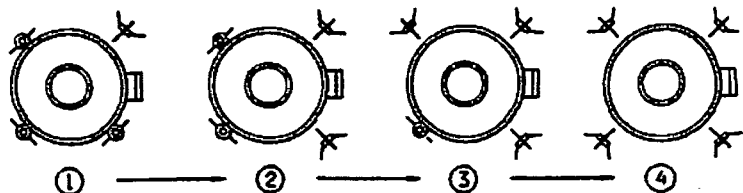
- Wear hearing protection
Employers and users are responsible for Ensuring the user or anyone near the tool wears this safety protection.
- Never point any operational pneumatic tools at yourself or at any other person.
- End users are responsible for the CE compliance safety valve.
- Anti electro static discharge shall be taken cant at some aea

Installation of Pressure Tank

Before use, the nozzle shall be checked for well connection for inlet (compressed air) and outlet (paint hose).

Fill of contain shall not be over its 80% of shell height and follow the instruction as below,

- Do not open the lid at any time before the pressure gauge returns to zero. To ensure safety, persons who operate this device shall be well trained.
- When processing the loading and unloading lids make sure that the temperature is below 40°C and the tank pressure is at 0kg/sm² G before opening the lids.
- When processing the contain loading and unloading, first loosen the wing nuts and open the lid slightly to make sure that there is not residual pressure left in the tank. After checking, remove wing nuts and fully open the lid. Loosen the wing nuts in the order as shown in following diagram.



OPEN SEQUENCE