

# PT20

## INSTRUCTION MANUAL



This instruction manual contains important safety information, precautions, warnings and cautions for safe operation.

**BEFORE YOU USE THIS PRODUCT:**

- Read this manual thoroughly

- Ensure you understand all instructions

- Are familiar with all the components of the product

Keep this manual in a safe place for future reference

## Description

This 20 litre pressure pot provides material under pressure. This item is equipped with an air regulator, pressure gauge, safety valve, air release valve and fluid outlet.

It is supplied with a stainless steel liner and wheel set.

It can be used for the supply of materials other than paint.

It is not designed for use with highly abrasive, corrosive, toxic or rust inducing materials.

## Installation

***Follow the manufacturers recommendations for the mixing preparation of the material. Strain the material using a fine mesh screen in order to prevent the entry of foreign matter and clogging of the material passageways.***

1. Always relieve all air pressure in the tank by loosening the air release valve – Part 7 – until no air pressure remains in the container – the air gauge will read '0'.
2. Loosen thumb screws and tip clamps backwards, then remove lid assembly.
3. Pour strained material into the tank.
4. Replace lid assembly and clamps and tighten thumb screws.
5. Ensure air supply is turned off and then connect air supply line to air inlet fitting on the regulator. It is recommended that the air supply be passed through a filter regulator to remove any dirt, water and oil residues.
6. Attach the air atomizing hose to the air outlet on the regulator. Connect the other end to the spray gun.
7. Connect the material hose to the fluid outlet fitting on the tank. Connect the other end to the spray gun.

## Operation

1. Turn the air supply on and adjust supply pressure to approximately 40psi.
2. Turn the knob of the air regulator on the tank clockwise to increase pressure.

***NOTE: IT IS RECOMMENDED THAT THE MATERIAL PRESSURE BE KEPT AS LOW AS POSSIBLE – NORMAL OPERATING PRESSURE SHOULD NOT EXCEED 15PSI***

3. ***WARNING:*** Air pressure loads higher than design loads, or alterations to the pressure tank can result in tank rupture or explosion.  
DO NOT make any changes to the pressure tank.  
DO NOT drill, weld, or otherwise tamper with the pressure tank.
4. A safety valve protects the tank from over pressurization.

Prior to each use pull the ring on the safety valve to ensure it operates freely and relieves air pressure. If it does not operate freely or relieve pressure it must be replaced prior to the tank being used. Do not alter or discard this safety valve.

Ensure it is free from contamination by paint.

5. Atomisation for the spray gun should be adjusted with the use of an air regulator fitted to the air inlet of the spray gun.
6. Operate the spray gun according to the manufacturer's instructions.
7. To refill the tank, release all air pressure by loosening the air release valve – Part 7 – until no air pressure remains inside the tank – the air gauge will read '0'.
8. Loosen thumb screws and tip clamps backwards, then remove lid assembly.
9. Pour strained material into the tank. Replace lid assembly and clamps and tighten thumb screws.

## Maintenance & Cleaning

1. Turn off the air supply to the tank.
2. Relieve all air pressure in the tank by loosening the air release valve – Part 7 – until no air pressure remains in the container – the air gauge will read '0'.
3. Remove the lid assembly from the paint tank and empty remaining material.
4. Clean tank and parts which come into contact with paint material with a suitable solvent.
5. Pour solvent into tank and replace lid.
6. Spray until clean solvent appears.
7. Repeat steps 2 through 5 as necessary

## Trouble shooting

Air leaking from regulator	Air fitting is loose	Tighten air connections
Gauge does not operate	Damaged needle on gauge	Replace gauge
	Air leaking from tank	Check & tighten fittings
Material Sprays unevenly	Strainer is blocked	Clean strainer
	Material too thick	Check viscosity of material
Fluid/air leak at tank gasket	Tighten wing nuts	Tighten nuts
	Gasket worn / damaged	Replace gasket