



# **PRESSURE TANK**

## ***OPERATING AND START-UP***

### **TRANSLATION OF THE ORIGINAL MANUAL**

***IMPORTANT : Before Assembly and Start-up, Please Read and Clearly Understand all the documents relating to this equipment (professional use only).***

THE PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR NOTICE.

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## 1. OPERATING PRINCIPLE

The tank is closed by means of a tight cover and pressurized with compressed air. This pressure exhausts the paint into a hose fitted to the spray gun. When increasing air pressure on the tank, you increase the fluid flow and inversely.

## 2. START UP

### ■ PREPARATION OF THE PAINT

Prepare the paint according to the manufacturer's instructions.

Filter the paint in order to remove the impurities that could choke the suction rod strainer or the spray gun.

### ■ FILLING OF THE TANK

**Before filling the tank, be certain that pressure has been relieved.**

For that reason, it is compulsory :

- To stop the agitator if it is worked by a pneumatic air motor. Shut off the air supply of the air motor.
- To shut off the air supply valve placed on the tank cover.
- Unscrew completely the safety valve to depressurize the tank.

**NOTA** : Comply with these instructions to reduce the risks of injuries and of paint splashings.

Unscrew the operating wheels and remove the cover.

Fill the tank with paint.

Place the cover on the cup and lock the whole by means of operating wheels in order to secure the system.

### ■ PRESSURIZE AND ADJUSTMENTS

Shut off the safety valve.

Unscrew the air regulator by means of the knob (pantone 382 colour).

Open the compressed air supply valve.

If the tank is equipped with an agitator :

- **Inject oil, model HP 150 into the agitator air motor to lubricate it** (refer to agitator instruction manual),
- Open lightly the needle valve placed on the air inlet of the motor,
- Adjust the speed of the agitator with the opening of the needle valve.

**NOTA** : **Do not operate the agitator at a high speed.** It can cause a deterioration of the paint, vibrations and reduce the working life of spare parts. The agitator is designed to homogenize the paint.

Turn the knob (pantone 382 colour) of the tank air regulator until you reach 1 bar / 14.503 psi.

Open the fluid outlet valve.

Trigger the gun until paint comes out without bubble.

Turn the black knob of the spraying air regulator.

Adjust the two air regulators to obtain a correct paint fan.

Air regulator with the knob (pantone 382 colour) : adjustment of the paint flow towards the spray gun.

→ **The pressure shall not exceed 3,5 bar / 50.76 psi.**

Air regulator with the black knob : adjustment of the air pressure of the spray gun.

### 3. SHUTDOWN AT THE END OF THE WORK

#### ■ SHORT DURATION SHUTDOWN

Unscrew the (2) air regulator(s).

Shut off the air supply valve placed on the tank cover.

Unscrew completely the relief-valve to depressurize the tank.

Keep the agitator working to prevent from the drying of paint.

#### ■ LONG DURATION SHUTDOWN

Unscrew the (2) air regulator(s).

Stop the agitator by shutting off the air supply of the motor.

Shut off the air supply valve placed on the tank cover.

Unscrew completely the relief valve to depressurize the tank.

Remove the tank cover.

Empty paint and replace it by solvent.

**WARNING : be certain that solvent is compatible with paint being sprayed.**

**Be careful when using inflammable solvents.**

Reinstall the cover on the cup and close it by tightening the operating wheels.

Shut off the relief-valve.

Open the air supply valve.

Adjust the air regulator (knob, pantone 382 colour) until reading a pressure of 1 bar / 14.5 psi.

Remove the spray gun towards the material container and trigger the gun. When the solvent flows out, point the gun into a recovery container.

When the solvent flows out clear and clean, release the gun trigger.

Fully unscrew the air regulator and shut off the main compressed valve.

Trigger the gun again to decompress the hoses. Therefore, the tank and the hose remain filled with solvent at the atmospheric pressure.

If you want to remove the equipments, remove solvent from installation and clean the inside of the tank with rag.

### 4. SAFETY DEVICE

**Guards (air motor cover, coupling shields, housings ...) have been designed for safe use of the equipment.**

**The manufacturer will not be held responsible for bodily injury or failure and / or damage to property due to removal or partial removal of the guards**

A relief-valve (setting : 3,8 bar / 55.11 psi) is fitted on the tank cover - thus protecting this one from an overpressure which could damage it.