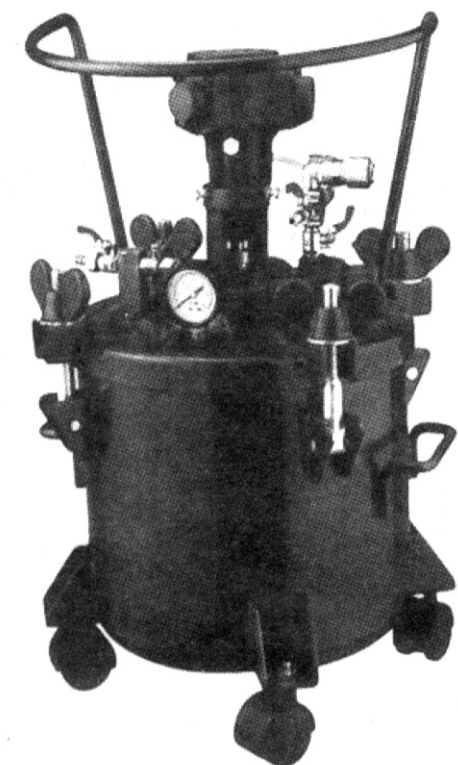


20L Paint Tank Automatic Mixing Instruction manual



⚠️ WARNING!

This manual provides critical safety instructions on the proper setup, operation, maintenance and service of this machine/equipment. Failure to read, understand and follow the instructions given in this manual may result in serious personal injury, including amputation, electrocution or death.

The owner of this machine/equipment is solely responsible for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training and usage authorization, proper inspection and maintenance, manual availability and comprehension, application of safety devices, blade/ cutter integrity, and the usage of personal protective equipment.

The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks & respirators that are specially designed to filter out microscopic particles.

⚠️ WARNING!

for your own safety read instruction manual before operating this equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.

⚠️ DANGER indicates an imminently hazardous situation which, if not avoided, Will result in death or serious injury.

⚠️ WARNING! indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury

⚠️ CAUTION Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. This symbol is used to alert the user to useful information about proper operation of the equipment

⚠️ WARNING!

- 1. Read this manual** This tool may cause personal injury if used incorrectly. This manual contains proper safety and operating instructions that must be followed to reduce this risk.
- 2. Wear eye protection** This tool may throw small fragments during operation, which may cause serious eye injury. Always wear approved safety glasses or face shield to reduce your risk from this hazard.
- 3. Wear a respirator** This tool may produce fine dust and fumes during operation, which can cause respiratory injury if inhaled. Always wear a respirator approved for the type of material being processed.
- 4. Wear hearing protection** operating this tool for prolonged time periods may damage your hearing. Your risk depends on length and frequency of use. To reduce your risk of this hazard, wear hearing protection.
- 5. Maintain safety guards** Your tool may be equipped with safety guards or other structural components designed to reduce the risk of injury during operation. Never modify or operate this tool with any guards or components removed or damaged.
- 6. Keep children away** Prevent children from injury by keeping them away from this tool. Disconnect and lock the tool away when not in use.

- 7. Avoid entanglements** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry, which may get caught in moving parts, when operating this tool. Wear a protective hair covering to contain long hair.
- 8. Use correct air pressure** Exceeding the maximum psi rating of this tool may cause unpredictable operation or bursting.
- 9. Disconnect air pressure** Before servicing, changing accessories, or moving to another location. Never leave this tool unattended when connected to air.
- 10. Secure tooling** Always verify tooling is secure before operation.
- 11. Sharp surfaces** Do not place hands near the tooling surfaces when in operation.
- 12. Remove adjusting Keys & Wrenches after use**
These tools become dangerous projectiles if left on the tool when it is started.
- 13. Avoid flammables** Do not use this tool around any flammables that may be ignited by sparks.
- 14. Secure Work** Use clamps or a vise to hold work when practical. it is safer than using your hand and frees both hands to operate tool.
- 15. Maintain tools with care** Keep tools lubricated and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- 16. Do not force tool** It will do the job better and safer at the rate for which it was designed

- 17. Check for damaged parts before using**
Check for binding and alignment of parts, broken parts, part mounting, loose bolts, and any other conditions that may affect operation. Repair or replace damaged parts before operating.
- 18. Use good lighting** Keep work area well lighted. Dark work areas increase risk of accidental injury.
- 19. Avoid unintentional operation** Always disconnect air when not in use, and do not carry tool with hand on trigger.
- 20. Use the recommended accessories** Consult owner's manual for recommended accessories. Using improper accessories may increase the risk of injury.
- 21. Never allow untrained users to use this tool While unsupervised**
- 22.** If you are unsure of the intended operation, stop using tool. Seek formal training or research books or magazines that specialize in pneumatic tools.
- 23. Be aware of hose location** hoses can easily become a tripping hazard when laid across the floor in a disorganized fashion
- 24. Do not use under the influence of drugs or alcohol, or when tired.**

⚠️ WARNING!

Additional safety instructions for paint tanks

- 1. Read this manual.** This manual contains proper operating instructions for this paint tank.
- 2. Design modifications.** Do not modify the tank design or construction. Drilling into the tank or altering its design, could weaken the tank.
- 3. Cleaning and maintenance.** Clean and dry the tank and lid according to the instructions in this manual. Make sure all ports are free of hardened paint or other materials that could prevent free movement of air. Improper cleaning could allow pressure to rise to dangerous levels.
- 4. Reactive chemicals.** Do not use acids, caustic solutions, or halogenated hydrocarbon solvents. these chemicals can attack the lid gasket and safety valve seal, compromising the ability of the tank to hold pressure.
- 5. Safety valve modifications**
Never adjust the safety valve to change its pressure setting or defeat its function. Tampering with the safety valve could allow tank pressure to rise to dangerous levels.
- 6. Removing lid.** Do not try to remove the lid while the tank is under pressure, or the lid could explode from the tank. Follow the instructions in this manual for relieving pressure in the tank before removing the lid.

- 7. Lid clamps** Over tightening the lid clamps could cause them to weaken and fail, resulting in the lid exploding violently from the tank. Only tighten the clamps by hand. Do not use tools to tighten them.
- 8. Non-standard components** Substituting non-standard components could weaken the tank or cause component failure. Only use components provided with your tank.
- 9. Attachments.** Make sure equipment connected to the tank has a higher pressure rating than the regulated air pressure in the tank. Attachments with a pressure rating lower than the adjusted tank pressure could explode, resulting in serious personal injury.

⚠️ CAUTION

no list of safety guidelines is complete, because every work environment is different. always consider safety first and use common sense. failure to use this tool with caution and respect could result in serious personal injury.

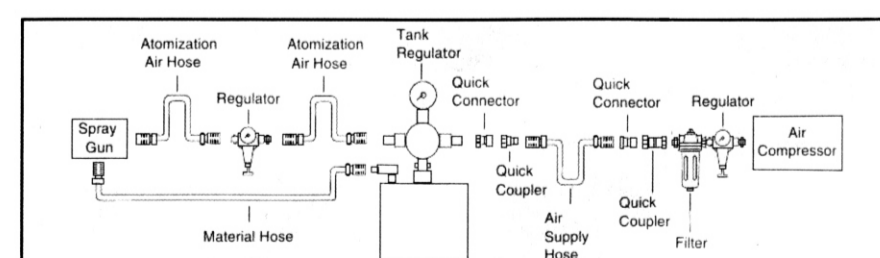


figure 3. paint tank connect to air compressor and spray gun.

Cleaning and lubrication

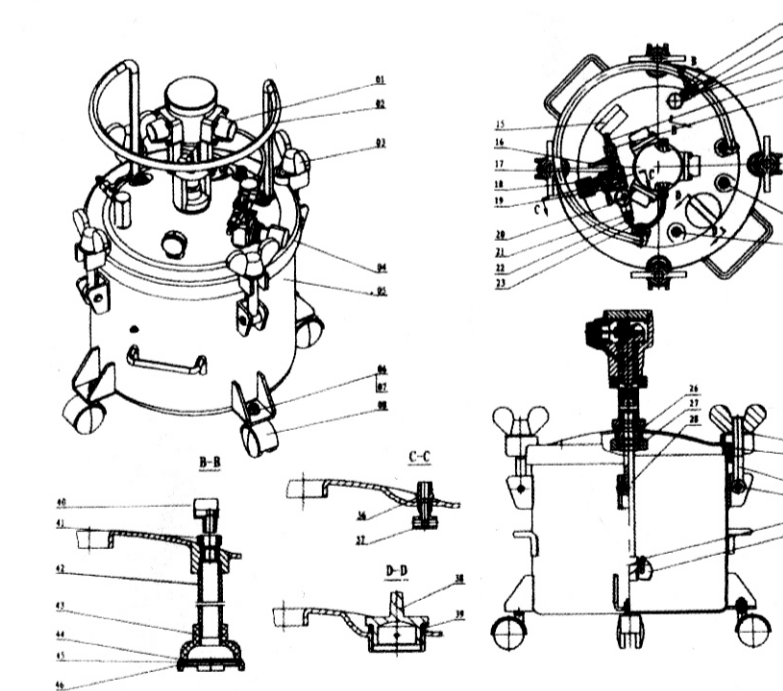
Proper cleaning is the best way to ensure trouble free performance from your paint tank. If your tank is not thoroughly cleaned, damage and poor operation will result. Problems caused by improper cleaning will not be covered by the warranty. Clean the tank immediately after each use.

To clean your paint tank:

1. Disconnect the Air supply from the tank
2. Turn the tank regulator t-handle counterclockwise until you no longer feel spring tension.
3. Loosen the wing screws on the tank lid tip the clamps back, and tip, the tank lid to one side.
4. Loosen the spray gun atomizing cap retaining ring about three turns, then turn on the gun air supply.
5. Cover the cap with a cloth and pull the trigger to force the material back through the hose and into the tank.
6. Empty and clean the tank of all paint, and fill it with solvent.
7. Replace the lid, tighten the clamps, and spray the gun until it sprays clean solvent.
8. Use solvent to thoroughly rise all part that came in contact with the material, then dry with compressed air or let air dry.
9. Make sure all the fittings on the tank and regulator, valve, and material hose are free of hardened material that could prevent free movement of air.

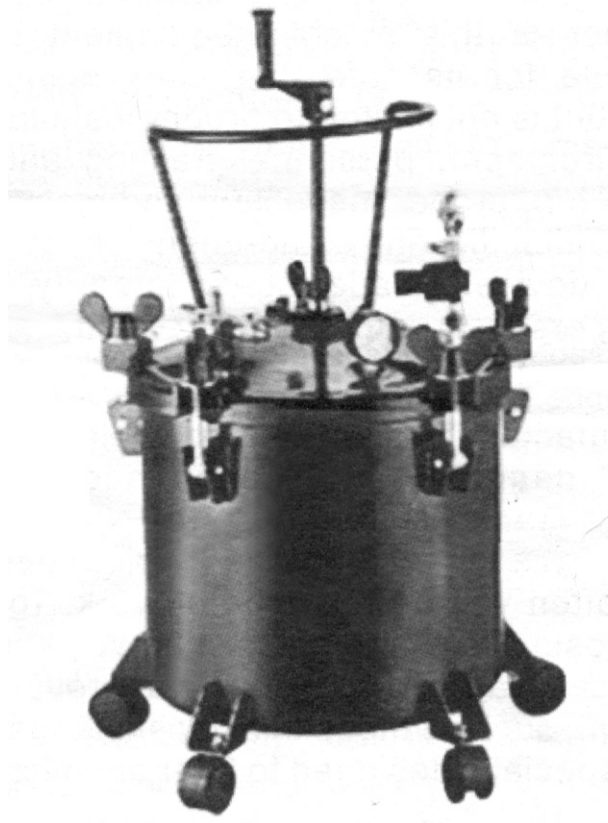
Tank troubleshooting

Symptom	Possible cause	Solution
Air escaping from regulator port.	1. Broken or damaged diaphragm in tank regulator	1. Replacetank regulator
Pressure dropping slowly on regulator	1. Dirty or worn valve seat in regulator. 2. Loose air fittings leaking air.	1. replace tank regulator 2. Tighten loose air fittings or remove and re-install with new pipe thread tape
Fluid or air leak at lid gasket	1. Defective lid gasket 2. Wing screw loose 3. Dirt or foreign object between gasket and rim	1. replace lid gasket 2. Tighten wing screws evenly 3. Clean rim and gasket
Paint tends to settle rapidly in tank	1. Paint not mixed or thinned sufficiently.	1. Mix or thin paint according to manufacturer's instructions.
gauge not registering air pressure	1. Air pressure turned OFF 2. defective pressure gauge	1. turn air pressure ON 2. replace pressure gauge
safety valve popping out	1. tank pressure too high 2. defective safety valve	1. reduce tank pressure to 25-30 psi 2. replace safety valve



Part #	Description	Part #	Description
1	Automatic Assembly	17	Air Inlet Seat
2	Handle	18	Air Hose Seat
3	Nut	19	Pressure Seat Assembly
4	Cover	20	Valve Assembly
5	Tank Shell	21	Air Inlet Connector
6	Nut	22	Nut
7	Spring Washer	23	Air Hose
8	Wheel	24	Safe Valve Assembly
9	Air Valve	25	Air Relief Valve
10	Paint Connector	26	Sealing Ring
11	Connector Nut	27	Nut
12	Paint Outlet Connect Nozzle	28	Rocker
13	Nut	29	Washer
14	Nut	30	Sealing Ring
15	Pressure	31	Screw
16	Air Valve	32	Snap Retainer
		33	Pin
		34	Bolt
		35	Blade
		36	Air Inlet Connector
		37	Air Commutator
		38	Choke Plug
		39	Sealing Washer
		40	Paint Connector
		41	Paint Connector
		42	Paint Tube
		43	Filter Seat
		44	Filter Washer
		45	Filter
		46	Filter Spring
		47	
		48	

20L Paint Tank Hand Mixing Instruction manual



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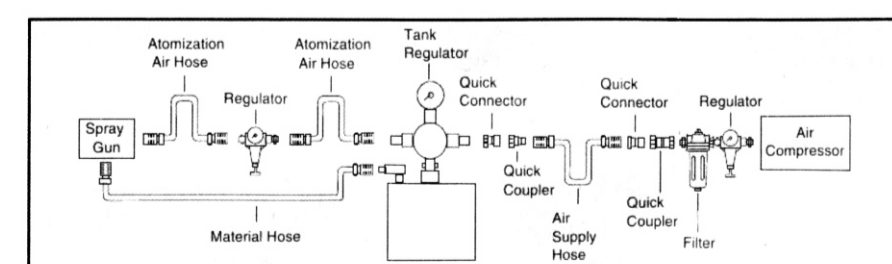


Figure 3. paint tank connect to air compressor and spray gun.

Cleaning and lubrication

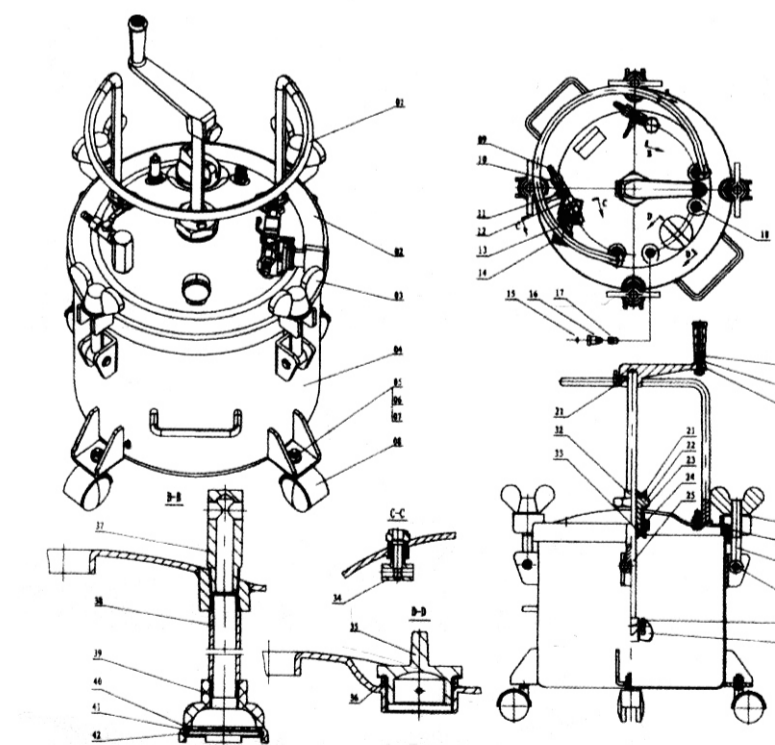
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Part #	Description	Part #	Description	Part #	Description
1	Pushrod	15	O-ring 4.5"1.8	29	Screw
2	Cover	16	Bolt	30	Snap Retainer
3	Nut	17	Air Relief Seat	31	Pin
4	Tank Shell	18	Safety Valve Assembly	32	Blade
5	Nut	19	Handle	33	Bolt
6	Spring Washer	20	Screw	34	Location Ring
7	Flat Washer	21	Connect Seat	35	Air Commutator
8	Wheel	22	Bolt	36	Choke Plug
9	Air Hose Connector	23	Location Seat	37	Sealing Washer
10	Connector Nut	24	Sealing Ring	38	Paint Outlet
11	Air Valve	25	Nut	39	Filter Seat
12	Air Inlet Seat	26	Rocker	40	Filter Washer
13	Regulator Connector	27	Washer	41	Filter
14	Adj. Assembly	28	Sealing Ring	42	Filter Spring