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## **ARCOR SPRAY TECHNOLOGY**

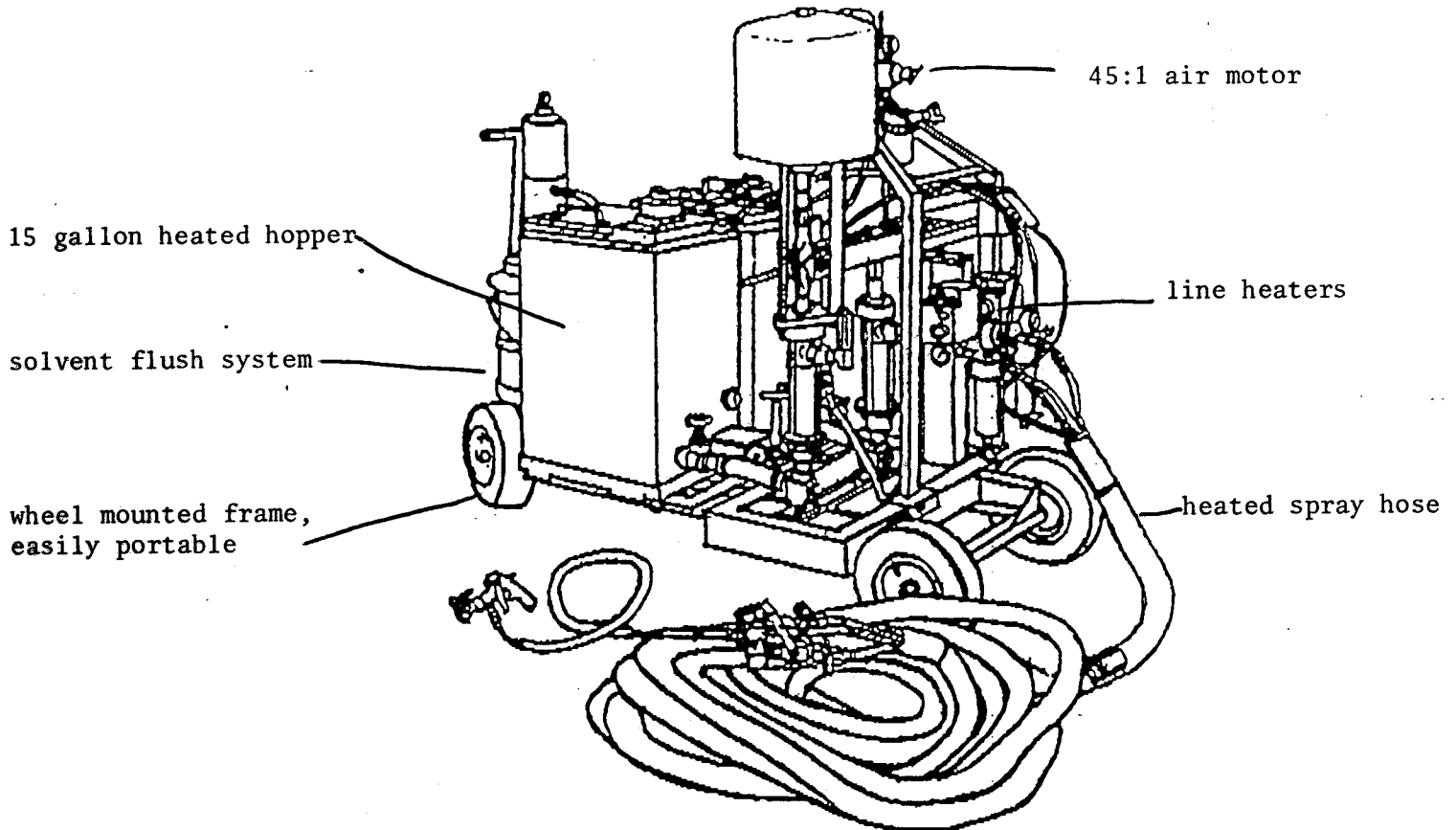
**ARCOR SPRAY TECHNOLOGY** is fully operational. The **ARCOR** spray unit consists of heavy duty, variable ratio, heated, plural component system.

This system was developed for several basic reasons:

1. Dramatically increase the speed of application for any **ARCOR** installation.
2. Allow our 100% solids linings to be applied over porous or uneven surfaces with more control over film thickness.
3. Reduce the number of man hours needed to apply our linings making bid packages more attractive.
4. Improve quality of any installation by quickly applying **ARCOR** material over freshly prepared surfaces.
5. Increase feasibility of accomplishing large square footage projects during a short outage time frame.
6. Provides the basis for spraying remote access down-pipe **ARCOR** lining projects.

Nearly two years of coating/linings projects have been completed both in-house and under field conditions. Included in this package is a short history of how these projects were completed.

# HEAVY DUTY VARIABLE RATIO PLURAL COMPONENT SPRAY SYSTEM



- \* Versatile and Cost-effective: Designed to spray all of **ARCOR'S** coatings. Average rate of spray .6 GPM. Square feet per hour = 1200. (20 square feet per minute at 20 mils.
- \* Environmentally Safe: 100% solids coatings eliminate VOC emissions. High transfer efficiency and a minimum of mixed material reduce waste disposal.
- \* Available thru **ARCOR, Inc.** for purchase or rental. Rental equipment supplied with a technician. Call for rates.



# ARCOR Coating Application Unit

**ARCOR 397 - 114 plural component coating application unit to spray ARCOR S and HP coating systems.**

## **397 - 114 Unit consists of:**

**4 Wheeled Cart:** Heavy duty construction, pneumatic rubber wheels, tow handle, single axle caster steering, with proportioner pump, tank and solvent pump mounts.

**King Hydracat Pump:** Variable ration 1:1 to 4:1 average pressure Ratio 45x1.

**Air Controls:** Filter, regulator with gauge, drop, shut-off valve, hose, mounting bracket, crowfoot connection and a blow-off gun to clean tips.

**Supply Tanks:** (2) Dual well Activator and Base heated hopper tanks with stainless steel inner tank, 15 gallon capacity, hinged cover, mounting deck for agitator, recirculating ports and thermostatically controlled heating elements. Both tanks mounted on removable tank frame. Base tank has adjustable swivel base.

**Lab Test Pods:** Activator and Base stainless steel 2 1/2 gallon supply pods. (Alternative to 15 gallon tanks - for use with smaller applications)

**Electrical Breaker Box:** Heated hose GFI and heater breakers.

**Fluid Outlet Manifold Assy:** Manifold, (2) 0-6000 PSI gauges (liquid filled with safety glass face), (2) line check valves, (2) adjustable pressure relief valves, (2) drain/re-circ. valves with tungsten carbide ball and seat, high pressure stainless steel braided teflon pump hoses and A & B outlet filters.

**Flush System:** High pressure pail mounted pump with air regulator, gauge, shut-off valve, and fluid outlet manifold to connect the solvent hose to the mixer manifold.

## **ARCOR Coating Application Unit ( continued )**

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Spray Hose: 3/8" X 50 ft.dual heated hose assembly, insulated and covered with thermostat heat controller and solvent flush line.

**Mixer Manifold: Heavy duty single handle control with flush valve.**

Static Mixer: 12 element stainless steel static mixer with removable element.

**Spray Assembly: Insulated 1/4" ID whip hose, swivel spray gun with selection of (3) Reverse-A-Clean tips.**

Unit is assembled and pressure checked before shipment and includes operation and parts manual.

**Activator and Base inline 2000 watt heaters with mounts, interconnecting hose and fittings.**

Hopper tank agitator assembly

**Rental Rates: 250.00 per day  
1,500.00 per week**

**Purchase: 18,500.00**

## PLURAL COMPONENT SPRAY SYSTEM

Ambient temperature: 75 degrees Tip size: .019

	<u>S-16</u>	<u>HP-1600</u>
Machine Pressure:	2,500 psi	2,300 psi
Activator Temp:	92°F	85°F
Base Temp:	130°F	110°F
Line Temp:	130°F	110°F

Material very easy to spray, fan width approx. 18" at 2 feet, applied at 12/15 mils with no sag.

	<u>S-20</u>	<u>HP-2000</u>
Machine Pressure:	2,800 psi	2,800 psi
Activator Temp:	120°F	110°F
Base Temp:	110°F	100°F
Line Temp:	130°F	120°F

Material very easy to spray, fan width approx. 14" at 2 feet, applied at 20/25 mils; very little sag - could be corrected by lowering heat or adjusting pressure.

	<u>S-30 blue</u>	<u>HP-3000</u>
Machine Pressure:	3,000 psi	3,000 psi
Activator Temp:	120°F	115°F
Base Temp:	130°F	125°F
Line Temp:	135°F	130°F

Material very easy to spray, fan width approx. 12" at 2 feet; mil thickness estimated at 20 mils with no sag.