

**SMARTVAC Model 90755 and
STRONGMAN SMARTVAC Model 99755**
Smart Vacuum Systems



The Model 90755 is complete with all the items needed to pickup any material that will pass through the 1.25 inch throat diameter size. The SmartVac Model 90755 and 99755 Kit includes the following:



99755-1	StrongMan SmartVac only
90755-1	SmartVac only
90751	Air Filters-Package of Three
90700-1	55 Gallon Drum Cover
90700-3	8 3/8" Flange
90700-2	30 Gallon Drum Cover
90700-11	Vacuum Gauge/Valve Assembly
90720	Round Steel Dolly with Casters
90700-7	55 Gallon Lock Ring
90700-9	Aluminum Double Flange Squeegee
90700-10	Aluminum Double Bend 2-piece Extension Wand
90500-14	10' x 1 1/2" Black Smooth Wall Hose
90403	19" Pick Up Wand
90404	Round brush
90405	Crevice Tool

SmartVac at work



2. SET UP

1. Place the 90700-1 Drum Cover over a metal or plastic 55 Gallon Drum.
2. Position the 90700-7 55 gallon drum cover lock ring around the drum cover lid and tighten the 1/2" bolt to secure the lid cover to the drum.
3. Screw the threaded pipe assembly, pressure gauge, and on/off ball valve into the 1/4" NPT opening in the 90755-1. Make sure the on/off valve handle is perpendicular to the assembly putting the air supply in an off position.
4. Screw the 2" threaded end of the Model 90755 or Model 99755 with the assembly attached, into the 2" hole in the drum cover.
5. Attach the 1 1/2" hose cuff over the Model 90755 or Model 99755.
6. Attach either the plastic or aluminum pick up wand to the open end of the hose.
7. Attach a compressed air line either directly or with a quick connect assembly to the 1/4" NPT assembly on/off valve that you applied in set up instruction #3.
8. With the compressed air on, turn on/off ball valve handle to a parallel position with the body of the ball valve.

3. OPERATING PRESSURE

The Model 90755/99755 operates at normal shop air pressure of 80 to 100 PSI. The pressure available should be read at the gauge on the Model 90755/99755 assembly. If the pressure is lower than 80 PSI, the vacuum pressure may not be strong enough for your desired results.

4. AIR LINE VOLUME

In addition to pressure, the volume or CFM of the compressed air source must be adequate to prevent starving the Model 90755/99755 of enough air flow needed for maximum results. This can be prevented by using at least a 1/2" full flow compressed air line.

5. FILTER BAG

Dirt and Dust can clog the small pores of the filter bag and cause back pressure, resulting in poor vacuum performance. The bag can be removed for cleaning by loosening the band clamp. Shake the bag over an open waste container to remove large particles. The bag can be machine washed on the delicate fabric setting. To prevent shrinking, the bag should be air dried rather than machine dried. In case the bag needs replacing, part number 90751 is the model number. Replacements are shipped with three bags per package.

WARNING:

TURN THE BALL VALVE HANDLE VERY SLOWLY MAKING SURE THAT ALL AIR CONNECTIONS ARE TIGHT AS YOU INCREASE THE COMPRESSED AIR FLOW

ASK ABOUT

www.airtx.com

DRUM DEVIL I Model 90600

DRUM DEVIL I MODEL 90600 (Smart Vacuum System)



ADVANTAGES- DRUM DEVIL I Model 90600/90650

- Larger tank capacity than industrial shop vacuums
- Eliminates double handling of toxic materials and emptying vacuum canister
- Eliminates need for “floor dry” absorbent
- No efficiency loss after each use unlike electric-powered shop vacuums
- The Drum Devil and Drum Devil II are made of stainless steel
- The Drum Devil and Drum Devil II have automatic float valve to prevent overfilling
- Both Model 90600 and 90650 easily pick up high viscosity liquids, chips & sludge
- Both Model 90600 and 90650 are safe in wet areas requiring no electricity

ASK ABOUT

www.airtx.com

DRUM DEVIL I Model 906500

DRUM DEVIL II MODEL 90650 (Smart Vacuum System)



Metalworking

The Model 90650 Drum Devil II easily pulls sludge, oil, coolant or wet chips into drums for convenient handling and disposal.

Liquid Transfer and Liquid Spill Pick-Up System

AIRTX DRUM DEVIL FILLS A 55-GALLON DRUM IN LESS THAN 90 seconds WITH STANDARD SHOP AIR OF 80 PSI -WITHOUT ELECTRICITY- (ELIMINATES SHOPVAC HANDLING)

Drum Devil Model 90600

The Model 90600 Drum Devil System includes all accessories needed to go to work immediately: a Stainless Steel Drum Devil unit, 10' hose with tapered PVC couplings, 90° cam plug drum adapter, extensions tubes, crevice tool, skimmer tool, and squeegee. Components also sold separately.

MODEL	DESCRIPTION
90600	Drum Devil System
90600-1	Drum Devil Only
90500-17	Locking Hose Cam
90403	19" Pick Up Wand (2)
90700-11	Vacuum Gauge/Valve Assembly
90500-13	Squeegee
90500-14	10' x 1 1/2" Balck Smooth Wall Hose
90500-16	2" Drum Connection Plug
90405	Crevice Tool
90407	Skimmer

The Smart Two-Way Liquid Transfer and Liquid Spill Pick-Up System

Both Fills and Empties a container

Drum Devil II Model 90650

(Two-way liquid transfer) Both fills and/or empties a 55 gallon drum in less than 2 minutes. Easily switches from vacuum mode, filling the container, to empty mode by turning knob on the top of the unit.

MODEL	DESCRIPTION
90650	Drum Devil II System
90651	Drum Devil Only
90500-17	Locking Hose Cam
90403	19" Pick Up Wand (2)
90700-11	Vacuum Gauge/Valve Assembly
90500-13	Squeegee
90500-14	10' x 1 1/2" Balck Smooth Wall Hose
90500-16	2" Drum Connection Plug
90500-15	Liquid Exhaust Pipe
90405	Crevice Tool
90407	Skimmer

