



Model shown :  
346-RC 176



55' dual line nozzle control  
hose c/w handle (included)

## **PORTABLE PRESSURE** **MODEL 346**

Pressure blaster with a tank capacity of 3.5 cubic feet.

Standard pressure release (RC-176) dead man control systems, for greater safety. ISTblast's abrasive metering valves, MMV-175 or PMV-186, will assure you of a precise and easy to control flow of abrasive.

You can choose from our standard pneumatic or electric 12 V DC or 120 V AC, dead man remote control system.

For frequent stop and start operation, our pressure hold system (RC-186) will be best suited.

## **MARKETS**

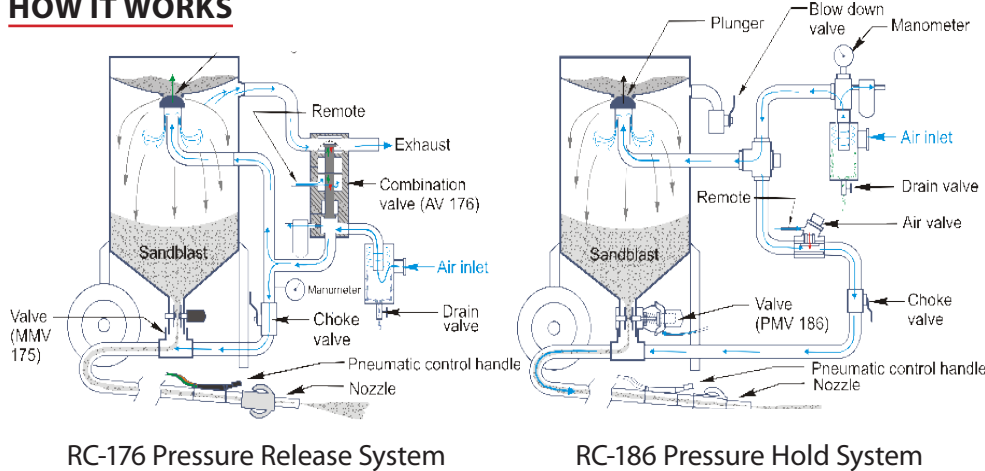
- General manufacturing
- Aerospace and aviation
- Marine
- Automotive

## **FEATURES**

- ✓ Convex top for built-in filling funnel
- ✓ Removable plunger with no threads
- ✓ Durable sealing plunger
- ✓ Extra low profile
- ✓ Large handhole for easy access to inside of tank
- ✓ Lifting eyes
- ✓ Heavy duty piping
- ✓ Conical bottom
- ✓ Stabilizing support frame which eliminates wheel fatigue and pot tip over
- ✓ MMV-175 or PMV-186 abrasive regulator valve
- ✓ Large hard rubber wheels
- ✓ Air pressure gauge
- ✓ Water separator
- ✓ Heavy Duty construction ASME and CRN registration approved
- ✓ Made in Canada

ISTblast is the leader in blast cleaning equipment in Canada and our portable blasters have proven themselves in countless industrial applications as strong, versatile and dependable machines. Each machine is built for the toughest blasting jobs and every component is made to last. ISTblast the reference in customized abrasive solutions in North America for over 30 years and counting.

## HOW IT WORKS

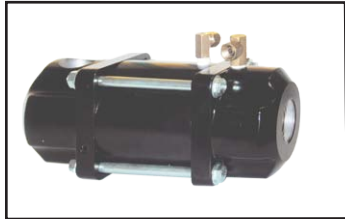


RC-176 Pressure Release System

RC-186 Pressure Hold System

## ACCESSORIES & PARTS

### AV-176 Combined valve



The AV-176 valve is a one piece combination inlet and outlet valve utilized to control compressed air supply into and out of the blast pot.

A single piston assembly is utilized to both open and close the valve's inlet and outlet sections simultaneously. The valve is operated by a pilot air signal received when the operator activates the AirStop Control Handle.

In its un-activated state, a return spring is used to compress a diaphragm against the valves inlet port, preventing compressed air from entering the blast pot or blast hose.

### Abrasive metering valve MMV-175



The abrasive metering valve MMV-175 is a simple design air valve that offers a wide range of adjustment of abrasive flow.

Specifications	P 346
Loading capacity (pi³) (A.S.M.E.)	3.5
Tank diameter	18"
Sand Capacity (lb)	300
Length	26"
Height	46"
Width	29"
Weight (lb)	225

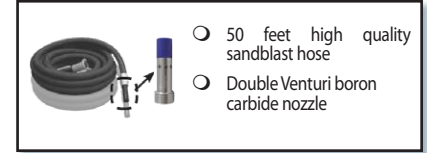
### PMV-186 Abrasive metering valve



The PMV-186 abrasive regulator valve is design to shut of the flow of abrasive, at the metering valve, before the mixing port, eliminating the delay and wasted abrasive often found in a normally open metering valve.

## KITS

### The "S" kit includes :



- 50 feet high quality sandblast hose
- Double Venturi boron carbide nozzle

### The "X" kit includes :



(1) Radex air purifier.

(1) 50 Feet of air hose to feed air between

(1) Nova 3 air supplied hood with protective kit

50x Peeloff-Lenses

## CHOOSE YOUR SANDBLASTING KIT

Example :



Machine type		Remote control			Accessories kit	
Stock #	Model	Pneumatic	Electric 12 V	Electric 120 V	"S"	"X"
646101	346RC-176	X			734400	735000
646201			X		734400	735000
646301				X	734400	735000
647101	346RC-186	X			734400	735000
647201			X		734400	735000
647301				X	734400	735000