



Model shown :  
646-RC 186

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

## Max blast series

### PORTABLE PRESSURE BLASTERS MODELS 346/646

Pressure blaster with a tank capacity of 3.5 or 6.5 cubic feet and 1 1/2" sandblast hoses.

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

The 346/646 blasting pots can be equipped with a standard pneumatic or electric 12V DC or 120V AC version with a dead-man control system.

If you require frequent start/stop operating flexibility the ISTblast RC186 Pressure hold system will be best suited to your needs.

#### MARKETS

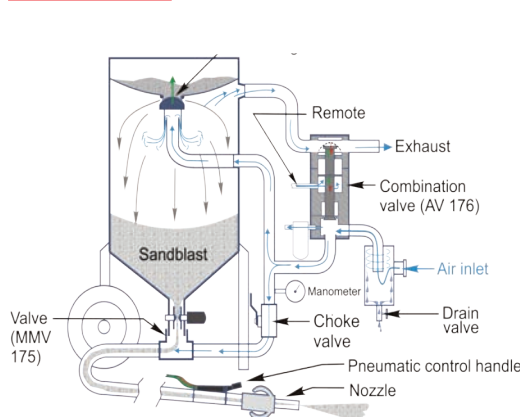
- General manufacturing
- Aerospace and aviation
- Marine
- Automotive
- Petroleum

#### FEATURES

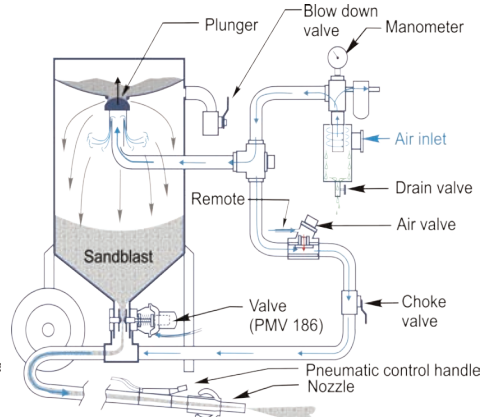
- ✓ Convex top for built-in filling funnel
- ✓ Removable plunger with no threads
- ✓ Durable sealing plunger
- ✓ Extra low profile
- ✓ Large handhole for easy access to inside of tank
- ✓ Lifting eyes
- ✓ Heavy duty piping
- ✓ Conical bottom
- ✓ Stabilizing support frame which eliminates wheel fatigue 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



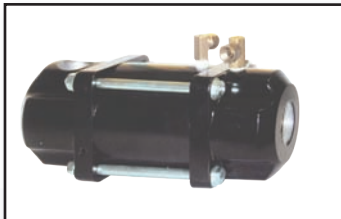
RC-176 Pressure Release System



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 valve's 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	P 646
Loading capacity (pi <sup>3</sup> (A.S.M.E.))	3.5	6.5
Tank diameter	18"	24"
Sand Capacity (lbs)	300	600
Length	26"	32"
Height	46"	50"
Width	29"	35"
Weight (lbs)	225	350



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 normallyopen metering valve.

## CHOOSE YOUR SANDBLASTING KIT

Example :

346RC-176

+

Kit "S"

+

Kit "X"

Machine type				Remote control			Accessories kit	
346 Stock #	646 Stock #	Model		Pneum.	Electr. 12 V	Electr. 120 V	"S"	"X"
646401	656401	346 RC-176	646 RC-176	X			734600	735000
646501	656501				X		734600	735000
646601	656601						X	734600
647401	657401	346 RC-186	646 RC-186	X			734600	735000
647501	657501				X		734600	735000
647601	657601						X	734600

## KITS

The "S" kit includes :



(1) 50 feet high quality 1/2 sandblast hose with (1) tungsten carbide nozzle.

The "X" kit includes :



(1) Radex air purifier.

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

(1) Nova 2000 air supplied