



PORTABLE PRESSURE BLASTER

Model 646

Pressure blaster with a tank capacity of 6.5 cubic feet.

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

The 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

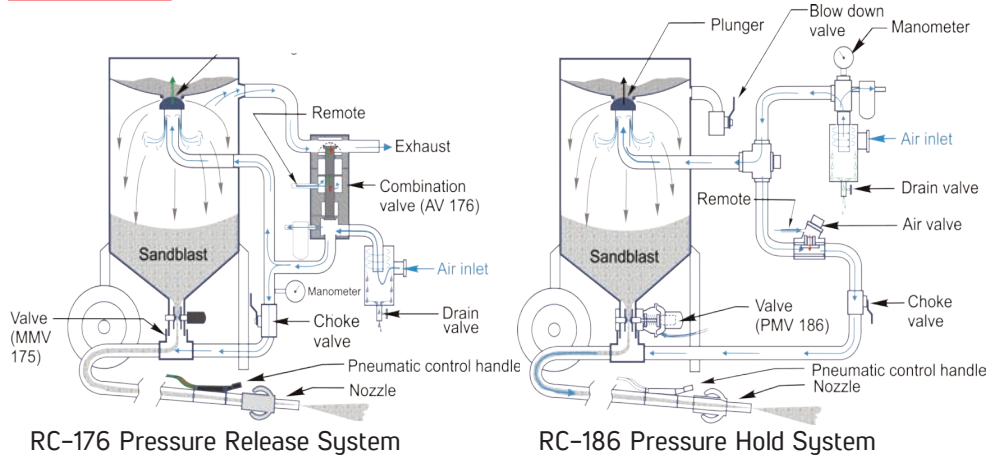
- General manufacturing
- Aerospace and aviation
- Marine
- Automotive
- Petroleum

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

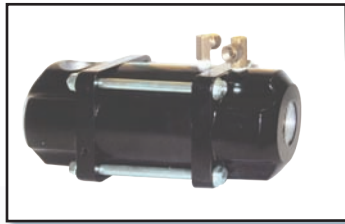
ISTblast is the leader in blast cleaning equipment in Canada and our portable blasters have proven themselves in countless industrial applications as strong, versatile and dependable machines. Each machine is built for the toughest blasting jobs and every component is made to last. ISTblast the reference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

HOW IT WORKS



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.

While turned off, 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	646
Loading capacity (pi3) (A.S.M.E.)	6.5
Tank diameter	24"
Sand Capacity (lb)	600
Length	32"
Height	50"
Width	35"
Weight (lb)	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 normally open metering valve.

CHOOSE YOUR SANDBLASTING KIT

Example :

646RC-176

+

Kit "S"

+

Kit "X"

Machine type		Remote control			Accessories kit	
Stock #	Model	Pneumatic	Electric 12 V	Electric 120 V	"S"	"X"
656101	646RC-176	X			734500	735000
656201			X		734500	735000
656301				X	734500	735000
657101	646RC-186	X			734500	735000
657201			X		734500	735000
657301				X	734500	735000

KITS

The "S" kit includes :



(1) 50 feet high quality 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