



## TT15P

1.5 FT<sup>3</sup>

PORTABLE

WET ABRASIVE

BLAST SYSTEM



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1.5 ft<sup>3</sup> portable wet abrasive blast system

### *Your Maximum Impact/Minimal Footprint Solution*

Coming in at under 150 pounds and roughly the size of a golf club bag, the TT15P wet/dry blast system was engineered with powerful portability and versatility in mind. The system offers users performance equivalent to our larger units—capable of handling a broad spectrum of applications ranging from delicate antique/monument restoration to the removal of heavy corrosion and scale from industrial equipment—in a compact and easy to handle package with 1.5 ft<sup>3</sup> of pot capacity.

## PRODUCT BENEFITS

### **Efficiency**

With reductions in abrasive consumption and airborne dust of 80–90% and >90% versus dry blasting, respectively, wet abrasive systems eliminate the burden, expense and hassle associated with dust containment, cleanup and disposal while maintaining comparable production rates with minimal impact on/to adjacent operations.

### **Productivity**

Save time by cleaning and preparing surfaces in a single step! The combined action of abrasives and water allow for the simultaneous removal of surface contaminants (e.g. corrosion products, dust and scale) and anchor profile generation without embedding particles on the substrate—salt removal and/or rust inhibiting chemical additives can be added to further enhance surface cleanliness.

### **Adaptability**

The operational flexibility of the TT15P wet abrasive system makes it ideal for use across a wide array of use cases ranging from aggressive blasting (e.g. removal of heavy scale from industrial applications) to gentle surface cleaning without damaging, heating or warping delicate substrates (e.g. restoration of historical monuments & structures, aerospace components, etc.).



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# TT15P

## PORTABLE WET ABRASIVE BLAST SYSTEM



### TECHNICAL SPECIFICATIONS - TT15P

Dimensions	29"L x 23"W x 43"H
Weight	145 lbs dry / 300 lbs wet
Pot Volume	1.50 ft <sup>3</sup>
Abrasive Capacity	100 lbs
Compressor	60+ CFM
Blast Pressure	10 - 125 PSI
Blast Hose ID	½" - 1¼"
Blast Hose Length	400+ ft
Abrasive Use	1.6 lb/min
Water Use	0.0 - 0.1 gal/min
Blast Time / Pot Fill	60 min
Profile	0.0 - 4.5 mils

### MODEL NO. CONFIGURATION

TT15PE	1.5 ft <sup>3</sup> Portable - Elec. Controls
TT15PP	1.5 ft <sup>3</sup> Portable - Pneu. Controls

### PART NO. DESCRIPTION

HA-T-075-050-E	¾"x50' Blast Hose w/Deadman (elec-tape swch)
HA-T-075-050-EP	¾"x50' Blast Hose w/Deadman (elec-paddle)
HA-T-075-050-P	¾"x50' Blast Hose w/Deadman (pneu-paddle)
HA-E-075-050-E	¾"x50' Blast Hose Ext (elec)
HA-E-075-050-P	¾"x50' Blast Hose Ext (pneu)
HA-T-050-025-E	½"x25' Blast Hose w/Deadman (elec-spray gun)
HA-E-050-025-E	½"x25' Blast Hose Ext. (elec)
INQUIRE	Blast Nozzles (various mats / sizes / types)

### Custom-Tailored Solutions

At Terra-Tech, ingenuity is part of our pedigree—in addition to our standard product offerings, we are pleased to offer customized solutions tailored to meet your needs. From custom blast hose/nozzle arrangements to repair & reconfiguration of other equipment, we have you covered! Contact us today to discuss how we may be of service to your next project!

## PRODUCT BENEFITS

- Simplified design makes operation a breeze—with only three parameters to set (blast pressure, pot pressure and abrasive dose) the unit can be setup and ready for use in under 10 minutes
- With 60 minutes of continuous blast time per pot fill and a 3-4 minute reload process, the TT15P system allows users to achieve the ultimate in efficiency & productivity with a 95% uptime rate
- Terra-Tech system's patented process provides users unmatched versatility through its ability to maintain precise flow control and best-in-class abrasive/water consumption efficiency across an unprecedented range of abrasives types (up to 300 mesh) and blast pressures (down to 10 PSI)
- Light weight (<150 lbs. dry) coupled with a height adjustable handle, oversized, flat-free rear tires and a swiveling, flat-free front tire make for effortless movement of the unit and at only 23" wide, the unit passes easily through doorways and down tight corridors
- Utilizing compressed air in place of pumped water to pressurize the abrasive pot eliminates the need for bulky water reservoirs and expensive pumps prone to failure and requiring consistent maintenance
- Air-pressurized systems eliminate the expense, hassle and lost productivity associated with water-pressurized abrasive pots that require dumping of their entire volume prior to refill and/or storage that, in turn, substantially increases water and chemical additive consumption while imposing significant containment and disposal burdens on the user
- Offering the ultimate in versatility, the unit may be utilized for either dry or wet blasting using any clean abrasive that sinks in water (e.g. coal & copper slag, crushed glass, garnet, glass bead, soda, walnut shells, etc.) excluding steel shot
- A 2-part protective coating system, comprised of a polyaspartic topcoat (offering exceptional corrosion, abrasion, impact, wear and UV resistance) over a zinc silicate primer originally developed by NASA (providing galvanic & cathodic protection by chemically bonding to metal surfaces), is utilized in conjunction with high-quality 316SS components to ensure maximum protection against corrosion



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