



terra^otech

TT35HDS

3.5 FT³

HEAVY-DUTY

SKID MOUNT

WET ABRASIVE

BLAST SYSTEM

TT35HDS

3.5 ft³ heavy-duty skid mount wet abrasive blast system

Professional-Grade Performance: Bulletproofed

Designed for the demands of heavy commercial/industrial users, the TT35HDS wet/dry blast system couples 3.5 ft³ of abrasive/water capacity with the proven performance of Terra-Tech's patented flow technology in a heavy-duty, skid-mounted frame engineered to withstand the demands of any project while remaining simple to relocate to any work site.

PRODUCT BENEFITS

Adaptability

The TT35HDS wet abrasive system's operational flexibility 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.).

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.



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TT35HDS

3.5 FT³ HD SKID MOUNTED BLAST SYSTEM



TECHNICAL SPECIFICATIONS - TT35HDS

Dimensions	48" L x 42" W x 58.5" H
Weight	945 lbs dry / 1,301 lbs wet
Pot Volume	3.50 ft ³
Abrasive Capacity	235 lbs
Compressor	185+ CFM
Blast Pressure	10 - 125 PSI
Blast Hose ID	½" - 1¼"
Blast Hose Length	400+ ft
Abrasive Use	1.7 lb/min
Water Use	0.0 - 0.1 gal/min
Blast Time / Pot Fill	140+ min
Profile	0.0 - 4.5 mils

MODEL NO. CONFIGURATION

TT35HDSE	3.5 ft ³ HD Skid - Elec. Controls
TT35HDSPP	3.5 ft ³ HD Skid - 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 140+ minutes of continuous blast time per pot fill and reload process requiring only 6 minutes using our FastSack™ Fill Deck, the TT35HDS system allows users to achieve the ultimate in efficiency & productivity at an uptime rate of 95%
- The heavy-duty skid/frame, engineered and fully-welded for strength, has been intuitively designed to provide maximum asset protection while maintaining ease of use and portability—movement is effortless using either the 4-sided fork pockets, or via the integrated lifting points which allow units to be lifted, lowered, and stacked safely for warehousing/storage, and with the footprint of a standard pallet, the unit fits easily in the bed of a standard pickup truck
- 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)
- 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 & 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 upon the user
- 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
- 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



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