



**SHOT BLAST CLEANING
SYSTEM
2-4800DH**

 **BLASTRAC**



Powerful surface preparation equipment

The Blastrac® 2-4800DH is one of our most productive machines ever for the professional contractor. This Blastrac shot blast cleaning system provides a cost-effective and environmentally friendly method for preparing concrete and steel surfaces. The machine strips, cleans and profiles simultaneously, leaving the surface immediately ready for the application of coatings or overlays. Airborne dust and contaminants are collected and contained in the system's dust collector for easy disposal.

Production rates to 30,000 sq. ft./hr.

With the Blastrac 2-4800DH and its 48" wide blast pattern, shot blasting is now, more than ever, an effective surface preparation method for even the largest jobs. This machine is capable of reaching very high production rates with ease. For concrete, the 2-4800DH can prepare up to 30,000 sq. ft./hr. with a light to medium blast, or up to 6,000 sq. ft./hr. with removal of ¼" of material (such as to expose aggregate). On steel, the 2-4800DH can prepare up to 7,500 sq. ft./hr., removing a 15 mil coating and producing a SSPC-SP 10/NACE 2 near-white blast finish.

Wide range of applications on concrete or steel

The Blastrac 2-4800DH's power and maneuverability make it suitable for a wide range of surface preparation applications.

- Bridge decks
- Highway entrance and exit ramps
- Concrete roadways
- Airport runways and tarmacs
- Steel ship decks, barges, and other marine vessels
- Nonskid removal from military and commercial vessels
- Large industrial plant floors

Blastrac 2-4800DH features

- The blast head leveling system controls the blast head height off the work surface. Once the blast head is positioned, lift cylinders float in reaction to the surface contours, allowing the blast head to navigate over varied terrain
- The floating side liner adjusts automatically to the work surface, providing an effective seal and enhanced productivity
- The side shift system adjusts the blast head side-to-side across the width of the machine, allowing the operator to blast at any position within the machine width and to within 5" of a wall or obstruction located on either side of the machine
- Operator can adjust blast wheel speed, machine travel speed, shot feed levels and type of shot used to achieve different surface profiles and removal rates
- Adjustable seat position allows the operator to shift side-to-side for maximum visibility of the work surface
- The unit's three-wheel system with rear steering provides a small turning radius and superior maneuverability
- The front end lift system raises the blast head for traveling around the job site, or when transporting the machine to/from the job site. The blast head detaches for loading the 2-4800DH onto a ship deck via crane
- Dual side access doors allow easy loading of steel shot
- Switch-controlled emptying of dust collectors by operator—no additional personnel required
- Multi-display panels provide information about machine operating conditions and allow for diagnostics
- A blowdown nozzle is conveniently located on the front of the blast head for maintenance
- Safety features include a back-up warning beeper, horn, lights, and an emergency stop switch, with additional switches that ensure the operator is properly positioned to run the machine
- Headlamps provide illumination of the work surface



The front end lift system raises the blast head for transport



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SPECIFICATIONS

Production Capacity*:

Concrete: Light to medium blast: to 30,000 sq. ft./hr.
 1/8" removal: to 10,000 sq. ft./hr.
 1/4" removal: to 6,000 sq. ft./hr.

Steel: SSPC-SP 10/NACE 2: to 7,500 sq. ft./hr.†
 Nonskid removal: 1,000–2,000 sq. ft./hr.

Cleaning Path: 48"

Travel Speed: 0–370 ft./min.

Blast Wheels: (2) 19 1/2" diameter, single-sided, 12 blades

Steel Shot Capacity: 1,200 lb.

Shot Sizes: S330–S550

Engine: 12.5 liter, 6 cylinder, 350 hp

Fuel: Diesel, 100 gallons

Voltage: 12 VDC; 24 VDC; 110 VAC

Dimensions: 18'10" L x 8'2" W x 9'0" H

Blast Head Alone: 5'10" L x 5'7" W x 6'9" H

Chassis Alone: 15'10" L x 8'2" W x 9'0" H

Weight‡: 25,500 lb.

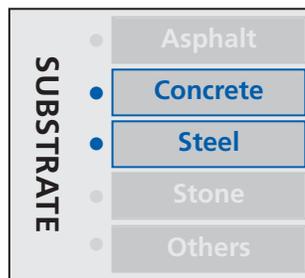
Blast Head Alone: 5,300 lb.

Chassis Alone: 20,200 lb.

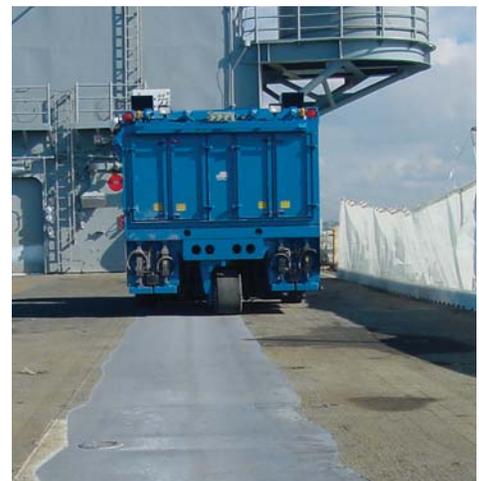
Dust Collector§: 3,500 cfm at 25 inH₂O static pressure;
 uses (12) 36" cartridge style filters;
 automatic pulse jet cleaning



Blastrac offers a full range of surface preparation technologies



Use the Blastrac 2-4800DH on concrete or steel substrates



Removing nonskid coatings from a ship deck

* Production rates achieved are affected by variables specific to each job site. These figures are not guarantees of performance.

† Near-white blast finish, removal of 15 mils coating

‡ Weights listed for machine, blast head and chassis include machine components and hydraulic fluids only; they do not include shot, fuel or dust

§ Materials being removed during blasting may contain silica or other elements that are hazardous to your health. If appropriate air monitoring equipment is not provided by your employer at your worksite, you MUST wear appropriate respiratory protection when using or servicing the machine or dust collector. Consult your employer and OSHA regarding the appropriate respiratory protection.



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