

# SandHandler



9' Model	10' Model	12' Model	15' Model
EA0086	EA1098	EA0046	EA0022
5' horizontal travel	6' horizontal travel	8' horizontal travel	11' horizontal travel
48" vertical travel	48" vertical travel	48" vertical travel	48" vertical travel
9'x6'x8h'	10'x6'x8h'	12'x6'x8h'	15'x6'x8h'

- Fully Automatic Sandblast & Recovery System
- Stone to Stone feature included
- Customize Vertical travel up to 72"
- No Pits Needed; No Shoveling
- Easy to Use; Easy to Install

see demo on  
**YouTube**

*SandHandler prices do not include sandblast tanks, nozzles, dust collection systems, installation or shipping charges.*



Barre, VT: 800.396.8049  
 Elberton, GA: 888.283.5863  
 Montrose, PA: 888.278.8383  
 Rockville, MN: 800.789.0815  
 Terrell, TX: 844.883.4108  
 Mid-West (IL): 815.847.0080



# FAQs

Answers to some **Frequently Asked Questions** about the SandHandler:

1. Can have up to **8 patterns** programmed. Multiple stones at once or a few patterns on a big stone, if needed.
2. The SandHandler is **computer controlled** by very simple touch-screen set-up and operation. (See our set-up videos)
3. The SandHandler is powered by **smooth servo motors** controlled by electronics.
4. Sand is screened and flows through the underside piping mechanism without use of compressed air, thus there are **no moving parts involved in the recovery system**.
5. The SandHandler blast head **can turn on the rubber or stencil without burning**.
6. The computer is programmed to shut down when the next count is not received in one half second, which **prevents the blast nozzle from stopping on the stone**.
7. **Easy in and out:** The machine comes equipped with pass-through doors on each end. Stones roll on a conveyor system.
8. The SandHandler features **joystick manual controls**. The operator can maneuver the machine manually, while standing directly in front of the viewing window.



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## Information Sheet SandHandler Sandblast & Recovery System

### Description of Room, Booth, or Front-End Curtain

#### Construction

The frame is heavy steel reinforced square tubing. Outside walls are made of aluminum plate; inside walls are steel with rubber overlay. The overall construction is extremely sturdy. V-wheels (replaces the rubber wheels) in the vertical travel require less maintenance.

#### Viewing Port

The viewing port is located on the front wall of the room. It is 6 feet long by 2 feet tall (6'x 2') and sealed with safety glass that is protected on the inside from abrasive etching with a sheet of stainless steel consistently filled with screen holes for excellent visibility.

#### Doors (except Curtain)

Two doors are standard on all SandHandler Sandblast & Recovery System units. Slide doors from either end allow entry and exit of the items to be blasted. Note that it is easier to manage loading and unloading the unit if the roller-bed extends outside the room approximately ten feet from each end of the unit.

### Abrasive Recovery System

#### Purpose and Use

The Abrasive Recovery System is designed to collect and clean the used abrasive so that the operator may recycle it. The Abrasive Recovery System will separate the dust and the larger particles from the abrasive. This will prevent the nozzle from becoming clogged.

If you are sandblasting material that could be classified a hazardous material and recycling abrasive is not an option, the Abrasive Recovery System allows the operator to dump the contaminated abrasive into an identified container by merely redirecting the down-spout from the abrasive holding tank. This eliminates mixing contaminated abrasive with clean abrasive.

#### Construction

The Abrasive Recovery System consists of steel bins located in the bottom of the booth that funnel the abrasive to a passageway that is directed upward to a holding tank above the sandblast generator. It is held there until the operator is ready to refill the sandpot on the generator.

The abrasive is carried through a piping system without use of compressed air. There are no moving parts that causes metal on metal in the Abrasive Recovery System.

### Accessories

#### SandHandler Filter Dust Collecting System

The SandHandler Sandblast and Recovery System does not include a dust-collecting or filtering system. This unit is sold separately, because most companies already have some type of dust collector in their facility.

#### SandHandler Precision Media Blaster

The SandHandler Empire Media Blaster is simply the blast pot or sandblast generator, as it is sometimes called. Again, most companies already have access to this piece of equipment. But, it is very essential, in this case, to be compatible with the SandHandler Sandblast and Recovery System computer.



## Information Sheet SandHandler Sandblast & Recovery System

### Computerized Nozzle Carriage System

#### Purpose and Use

The Computerized Nozzle Carriage System is designed to function in a completely enclosed room, not allowing dust and abrasive to escape. Since the blast nozzle is inside the booth, the noise level of the machine in full operation is 72 decibels.

It is also important to note that all moving parts of the Computerized Nozzle Carriage System in the blast area are inside the booth. There are no moving parts that would create a pinch-point outside the booth.

#### Construction

The frame of the Computerized Nozzle Carriage System is built with 4" aluminum square tubing. The operator keys in the length and width of the pattern to be blasted, and enters the number of passes the nozzle should make over the material being blasted. The operator presses the start button and lets the machine do the work.

The Computerized Nozzle Carriage System is equipped with an automatic shut-off. This stops the machine and shuts off the abrasive when the selected number of passes has been completed. Also, it has an automatic shut down in case the Computerized Nozzle Carriage System should ever hesitate at any point for as much as one-half second. For instance, an operator error or an electrical power surge could cause this.

The Computerized Nozzle Carriage System is designed to carry any type or size nozzle. Of course, the type of material being blasted would determine the type or size nozzle that is needed.

The Computerized Nozzle Carriage System is belt-driven, powered by electric servo motors. It is also designed to run manually. While the Carriage System is in the manual mode, the operator can sandblast manually by using two joysticks mounted on the front of the machine (the joysticks are similar to those used with video games).