

MULTIPLE INDUSTRY APPLICATIONS



MONUMENTS | AWARDS | SIGNAGE | BARWARE | MORE...

The Future of Sandcarving is Here.



AUTOMATED SANDCARVING FOR SURFACE ETCHING OR DEEP CARVING

CrystalBlast Nexus Features

- CleanFlo automated sandcarving machine
- Machine controls, dust collector, nozzle selection, blast start, emergency stop with programmable controls AB PLC
- Shuttle conveyor with easy load and unload at same location for one operator
- Multi-directional blasting with fast programmed return for unload and load
- Smart spring nozzle height adjustment
- LED Lighting
- A/B programmable cycle controls for blast cycle
- Programable automatic pressure pot abrasive loading
- Access door for service and load, complete with safety door interlock switch
- SmartFlo shuttle cart vacuum table with soft cushion top for part hold-down
- Faster part production
- SmartView Observation Window
- Abrasive use as fine as 220 mesh abrasive for fine detail films
- 2 - 12" x 24" fixture racks
- *Optional:* Larger Pressure Pot sizes for multiple nozzle operation

CrystalBlast Nexus Specs

- Blast Cabinet Footprint: 67"W x 56"D x 85"H
- Pressure Generator Footprint: 25"W x 29"D x 70"H
- Dust Collector: varies
- Electrical: 120v - High Voltage Programmable A/B Controls
- Compressed Air Usage: Varies based on setup and use. Starting at 30 cfm @ 100 psi, 1- 2 nozzle usage of 1/8" to 3/16"
- SmartFlo shuttle cart vacuum table: 24" x 24"
- Conveyor: Shuttle type
- Shuttle drive to 700 mm, linear drive with stepper motor control, .75 to 60" per minute
- Oscillator to 700 mm, linear drive with servo motor control, 15 to 120 feet per minute linear nozzle speed
- Pneumatic Pressure Generator with 1 cubic foot pressure pot standard
- External Cyclone Separator Reclaimer

Dust Collector Specs

- Vary based on setup option chosen. Contact us for options and details.

*For more information, contact an IKONICS Imaging representative today!
Call toll free (800) 643-1037 or email info@ikonicsimaging.com.*

IKONICS IMAGING
www.ikonicsimaging.com
(800) 643-1037

CrystalBlast Nexus

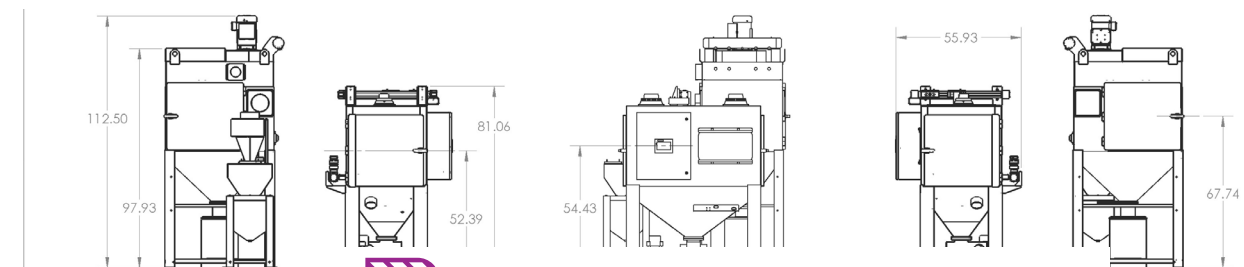
WHERE SANDCARVING MEETS EFFORTLESS AUTOMATION



The CrystalBlast Nexus is the next generation in sandcarving. The Nexus introduces a whole new world of sandcarving with its ability to automate sandcarving and sandetching. It is programmable, customizable, clean and built to order. It has been designed and engineered for ease of use and operation.

It has never been easier to produce a large production run with precise, repeatable, and accurate results in a fraction of the time. Contact your IKONICS Imaging representative today for more information!

(800) 643-1037



IKONICS IMAGING
World leader in sandcarving solutions.

Multiple Setup Options...



4 Hour Duty Cycle

- CrystalBlast Nexus with standard features
- 2-cartridge dust collector

- The perfect combination for businesses looking for the smallest footprint unit, but needing the flexibility for large production runs. Recommended for ~4hr hours of daily use.

SAVE
\$20,000

List Price:
\$111,995

Show Special:
\$91,995

8 Hour Duty Cycle

- CrystalBlast Nexus with standard features
- 4-cartridge dust collector

- Ideal for high-volume production companies, planning on operating the Nexus for up to 8 hours per day. Utilizes 1 Nexus machine with a 4 cartridge dust collector.

SAVE
\$21,900

List Price:
\$118,895

Show Special:
\$96,995

8+ Hour Duty Cycle

- 2 CrystalBlast Nexus with standard features
- 6-cartridge dust collector

- Ultra high-volume production, utilizing 2 Nexus machines with our high efficiency 6 cartridge dust collector. Recommended for companies requiring extremely high production output, 8+ hours per day per unit.

SAVE
\$42,000

Two Nexus Units

List Price: \$223,895

Show Special:
\$181,895

SAVE
\$22,900

One Nexus Unit

List Price: \$123,895

Show Special:
\$100,995