



Metal door sandblasting



Customers who have these systems installed : Price - ISS - Vaillancourt

ROTARY HEAD SANDBLASTING CABINET WITH INLINE CONVEYOR

ISTblast's continuous flow blasting machines are excellent for all around complete and continuous blasting of flat, voluminous, or complex components. Our powerful blast rotary head systems are mounted to the blast cabin housing in the most optimum positions to ensure uniform blast coverage of the components.

Fully customizable to meet any production needs. Talk to our engineers to ensure an optimal design set-up.

Rotary Blast head :

These high performance Rotary Head systems are specially designed for optimum performance and are at the heart of the ISTblast blasting program. Each Rotary head is custom made and the nozzles can be adjusted individually in the cabin housing to produce the most effective and productive blast pattern possible.

Filter Systems :

Dry or wet, with or without explosion proof protection, ISTblast provides a wide range of dust filtering systems constructed with cutting edge technology. The design and construction of these systems take into account the latest regulations in regards to dust removal for sandblasting applications.

Automation :

ISTblast's continuous flow Rotary Head blasting machines can be easily combined with automatic loading and unloading conveyer, allowing simple integration into automatic production lines at any time.

MARKETS

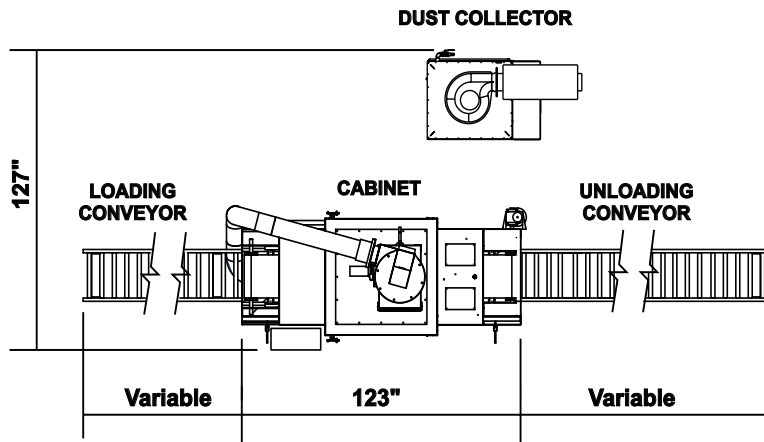
- General manufacturing
- Marine
- Petroleum
- Pharmaceutical
- Aerospace and aviation
- Automotive
- Power & energy

FEATURES

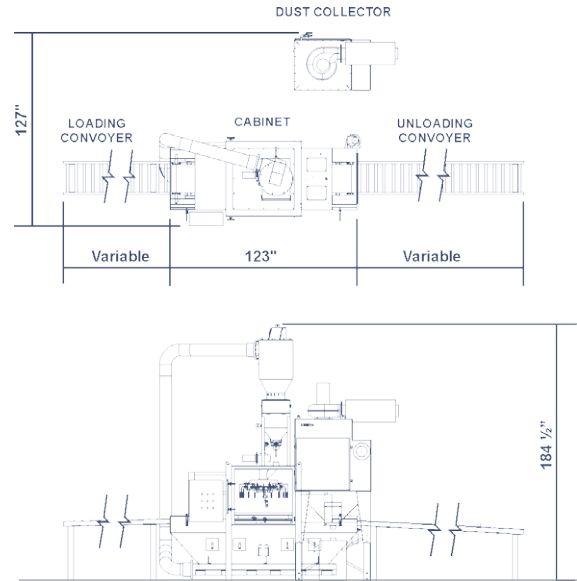
- ✓ Short processing times
- ✓ Long head and nozzle service life
- ✓ High blasting performance
- ✓ Abrasion resistant piping system (Urethane)
- ✓ Easily accessibility for the replacement spare parts
- ✓ Direct drive, reduced wear and tear of parts, such as the bearing block, lower noise levels
- ✓ Rotary head diameters available up to 36"/900 mm
- ✓ Front door with window protect by a rubber sheet to protect against abrasive
- ✓ Heavy Duty construction and welded steel housing
- ✓ Short spare part delivery times
- ✓ Continuous flow blasting process
- ✓ Design allows for the integration of robot units for fully automatic loading and unloading
- ✓ Available with 6, 9 or 11 adjustable nozzles for optimal blasting results
- ✓ Automated system ensures consistent and reliable sandblasting results of complex parts
- ✓ Processing of long components (profiles, beams) is possible, as well as the secure blasting of small components and parts
- ✓ Easily integrated into existing production lines
- ✓ Used blast media is recycled via a cyclon separator that can be equipped with an optional magnetic separator
- ✓ Large separated particles can be further screened via a rotating drum

The ISTblast In-Line systems can process many different types of parts on a continuous basis either manually or automatically. The ISTblast In-Line systems can be equipped with either suction or pressure blast systems and the guns can be fixed or variable. These units can be custom engineered to meet your production requirements.

HOW IT WORKS



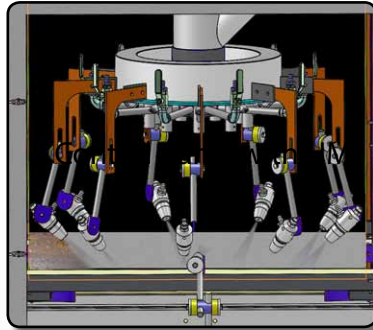
FLOOR PLAN



DETAILS



Conveyor



Rotary head with nozzles

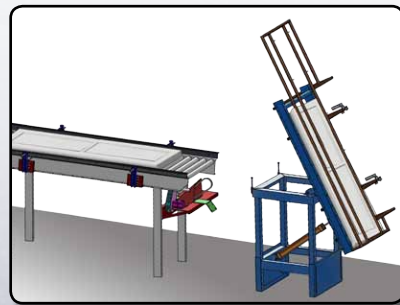
INSIDE

- Rubberized wall lining to protect against abrasion.
- Dust collection connections are located in the entry chamber, blasting chamber, and exit chamber.
- Built in safety switches prevent accidental opening of service doors while in operation.

AVAILABLE OPTIONS



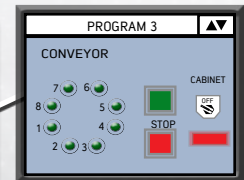
Door outlet



Loading/Offloading system



HMI* touchscreen control



*HMI control

*HMI : Human Machine Interface