

RS-6060

Batch Processing Machine

**BUILT TO SUIT
YOUR NEEDS!**



ROTARY HEAD BLAST SYSTEM



48" POWERED TURNTABLE



Empire's RS-6060 offers high blast velocities with low energy usage and the ability to evenly cover multiple geometries. No tooling is required; multiple parts can simply be placed on a powered turntable without having to be fixtured. Empire's Rotary Head Assembly includes media flow regulators and universally adjustable arms. Each gun can be adjusted accordingly to achieve optimum coverage, even with irregularly shaped parts. Once locked into place, the guns will not change position due to vibration, inertial loads, or other forces normal to these systems. This system is ergonomically designed to reduce the

*RS-6060 with optional Manual Work Station

physical stress and repetitive movements associated with manual blasting. An operator simply has to place a work-piece on a turntable, close the blast door, press a button, and then return after the blast cycle to repeat the process. This purpose built machine frees the operator to perform other essential tasks crucial to production. With the addition of an RS-6060 Batch Processing Machine with Rotary Head System, a facility can improve productivity by as much as 100% and reduce energy expenditure.

RS-50422

**AUTOMATED
BATCH PROCESSING!**



EMPIRETM
ABRASIVE EQUIPMENT

General Specifications

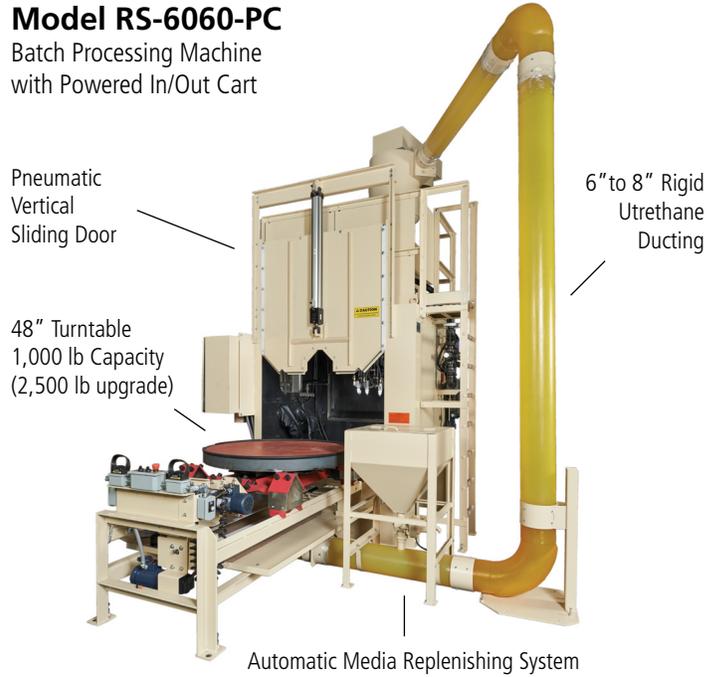
Model	RS-6060
Dimensions (DxWxH)	
Total System Volume	84" x 75" x 178"
Blast Cabinet	66" x 54" x 77"
Front Access Door (WxH)	46" x 40"
Left Access Door (WxH)	50" x 40"
Turntable	48"
Construction	
Blast Enclosure	¼" thick steel
Turntable	¼" perforated steel
Protective Mat	½ thick ultrawear
Reclaimer	12 gauge steel
Capacities	
Turntable	1,000 lbs
Turntable Drive	¼ Horsepower
Turntable Speed	0.2-2.3 rpm
Rotary Head Drive	½ Horsepower
Rotary Head Speed	0-60 rpm
Media Hopper	4 ft ³
Reclaimer	1,200 CFM
Dust Collector	1,200 CFM
Blast Nozzles/Guns	
Quantity	6 MH-3 Suction Guns
Size	3/8" wide spray
Material	Tungsten
Pipe String	2"
Electricals	
Primary Supply	460V/60Hz/3-phase

Standard Features: Two (2) Electronically Interlocked, Swing Access Doors (Front and Left) • Two (2) Turntable Jog Buttons (One at Access Door, One at Operator Station) • 2" Inlet Piping including 40 Micron Filter with Automatic Drain and Precision Regulator with Pneumatic Feedback • Rotary Head Assembly with Six (6) Suction Guns • Tungsten Carbide Nozzle Liners (3/8" WideSpray) • Four (4) cubic foot Media Storage Hopper • Media Low Level Sensor and Indicator Light • 1,200 cfm Unlined, Cyclonic Reclaimer • Heavy Duty Media Conveying Hose • 15' Dust Hose • 1,200 cfm Cartridge Dust Collector with Photohelic (EM2-2) • NEMA-12 Electrical Enclosure with Controls (480/60/3) • Unitrionics PLC and HMI • Digital Blast Cycle Timer • One Day System Run-Off at Empire's Facility

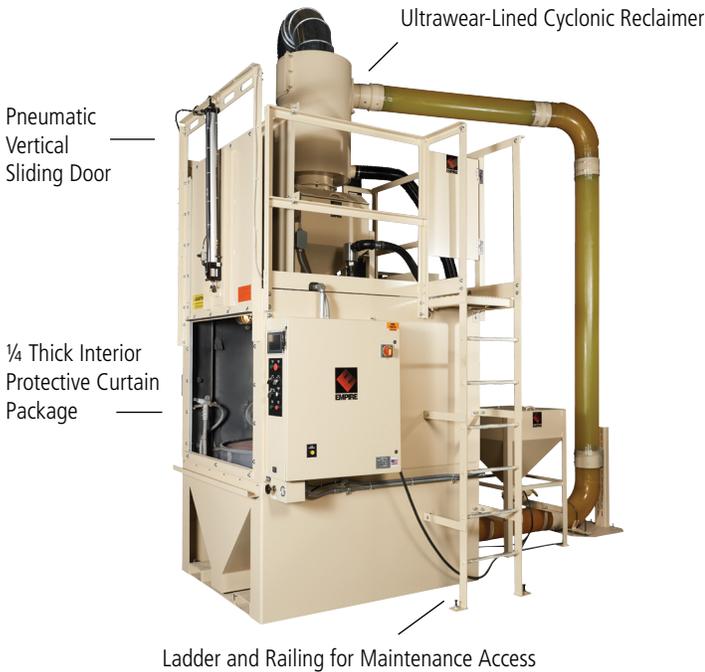
Options: Automatic Media Replenishing System provides fine control of the abrasive or shot mix in applications requiring precise, repeatable surface conditioning. Manual Work Station with MH-2 Suction-Blast Gun. Dual In/Out Work Cart and 9-gun systems with a 1,600 cfm reclaim system upgrade are available.

Model RS-6060-PC

Batch Processing Machine with Powered In/Out Cart



RS-6060 with Available Options



BEST WARRANTY IN THE INDUSTRY
 One-year limited on parts.

- Empire Air-Blast Products**
- A complete range of cabinets
 - Robotic, turntable & in-line automation
 - Pre-Engineered & Custom Blast Rooms
 - Portable Blast Equipment
 - A full line of parts and accessories

NEVER USE SILICA SAND IN ANY EMPIRE EQUIPMENT

Information subject to change without notice.

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Search: www.empire-airblast.com

