

# Empire Introduces One-Piece Flow Systems

**EMPIRE ABRASIVE EQUIPMENT** has launched two automated blast systems—the SPF 3830 System and the SPF 2424 System—that offer the benefits of automated air blasting at an attractive price.

## The SPF 3830 System

- Powers Part Rotation (3 to 30 rpm)
- Oscillates 4 Blast Guns up to 24"
- Automates Air Blasting Economically

With its roomy enclosure, adjustable blast envelope and multiple processing controls, the SPF 3830 outperforms manual air-blasting in applications requiring consistent, repeatable results. The multi-tasking SPF 3830 often processes a variety of parts within a single production facility, making it ideal for companies with short runs on many parts. Additional features include:

- **Cartridge Dust Collector** contributes to a clean work environment by capturing fines and other unwanted debris.
- Optional **Pneumatically Powered Vertical Door** speeds part loading and conserves floor space. An electric interlock switch prevents blasting with the door open.
- **Four MH-2 Suction Blast Guns** oscillate up to 24", creating a large blast envelope. A DC drive, mounted on cabinet rear, includes variable speed and adjustable stroke length.
- Optional: **1/4" Ultrawear Curtains** protect cabinet walls and door from abrasives or **1/8"-thick curtains** in black.
- **Rugged 38" Deep x 30" Wide x 65" High Cabinet**, constructed with 11 gauge steel, handles a wide range of parts.
- **900 CFM Tunable Reclaimer** reduces media loss, cuts operating costs and improves finishing results.
- Optional **Infrared Light Curtain** prevents vertical door from closing if curtain area senses an obstacle.
- **Bolt-On Access Panel** includes its own electric interlock switch.
- Optional **PLC** controls the number and length of guns



oscillations. (Standard control panel mounts on the left side of the cabinet in place of the viewing window.)

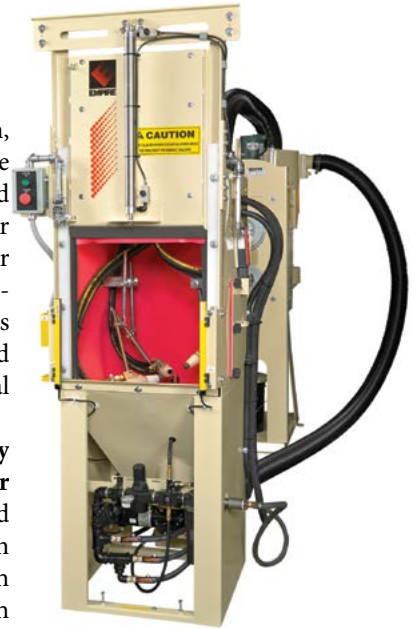
## The SPF 2424 System

- Powers Part Rotation (3 to 30 rpm)
- Great Buy for Simple Air-Blast Automation

Like the SPF 3830 System, the 2424 Model delivers the repeatability of automated air blasting, but in a simpler design and at a lower price without compromising on essentials such as media reclamation and dust collection. Additional features include:

- Optional **Pneumatically Powered Vertical Door** speeds part loading and conserves floor space. An electric interlock switch prevents blasting with the door open.
- **24" Deep x 24" Wide x 30" High Cabinet** constructed with rugged 14 gauge steel handles a wide range of parts.
- Optional **1/4" Ultrawear Curtains** protect cabinet walls and door from abrasives; **1/8"-thick curtains** in black also available as an option.
- **Three MH-3 Blast Guns** equipped with long-lasting boron nozzles and supplied by a one-cubic media hopper, creating a versatile blast envelope.
- Optional **Infrared Light Curtain** prevents vertical door from closing if curtain area senses an obstacle.
- 600 CFM Tunable Media Reclaimer
- SEM-2 Dust Collector with Manual Pulse Jet Cleaning
- DC Drive Part Rotation Assembly, Variable 3 to 30 rpm

*Both systems can be upgraded with many factory options to meet specific production needs.* ●



For more information on the SPF 3830 and 2424 Systems, contact Empire or your local Empire distributor, or visit [www.empire-airblast.com](http://www.empire-airblast.com).