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; 1/8”-thick curtains in black also available as an option.
- **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.