

# SPF 3830 System

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



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 inches, creating a large blast envelope. 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 options.

**DC Drive** (not shown) varies part-rotation speeds from 3 to 30 rpm.

**Rugged 38" Deep x 30" Wide x 65" High Cabinet**, constructed with 11 gauge steel, handles a wide range of parts.

**600 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.

*(System can be upgraded with many standard factory options designed to meet your specific production needs.)*

Empire's new SPF (Single Piece Flow) 3830 System lets users enjoy the benefits of automated air-blasting at an attractive price.

With its roomy enclosure, adjustable blast envelope and multiple processing controls, the SPF 3830 outperforms manual air-blasting in many 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.

For more information about our SPF Systems, go to the next page, contact Empire or your local Empire distributor, and visit our web site at [www.empire-airblast.com](http://www.empire-airblast.com)

**DCM-200 Dust Collector** contributes to a clean work environment by capturing fines and other unwanted debris

**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.)

# SPF 2424 System

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

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 options.

**Three MH-3 Blast Guns**, equipped with long-lasting boron nozzles and supplied by a one-cubic media hopper, create a versatile blast envelope.

Optional **Infrared Light Curtain** prevents vertical door from closing if curtain area senses an obstacle.

## ALSO INCLUDES

- 600 CFM Tunable Media Reclaimer
- SEM-2 Dust Collector with Manual Pulse Jet Cleaning
- DC Drive Part Rotation Assembly, Variable 3 to 30 rpm  
*(System can be upgraded with many standard factory options designed to meet your specific productions needs.)*

Like Empire's SPF 3830 System, the 2424 Model delivers the repeatability of automated air blasting, but in a simpler design and at a lower price – all without compromising on essentials such as media reclamation and dust collection.

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

## Empire Air-Blast Products

- A complete range of cabinets
- Robotic, turntable and in-line automation
- Blast rooms and blast booths
- Portable blasters
- A full line of parts and accessories



**EMPIRE**  
ABRASIVE EQUIPMENT



**BEST WARRANTY IN THE INDUSTRY**

**NEVER USE SILICA SAND IN ANY  
EMPIRE EQUIPMENT**

Information subject to change without notice.

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