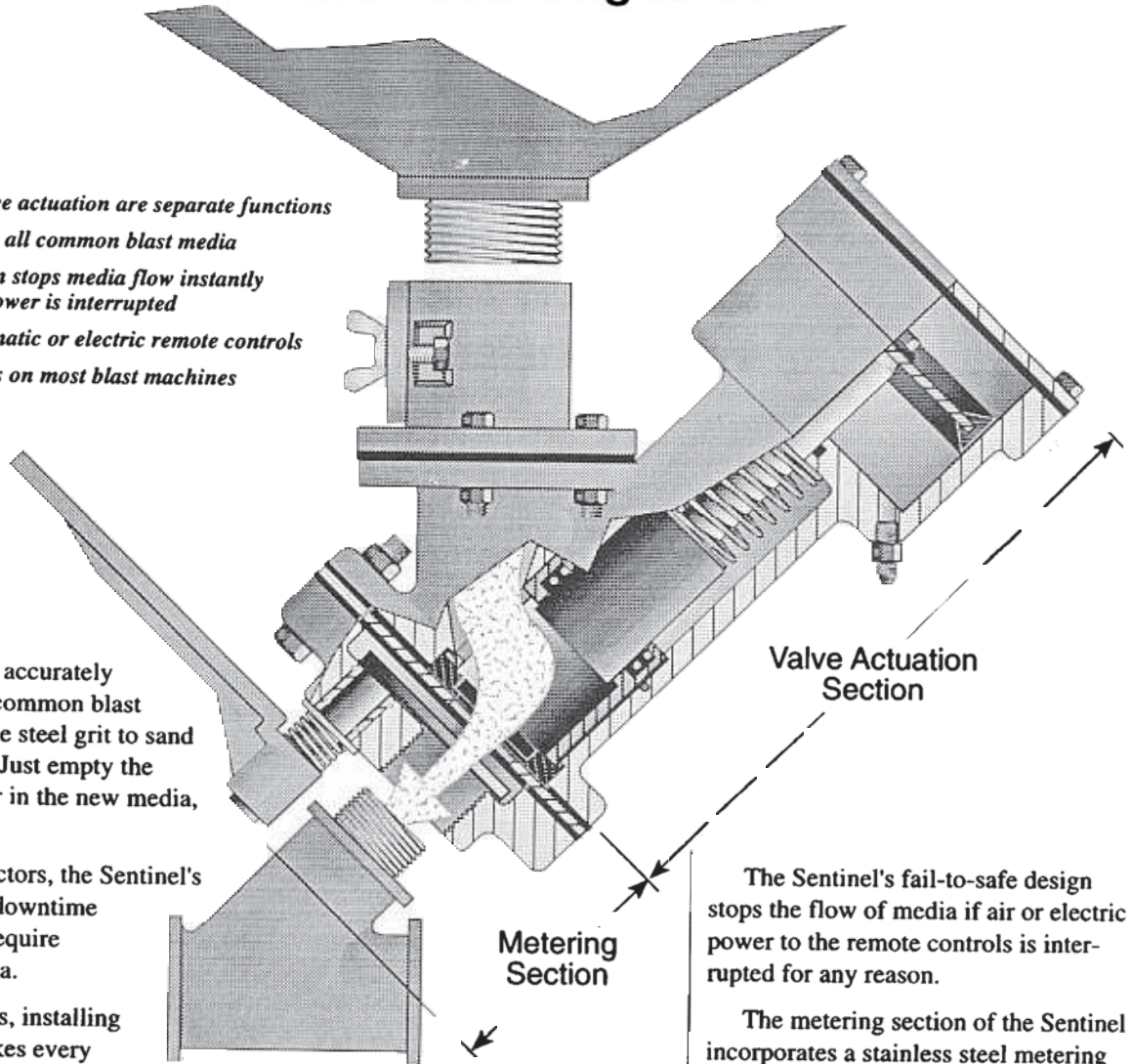


SENTINEL

Abrasive Metering Valve

- *Metering and valve actuation are separate functions*
- *Accurately meters all common blast media*
- *Fail-to-safe design stops media flow instantly if air or electric power is interrupted*
- *Works with pneumatic or electric remote controls*
- *Installs in minutes on most blast machines*



The Sentinel accurately meters all common blast media – from coarse steel grit to sand to fine glass bead. Just empty the blast machine, pour in the new media, and start blasting.

For blast contractors, the Sentinel's flexibility reduces downtime between jobs that require different blast media.

For rental outlets, installing Sentinel valves makes every blast machine ready to roll out the door regardless of the application. Any common blasting media the customer chooses will be compatible.

Engineered For Lasting Economy

Metering and valve actuation are separate functions in the Sentinel, so the wear items in the metering assembly can be quickly and inexpensively replaced in the field.

When the valve is open, the plunger is completely withdrawn from the media flow. When the remote control handle is released, the spring-actuated Sentinel instantly stops the flow of media.

The Sentinel's fail-to-safe design stops the flow of media if air or electric power to the remote controls is interrupted for any reason.

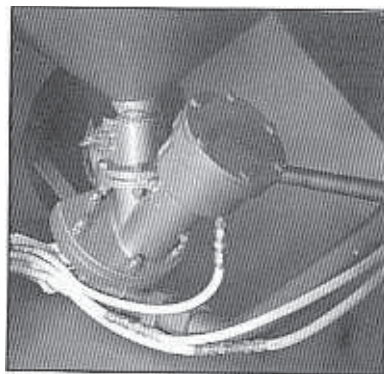
The metering section of the Sentinel incorporates a stainless steel metering plate for long life. This metering plate allows fine adjustment no matter what media is used.

An optional inspection plate lets the operator check for foreign objects and media blockages without disassembling the valve.

Versatile

The Sentinel can be configured for pressure-hold or pressure-release blast machines, with or without remote media shutoff. It works with pneumatic or electric remote controls.

The Sentinel installs in minutes on any Clemco single- or multiple-outlet blast machine. It can be adapted to machines from most other manufacturers.

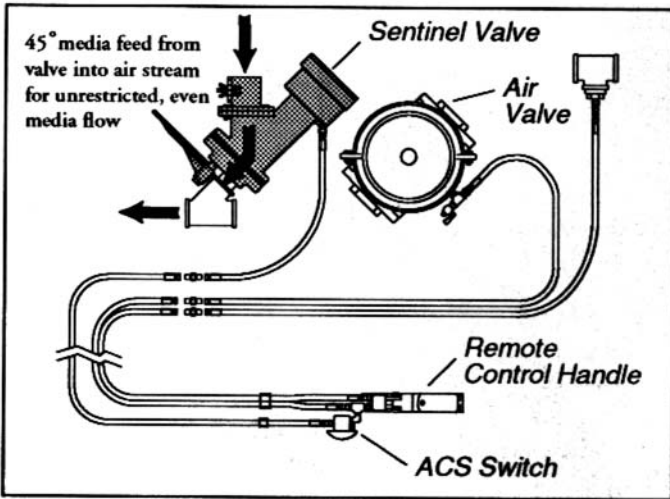


SENTINEL REMOTE CONTROL SYSTEMS

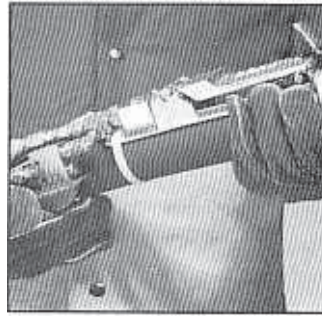
OSHA requires the use of remote controls on all abrasive blast machines. All Clemco remote controls meet OSHA requirements, and are available to operate either pneumatically or electrically. Clemco remote controls systems are benchmarks for the industry.

Sentinel Remote Control System

The Sentinel Remote Control Systems provide operator start/stop media control at the nozzle without depressurizing the blast machine. On multiple outlet blast machines, this allows one or more operators to stop blasting without affecting any other operator using the same machine. These systems are equipped with Clemco's Abrasive Cutoff Switch.



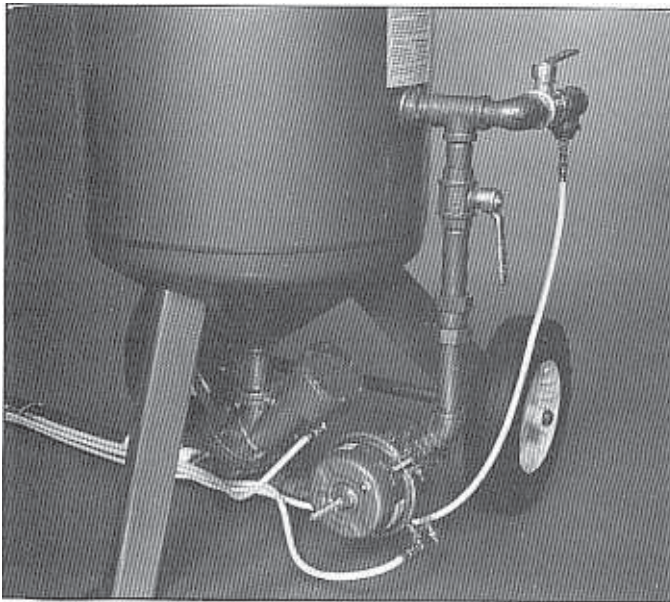
Abrasive Cutoff Switch (ACS)



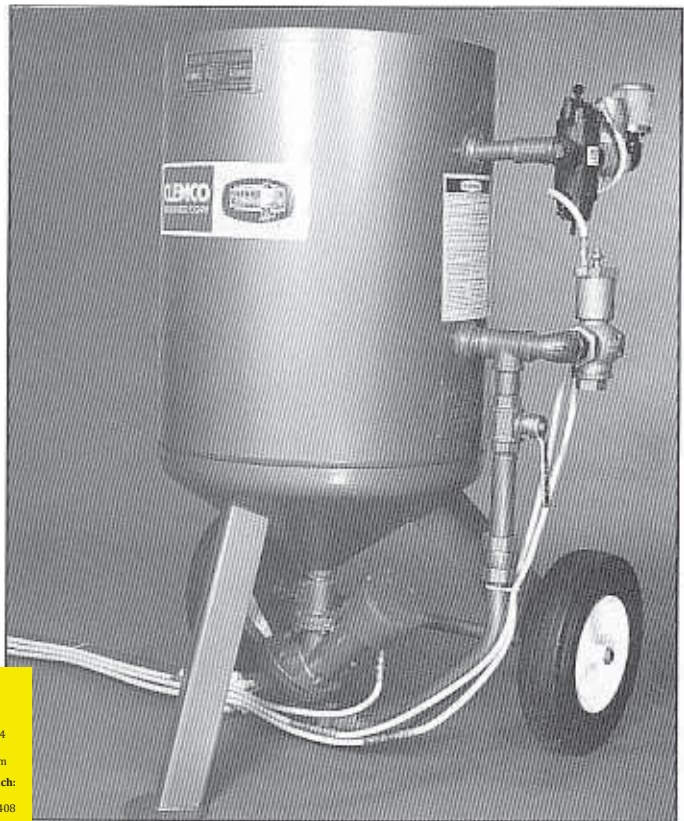
The electric or pneumatic Abrasive Cutoff Switch, a standard feature of all Sentinel Remote Control Systems, allows use of compressed air from the blast nozzle for dust blow down. A switch at the nozzle opens and closes the media valve without actuating the air valve. When

blasting is completed, the operator simply flips the ACS switch to off, which closes the Sentinel Media Valve completely. The air valve remains open so that only high velocity air flows from the nozzle. Releasing the RLX Remote Control Handle shuts off the entire unit.

The ACS can be easily added to most remote control systems which incorporate a pneumatically operated metering valve. ACS must not be used to blow lead-contaminated dust or other hazardous materials. *Ref: OSHA 29CFR Part 1926*



Sentinel Pneumatic Remote Control System, SRC-125-C



Sentinel Pneumatic Remote Control System with TLR-300

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