

# Options Plus



*Tailor Your ZERO Cabinet to Your Application*



**CLEMCO**<sup>®</sup>  
INDUSTRIES CORP.  
The Performance System

# Options Plus – A cabinet filled with possibilities

*We know a stock blast cabinet rarely stays that way for long. Fully half of our cabinet buyers order at least one option or accessory.*

Now **Options Plus**, from Clemco Industries, lets you combine standard accessories and non-standard options to create your own perfect blast system.

Essentially, Options Plus is a capabilities presentation brought to life in metal, glass, and rubber. Just about any cabinet accessory we've built is now available for the asking.

Need vertical lift doors? We've built manual and pneumatic.

Need pass-through cabinet doors? Send the dimensions, we have some sizes standard, but others can easily be adapted.

Need time-delayed door interlocks that hold the doors closed until the dust has cleared? We've done that.

Because we've already built these designs, we can deliver an Options Plus system much more quickly. And because Options Plus incorporates proven components, your new system will deliver the productivity and convenience you expect from a ZERO cabinet.

Most Options Plus automation components increase the speed and efficiency of your ZERO cabinet for a specific application, yet still allow the versatility of manual blasting.

Of course we can't cover everything in one brochure. If you don't see what you need here, call us. Options Plus – because one size does not fit all.

## **ALOX Kits**

Protect your investment from aggressive abrasives with rubber curtains for the cabinet interior walls and doors, and a longer-wearing boron carbide nozzle. Curtains available in black or super reflective white.



*Alox Kit includes rubber curtains for cabinet*



*Double Cabinet with additional operator station*

## **Additional Operator Stations**

Clemco builds two sizes of double cabinets for long items. Or, we can add a window and gloves to a BNP 600 or BNP 720 cabinet for a second operator station. For bulky work pieces, the second station lets you reach the side or back without having to remove it from the cabinet. Order your cabinet with an additional blast system, and two operators can blast simultaneously while sharing the recovery system in a single cabinet.

## **HEPA Filters**

Our standard reverse pulse cartridge dust collectors trap 99.7 percent of dust particles as small as 0.5 microns. A High Efficiency Particulate Air (HEPA) filter captures 99.97 percent of the remaining dust particles (down to 0.3 microns). Our freestanding HEPA filter connects to any existing Clemco RP collector, and our top-mounted HEPA filters work with the Pulsar all-in-one blast cabinets.



*HEPA filter on Pulsar III*



*Rotating Angled Nozzle on Vertical Oscillator*

## **Special Blast Guns, Nozzles, and More**

Clemco makes an unmatched variety of nozzles, nozzle liners, and specialty tools to cover just about any part you plan to process.

Wide spray nozzles produce a bigger, more uniform blast pattern.

Angled nozzles, rotating nozzles, and internal-pipe-cleaning nozzles go where conventional nozzles can't reach.



### ***Vertical Lift Doors***

Mounted on one side (or both on select cabinets), vertical lift doors reduce the floor space required to swing open a conventional door. This is especially useful with a work car. Available on our Pulsars and BNP 65, 220, 600, 720, and double cabinets, the pneumatically operated doors open with a switch.

***BNP 720 with Vertical Lift Door***



### ***Rollers***

Manual or powered rollers rotate gas cylinders and other tube-shaped parts for all-over blasting. Mounted on a work car, rollers speed loading and unloading of these cumbersome parts.



***Roller mounted on powered work car***

### ***Time-Delay Door Interlocks***

This increasingly popular option keeps you from opening the doors while blasting and until the dust has fully cleared. Releasing the cabinet foot pedal triggers an adjustable count-down timer that allows the doors to open only after a predetermined time.

### ***Work Cars***

Take the strain out of manually loading heavy or awkward parts. Our standard work car and turntable combinations carry up to 500 pounds. Higher-capacity work cars, with or without turntables, require additional cabinet bracing and are offered only as factory installations. A work car can be fitted with just about any parts handling system, from rollers to turntables to fabricated fixtures – whatever it takes to make the job easier, faster, or better.



***Turntable mounted on manual work car***

### ***Turntables***

ZERO's standard turntables – rated for 250-lb. to 2,000-lb. capacities, let you manually rotate the work piece within the cabinet. Pneumatic or electric powered turntables, with fixed or variable speed operation, move parts for manual or automated blasting.

### ***Adjustable Gun Mount***

In a manual cabinet, the adjustable mount holds the blast gun at a specific position while you lift and manipulate the part under it. It helps reduce window frosting by keeping the blast pointed away from the glass. Used in conjunction with a powered turntable, the gun mount turns your manual cabinet into an automated blast system.

### ***Sound Attenuation Kits***

Heavy-duty construction already makes ZERO cabinets among the quietest you can buy; now we offer additional sound-deadening for applications where noise levels are strictly enforced. Depending on your requirements, our engineers can relocate and muffle the air inlet and exhaust and apply sound-deadening foam to reduce noise levels outside the cabinet.



***Vertical & Horizontal Oscillator in BNP 720***

### ***Oscillators***

A vertical or horizontal oscillator turns a manual blast cabinet into a simple automated system. Oscillation increases the effective coverage area of any suction or pressure blast system. Combine an oscillator with a powered work car, turntable, or fixture for efficient automated blasting.

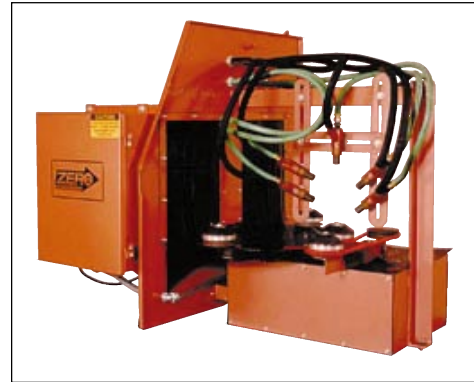


A-250 Automation Kit

### Automation Kits

The A-300 Automation Kit adds a turntable, four fixtures, and up to five rack-mounted automatic blast guns to a ZERO BNP 220 blast cabinet. Configure the A-300 turntable for indexing or continuous operation; vary the fixture rotation from 0 to 30 rpm; and set the timer for 0 to 30 minutes. The rotating fixtures can handle parts up to 9 inches tall by 6 inches wide. The A-300 is available factory installed or as a field-installation kit.

The A-250 kit includes a variable-speed rotating fixture and one rack-mounted automatic blast gun. This simple automation accessory can be installed in almost any cabinet and removed when not needed. Perfect for short runs and sample processing.



A-300 Automation Kit

### Tumble Basket

Stop blasting holes in your gloves trying to clean screws and other small parts. Our perforated tumble basket rotates small parts under the blast nozzle for all-over coverage – and helps keep them out of the cabinet sump. The two-gallon motorized basket mounts on the door of any standard cabinet. Includes the adjustable gun mount.

### Other available Options Plus accessories

	All Pulsar Models	BNP 55	BNP 65	Double 65	BNP 220	Double 220	BNP 600	BNP 720
Automatic Pulse Kit*	✓	*	*	*	*	*	*	*
A-300 Automation Kit (four fixtures)					✓	✓		
A-250 Automation Kit (single fixture)	✓	✓	✓		✓			
Air-Powered Turntables 24" & 30" 1000# capacity with track extension	✓		✓	✓	✓	✓	✓	✓
Curtain sets	✓	✓	✓	✓	✓	✓	✓	✓
Manometer Kit	✓	✓	✓	✓	✓	✓	✓	✓
Storage Hoppers			Pressure	Pressure	Pressure	Pressure	Pressure	Pressure
Turntable and Track Extensions	✓	✓	✓	✓	✓	✓	✓	✓

\* Cabinets with RPC & RPH dust collectors or power modules have automatic pulse as standard.

✓ Indicates models that can accept the particular option.

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