

# Maxi-Blast<sup>®</sup> Inc.

MAKES FEED SCREW  
CLEANING A BLAST

3650 NORTH OLIVE ROAD, SOUTH BEND, IN 46628

PHONE 574.233.1161 | TOLL FREE 800.535.3874

FAX 574.234.0792 | WEB MAXIBLAST.COM



Eliminate long, tedious hours of hand cleaning. No torching, burning or use of wire wheels. No hazardous fumes. With Maxi-Blast equipment and Maxi-Blast plastic media, cleaning feed screws is a quick one-step process. Save time and money with the Maxi-Blast team.

## MAXI-BLAST EQUIPMENT

- Dependable, Quality Performance
- Requires Little Or No Maintenance
- Customized To Meet Your Needs and Requirements
- Several Sizes And Models

## MAXI-BLAST PLASTIC MEDIA

- Non-Abrasive
- Reusable
- Saves Time And Money

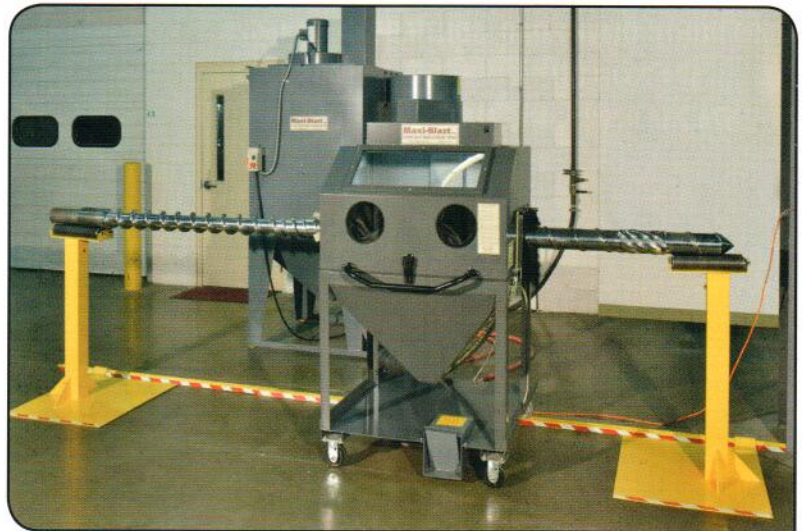




# Maxi-Blast<sup>®</sup> Inc.

PLASTIC BLAST CLEANING MEDIA | FINISHING EQUIPMENT AND TECHNOLOGY

## PRESSURE BLAST MOBILE FEED SCREW CLEANING



(MBS3628/patent #8827770)

Specifically designed for the blast cleaning of screws using recyclable plastic media, our direct pressure dry blast cabinet systems are self-contained for a dust-free, non-toxic cleaning environment.

To ensure maximum operator visibility, dust is vacuumed from the cabinet by means of a high efficiency blower located on the clean air side of the dust collector. For easy maintenance, the dust collector is equipped with cotton filter bags with a manual shaker. Media is cleaned by passing through a vibrating screen to trap large contaminants and simultaneously, through a magnetic separator that filters out ferrous contaminants before being stored for reuse. Reloading of media into the pressure vessel from the storage hopper occurs automatically each time the operator releases the foot pedal, depressurizing the vessel.

To provide for smooth flow of the low-density plastic, a 60° cone-shaped pressure vessel and hopper are standard. An adjustable valve controls the feed rate of the media into the air stream.

These durable machines are built for years of reliable service with plastic media. The cabinet and dust collector are constructed of 12- and 14-gauge prime steel, all-welded construction. These machines feature a mobile clam shell design, which enables large heavy feed screws to be cleaned quickly and safely. The rolling design allows the work area to always remain directly in front of the operator, keeping the operation efficient and ergonomically friendly.

[www.MaxiBlast.com](http://www.MaxiBlast.com)

## AVAILABLE ACCESSORIES

- » Turntables
- » Track Extensions
- » Magnetic Separators
- » Inside Screw Support
- » Outside Portable Screw Support
- » Stationary Easy Turn Screw Support
- » Jack Stand With Easy Turn Rollers

## SYSTEM FEATURES

- » Extrusion Screw Port Hole
- » Safety View Window, Gloves, Bright LED Lights
- » Foot-Controlled Blasting, Durable Blast Hose, Tungsten Carbide Blast Nozzle
- » 1.6 Cu. Ft. ASME Coded Pressure Vessel
- » Moisture Separator And Pressure Regulator
- » Vibrating Screen To Filter Out Large Contaminants
- » Air Blow-Off Gun
- » Starter On Systems With 3-Phase Electricals
- » Roof Entry Of Blast Hose
- » Dust Collector Muffler
- » Clam Shell / Easy Open



**STANDARD MODEL** (Special models are available)

MODEL MBS3826/DC200	Inside Dimensions	LED Lights	Door Opening	Dust Collector Filter Area	Blower HP and CFM at 1" S. P.	Electrical	Floor Space Cabinet & Dust Collector + WDH	Shipping Weight (LBS.)
	36" Wide 26" Deep 24" High	1850 Lumens For Maximum Visibility	90° Clam Shell	DC200/145 sq.ft.	2HP / 850 CFM	208-230 V, 1 Ph, 60 Hz, 5.6 FLA Standard	168" x 94" x 106"	1500#

**CLEAN ALL TYPES OF SCREWS/TOOLING**

- » Extrusion Screws
- » Injection Screws
- » Twin Screws
- » Screw Tips
- » Dies/Die Heads
- » Molds
- » Breaker Plates



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**AIR CONSUMPTION TABLE FOR PRESSURE DRY BLAST**

Nozzle Diameter	CFM At Specified PSI Setting		Air Compressor Motor Size
	40PSI	60PSI	
3/16"	23	33	10HP
	41	57	
1/4"	64	90	25HP
3/8"	92	128	40HP

For the purpose of product improvement, changes in features, specifications, and standard equipment may be made at any time.

**WARRANTY:** Material and workmanship on all basic components of the system, including cabinet, pressure vessel, dust collector, and special accessories, are warranted for one year from the date of delivery. Wearable items such as gloves, hoses, nozzles, filters, and gaskets are not protected by the warranty.





BEFORE



AFTER

## COST ANALYSIS

Typically it takes 4-8 hours to clean a screw manually. This may be acceptable if you do one per week, but if you're cleaning one per day, you have one person cleaning screws full-time.

The Maxi-Blast system will clean screws in 30 minutes (average time) with no hazard such as torches, toxic fumes, dangerous wire wheels, or hand scraping.

Analysis	Traditional Hand Cleaning	Maxi-Blast Method
Cost Per Screw	8 hours x wage (\$10.00/hr)=\$80 per screw (+ minimal cleaning materialsj - cost unknown)	30 minutes x wage (\$10.00/hr)= \$5.00 perscrew + media consumed approx \$6.75 per screw=\$11.75 per screw (+ minimal electricity - cost unknown)
Cost Per Year (If you clean 20 per Month or 240 screws per year)	240 x \$80.00=\$19,200.00 (approximate)	240 x \$11.75=\$2,820.00 (approximate)
Annual Savings		\$16,380.00

The annual savings allow a six-month or less return on investment for your machine purchase. Send us a screw for a no-charge, custom cleaning and see for yourself the benefits of the Maxi-Blast system.

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AN ISO 9001: 2008 COMPANY