



# **SUPER AD-A-BLAST**

**True Quality in Blast Finishing Equipment**

# Two Styles Of The

## Syphon Blast

This style of the **SUPER AD-A-BLAST** abrasive blast cleaning cabinet is the most commonly used. Most of all desired surface finishes can be achieved by syphon blasting. Media is placed in the abrasive storage hopper where it is syphoned through an abrasive hose via a vacuum or venturi process created by compressed air. The media is mixed in the blast gun assembly then emitted from the blast nozzle.



A Syphon Blast System is needed if the following apply to your process:

- No need to blast clean blind holes.
- Must blast clean deep core spaces, but not rapidly.
- Need a bondable surface.
- Specifications call for syphon system.

A syphon blast system offers these advantages:

- Low purchase price.
- Effortless media change.
- Low wear factor.
- Constant production (no down time).

### C.F.M. Usage Chart

SYPHON BLAST SYSTEM:		P.S.I.	30	40	50	60	70
			C. F.M. Required				
1/4" Nozzle	1/8" Air Jet		10	12	14	17	19
3/8" Nozzle	3/16" Air Jet		22	27	33	38	43
1/2" Nozzle	1/4" Air Jet		40	50	58	67	76

# SUPER AD-A-BLAST

## Pressure Blast

This style of the **SUPER AD-A-BLAST** abrasive blast cleaning cabinet is extremely effective. All blast media is put into the pressurized tank or "pressure pot." It is then pushed into the compressed air stream via pressure and is conveyed through the blast hose to the nozzle.

A Pressure Blast System is needed if the following apply to your process:

- Must blast clean blind holes.
- Must rapidly blast clean deep cored spaces.
- Must have "anchor" tooth or etch pattern on the blasted surface.
- Specifications call for pressure system.

A pressure blast system offers these advantages:

- Cleans blind holes/deep crevices.
- Emits abrasive at high velocity.
- Consumes a low volume of shop air

### C.F.M. Usage Chart

PRESSURE BLAST SYSTEM: P.S.I.	30	40	50	60	70
	C. F.M. Required				
3/16" Nozzle	22	27	33	38	43
1/4" Nozzle	40	50	58	67	76
5/16" Nozzle	63	80	91	105	119



# Exclusive features of SUPER AD-A-BLAST

The **SUPER AD-A-BLAST** line of dry abrasive blast cabinets is designed for low to medium production. As stated in it's name, "Ad-A-Blast", several valuable features can be added to the machines basic cabinet design if needed.

The **SUPER AD-A-BLAST** series can be used with all types and sizes of abrasives.

## SUPER AD-A-BLAST SPECIFICATIONS

Construction:	12 & 14 Gauge Hot Rolled Steel
Lighting:	200 Watt Incandescent Light
Tubular Dust Collector:	12 Sq. Ft. Tubular Bag Filter Area
Blower Motor:	1/3 Hp, TEFC, 115 Volt, 1 Phase, 60 Cycle
"ED" Dust Collector:	Enclosed With 100 Sq. Ft. Envelope Bag Filter Area
Blower Motor:	1 Hp, TEFC, 115 Volt, 1 Phase, 60 Cycle
Air Controls For Syphon Blast:	Elbow Button
Air Controls For Pressure Blast:	Foot Control
Electrical:	NEMA Rated
Window:	1/4" Laminated Safety Glass
Gloves:	Anti-Static, Neoprene Cloth-Lined
Gauntlets:	Hand Sewn, Gum Rubber

## SUPER AD-A-BLAST DIMENSIONS

Inside working area:	AD-A-BLAST #19	AD-A-BLAST # 25
Width:	36"	48"
Height:	30"	30"
Depth:	30"	30"
Door opening:	26"H x 26"W	26"H x 26"W
Overall Width:	37"	49"
Overall height:	81"	81"
Overall Depth:	55"	55"
Approximate Weight:		
Syphon:	525 lbs/725 Lbs "ED"	550 lbs/750 Lbs "ED"
Pressure:	670 lbs/770 Lbs "ED"	695 lbs/795 Lbs "ED"

## Special Features of the I.C.M. SUPER AD-A-BLAST:

- The user friendly design makes blasting projects easy and cost effective.
- An enclosed dust collector ("ED" Models) can be ordered with the machine or added later.
- The machine can be ordered as a pressure blast or syphon blast system.
- A particle separator is mounted inside the cabinet to convey dust and dirt into the dust collector and recycle usable abrasive back into the blast system.
- The machine is available in two sizes to accommodate various parts.
- All I.C.M. products are guaranteed for one year against defective materials (excluding high wear items) and workmanship.

## Typical Applications

*Machine Shops*  
*Automotive Machine Shops*  
*Plating Shops*  
*Aerospace*  
*Mold Repair Shops*  
*Jet/Diesel Engine Repair*  
*Foundries*  
*Gear Manufacturing*



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