Screen reclaiming is no longer the worst job in screen printing! Autoblaster/ARS is a tool that provides perfect screen reclaim results with every screen reclaimed. Automate screen reclaiming, reduce employee exposure to overspray and chemicals with the affordable Autoblaster/ARS!

In 1980, Hydro Engineering, Inc. set the standard for screen reclaiming with the introduction of a 3,000 PSI Hydroblaster that could remove ink and emulsion without damaging the screens and with little to no chemicals.

A side benefit emerged with high-pressure reclaiming. All contaminants (ink and emulsion) removed from screen by high pressure came off screens as solids. As solids these contaminants were easily removed from the waste stream by mechanical filtration methods while sending clarified water to the sanitary sewer.

In 1994 a cooperative project between the U.S. Environmental Protection Agency and the Printing Association Nationwide completed a study that looked at risk, performance and cost as it applied to screen reclaiming. Hydro Engineering, Inc’s screen reclaiming method was overwhelmingly successful in reducing risk and cost while enhancing performance.

Hydro Engineering Inc’s product development team is proud to introduce - Autoblaster/ARS, automatic screen reclaim system.

A Little HISTORY

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Hydro Engineering Inc’s product development team is proud to introduce - Autoblaster/ARS, automatic screen reclaim system.
Autoblaster/ARS cleans screens in 1-2 minutes, making it possible to reclaim hundreds per day, with perfect consistency.

Autoblaster/ARS design provides a safe, simple, and cost effective tool for reclaiming screens.

Goals in design of Autoblaster/ARS were to eliminate hand held pressure washers that place operators in an environment where chemical and overspray is considered hazardous, and to eliminate operator fatigue and inconsistency in screen reclaim quality. Autoblaster/ARS is a tool that provides consistent results with every screen reclaimed.

Hydro Engineering final goal for Autoblaster/ARS was cost! Start up shop to those doing very high volume should look into automating screen reclaiming. Buy or lease, we have a plan that will work for you.

For those requiring solids filtration prior to discharge of wastewater:

CMAFU-2 automated solids filtration system is the perfect solution for any size screen printer.

Typical steps For Reclaim Process:

1. Card excess ink at press, remove tape from frames
2. Apply emulsion remover and allow to dwell for 30 seconds
3. Place screen on conveyor, run through Autoblaster/ARS
4. Inspect screen; if there is a ghost image in screen, continue
5. Apply liquid ghost image remover, brush on ink well side of screen and allow to dwell
6. Place screen on conveyor, run through Autoblaster/ARS

This reclaim process removes ink and emulsion as a semi solid. A stainless steel sump box and pump sitting under Autoblaster/ARS drain automatically pumps collected reclaim water to your discharge point. If filtration prior to discharge is required, the CMAFU-2 will remove solids to 5 microns nominal, and can handle an unlimited volume of screens reclaimed per day.
Built specifically for screen printers, our Hydroblasters have been used in screen reclaiming for 40 years. Each unit is designed with the safety and reliability that our customers have come to expect.

Low maintenance gravity filter with continuos media conveyance. Designed for solids reduction in a variety of applications.

Electric powered, cold water pressure washer. Powered up to 5 HP and 3,000 PSI.

Hydrobooth created the standard, now everyone else has to live up to it. The Hydrobooth screen reclaiming booth is the toughest built system on the market.

Solids filtrations with a combination of stainless steel screens and a replaceable bag filter. Capture suspended solids larger than 20 micron nominal.

More Products for Screen Reclaim
You will be amazed

**Specifications**

| Screen Size | 25" x 36" (optional sizes available) |
| Controls | Remote control box, conveyor, light box and hydraulic power system. |
| Safety | High pressure water jets contained within cabinet, slow conveyor speed, NEMA-4X water tight control box, 24 volt control voltage. |
| Hydraulic Power System | 7.5HP, 208/230VAC, 1 Phase, 32 Amps
7.5HP, 208/230VAC, 3 Phase, 21 Amps |
| Conveyor Speed | 1 inch per second |
| Dimensions | 105” L x 23” W x 65” H |

**ES Series**
Hydroblaster Pressure Washers

**EI Series**
Hydroblaster Pressure Washers

**Hydrobooth**
Washout Sinks

**ECIN**
Integrated Washout Booth

**CFS3**
Hydrokleen Water Filtration

**CMAFU-2**
Hydrokleen Water Filtration

Equipment from Hydro Engineering, Inc
THANK YOU
for your business