

BLACKLINE *mfg*

INNOVATIVE SCREENPRINT CLEANING EQUIPMENT

A DIVISION OF
 **MTECH**
INCORPORATED

WWW.BLACKLINEMFG.COM

ABOUT US

Over a decade ago, the founders of Blackline Manufacturing were running a screenprint facility in Northern California when the need arose for a small ink removal station. After searching the market place and finding nothing that met his needs, owner Tom Black made a decision -- he would build his own out of polypropylene plastic. It was then that the original Blackline DS was born.

Today, Blackline Mfg. has become the premier manufacturer of quality screenprint clean room equipment, encompassing a wide range of products designed for the sole purpose of improving screenprint shop efficiency and workflow -- all at an affordable price. We offer filtration systems, washout booths, diptanks, accessories and recirculation systems. Whether you have a start-up print shop or a large production facility with automatic presses, Blackline Mfg. has a CAD-designed, precision-built product to fit your needs.

Blackline Mfg.'s products are built exclusively of the highest quality polymer plastic, which means they will never rust or corrode and are extremely durable. We have over 30 years of combined screenprinting and plastics fabrication experience, and our knowledgeable and friendly staff is always ready to help. If you don't find a stock item that fits your needs, inquire about one of the many customizable units we offer.

Please call toll free or email us regarding any of the products in our catalog. We look forward to helping you improve your facility. After all, our job is to make your job easier. Contact us today to discover what Blackline Mfg. can do for you.



CNC operator Alan McDowell oversees the cutting of one of Blackline Mfg.'s products.



Screenprint equipment fabricator Taylor Ashcraft welds up a KDL KnockDown sink.



Shop foreman Jeff McDowell records inventory in the Blackline Mfg. warehouse.

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WASHOUT BOOTHS

CLEAN AND RECLAIM



WDX

A washout booth is the foundation of an efficient clean room, and the WDX is Blackline's top-of-the-line washout. Constructed of easy-to-clean, welded polypropylene, the WDX series (WDX36 shown) is precision-built and features built-in screen supports, scrubber hooks and a full ceiling and splash guards to help minimize overspray.

The WDX comes standard with a fully backlit, semi-transparent polypro back panel that makes viewing screens easy, and the perforated drain prevents tape from clogging the waste system.

Sizes:

Height (with legs): 74"

Widths: 36", 48", 60", 72" or 96"

Depth: 24"

Options:

30" depth

Custom sizes

FEATURES:

- 44-inch interior box height
- Full ceiling
- Splashguards
- Pressure washer wand support
- Hooks for hanging scrub brushes
- Backlighting
- AirLectric foot switch
- Built-in screen supports

WASHOUT BOOTHS

CLEAN AND RECLAIM

WB

If you're looking for a strong, durable washout booth at an affordable price, look no further than Blackline's WB. The WB is an open-top booth constructed of welded polypropylene and comes equipped with many of the features found on our deluxe washout. These include two, four-foot backlight strips, a semi-transparent back, built-in screen supports and a perforated drain.

Durability. Features. Value. The WB offers them all.

Size:

Height (with legs): 74"

Widths: 48" or 60"

Depth: 24"

Options:

30" depth

Custom sizes



FEATURES:

- Hooks for hanging scrub brushes
- Two, four-foot backlight strips
- AirLectric foot switch
- Built-in screen supports
- Pressure washer wand support

WASHOUT BOOTHS

CLEAN AND RECLAIM

KDL



Blackline's KDL is the original UPS-shippable washout booth. Full size and made of 1/4-inch, semi-transparent natural polypropylene, the KDL is strong, durable, and built to give you years of service. It will accommodate up to a 23 x 31-inch screen and comes with screen supports and a perforated drain. And because the KDL is semi-transparent, backlighting can be easily added by the customer if desired.

So if you're looking for an entry-level washout booth that will grow with your business, Blackline's KD series of sinks are the perfect fit.

Size:

Height (with legs): 64"
Width: 32"
Depth: 24"

FEATURES:

- Welded main pan
- Locking side and back panels
- Built-in screen supports
- 1/4-inch natural polypro construction
- Easy to backlight
- Ships UPS ground

WASHOUT BOOTHS

CLEAN AND RECLAIM

KD-XL

The KD-XL is the big brother of the KDL and employs the same innovative Knock-Down system that allows them both to be disassembled and shipped via UPS ground in one box.

With an extra four inches in width and five inches in height, the KD-XL provides additional room for screens up to 23 x 31 inches in size. And like the KDL, the KD-XL is made of durable, chemically resistant 1/4-inch natural polypropylene and features built-in screen supports and a perforated drain.

The KD-XL is an excellent addition to any clean room.

Size:

Height (with legs): 69"
Width: 36"
Depth: 24"



FEATURES:

- Welded main pan
- Locking side and back panels
- Built-in screen supports
- Easy to backlight
- Easy to assemble
- Bolt on legs
- Ships UPS ground

FILTRATION

TRAP AND FILTER INK AND EMULSION

FILTER ONE



The Filter One fits easily under any of Blackline's washout booths

While a washout booth is essential in maintaining an efficient clean-room, the disposal of ink and emulsion by-products is critical. Waste solids have the potential to ruin plumbing, septic systems -- or both.

Blackline's solution to this problem is the Filter One, an under-sink filtration system that utilizes a dual-tank design to trap ink and emulsion solids before they reach the outflow. The Filter One hooks up to your present plumbing, and when used with biodegradable, non-toxic cleaners, discharge from the system is drain safe. It's extremely easy to operate and fits neatly under any of Blackline's washout booths, making a cost effective waste management system.

Size:

Length: 29"
Width: 17"
Height: 15.25"

Custom sizes available

FEATURES:

- Keeps ink and emulsion out of the septic system
- Dual-filtration
- Simple, compact and efficient
- Ships UPS ground
- For use with biodegradable solvents only

FILTRATION / RECIRC

INK REMOVAL SYSTEMS

SUPERTRAP

The SuperTrap is designed to turn your washout booth into an ink removal station. With its 15-gallon capacity, think of it as a scaled down, under-sink version of the DS or D2 that can be easily plumbed to any of Blackline's washout booths.

How does it work? The ST traps ink sludge and recirculates cleaning solvents so they can be reused many times over, saving both time and money.

The SuperTrap is especially useful for shops using large format screens that don't fit into a standard size sink. Simply slide a SuperTrap underneath your oversized washout booth and transform it into a complete ink removal station.

Size:

Length: 22"

Width: 18"

Height: 17"

Custom sizes available



FEATURES:

- 15-gallon capacity
- One filter housing
- One polypropylene filter
- Chemical pump
- AirLectric foot switch
- Chemically-resistant hoses and fittings
- For use with biodegradable solvents only
- Ships UPS ground

FILTRATION / RECIRC

INK REMOVAL SYSTEMS



DS

Every screenprinter faces the same dilemma: How do you manage ink waste generated by the screen-cleaning process? Ink that is allowed to enter the waste system will eventually become a serious problem; Blackline's DS is aimed squarely at preventing that from happening.

The DS utilizes a 33-gallon, dual-tank design that isolates and traps ink sludge and separates it from the cleaning solvent, which is then filtered and pumped back through the system and re-applied to the next screen using the included spray nozzle.

Designed for use with biodegradable cleaners, the DS is cost effective and easy to operate and maintain. Since it is self-contained it does not require any additional plumbing and can be conveniently placed anywhere in the clean room. Simply plug it in and watch your ink management problems disappear.

Size:

Height (with legs): 74"

Width: 36"

Depth: 24"

Custom sizes available

FEATURES:

- Chemical pump and plumbing
- Chemically resistant hose
- Electrical power cord
- AirLectric foot switch
- One canister filter housing
- One polypropylene filter
- Spray nozzle
- For use with biodegradable solvents only

FILTRATION / RECIRC

INK REMOVAL SYSTEMS

D2

Combine the functionality of the DS with a modular, UPS-shippable package and you have the D2, a two-piece solvent recirculation system designed specifically as an ink removal station.

Designed for use with biodegradable cleaners, the self-contained D2 is durable and easy to assemble, service and maintain. When removing ink from screens, the D2's 20-gallon dual-tank system isolates and traps ink sludge and separates it from the solvents, which are filtered back into the system using a footswitch-driven pump. Solvents can be reused, and like the DS, since there is no need for additional plumbing the D2 can be set up anywhere in the shop.

Size:

Height: 69"
Width: 36"
Depth: 24"



FEATURES:

- Completely self-contained
- 20-gallon tank
- Chemical pump and plumbing
- Built-in screen supports
- Filter housing and one filter
- Sight window for fluid level monitoring
- Ships UPS ground in two boxes
- For use with biodegradable solvents only

DIPTANKS

QUICK SCREEN CLEANING AND RECLAIMING



Large diptank shown with screen hold down



Shown with included lid, which helps reduce evaporation when not in use

LARGE DIPTANK

Dip tanks have enjoyed huge success since being introduced several years ago due to their ability to quickly and easily remove ink and emulsion when used in conjunction with the new one-step cleaners on the market.

Blackline's large diptank is built of 3/8-inch welded polypropylene and holds up to six standard size screens. It ships UPS ground and comes standard with a screen hold down, exterior supports, a lid to minimize solvent evaporation when the system is not in use and a spigot for easy draining of solvent.

Size:

Height: 27"
Width: 36"
Depth: 10"

Custom sizes available

FEATURES:

- 3/8-inch welded polypropylene construction
- Six standard-size screen capacity
- Spigot for easy draining
- Lid and screen hold down
- Ships UPS ground

DIPTANKS

QUICK SCREEN CLEANING AND RECLAIMING

MINI DIPTANK

Blackline's Mini Diptank is perfect for printers using smaller screens. The Mini is built of the same 3/8-inch polypropylene as our large dip tank, and includes a removable lid and screen hold down.

Additionally, the Mini comes with an integrated pedestal that helps the tank hold its shape when full, and elevates it high enough to allow the spigot to drain into a standard five gallon container. The Mini fits 4 to 5 screens.



Size:

Height (without stand): 27"
Height (with stand): 40"
Width: 24"
Depth: 8"

FEATURES:

- 3/8-inch welded polypropylene construction
- 4 to 5 screen capacity
- Spigot for easy draining
- Lid and screen hold down
- Pedestal
- Ships UPS ground

ACCESSORIES

AND REPLACEMENT PARTS



SQUEEGEE RACK

Use this handy, wall or sink-mounted rack to store used or clean squeegees. The Squeegee Rack holds up to eight squeegees and is made of polypropylene for easy cleaning.



FOOT SWITCH

If you've installed your own backlighting and are tired of having to reach around the sink to turn the lights on and off, try Blackline's AirLectric foot switch. It easily activates most 110V external plug lights. Just plug the light cord into the footswitch's adapter, step on the air switch -- and that's it! It's inexpensive, easy to use and leaves your hands free for cleaning.



FILTERS

If you own a Blackline filtration or recirc system, these are the filters you'll want to use. They are made of polypropylene and last longer than ordinary filters, keeping your system running smoothly and efficiently.

SQUEEGEE RACK FEATURES:

- Sturdy polypropylene construction
- Easy to clean
- Holds a variety of different size squeegees
- Ships regular UPS ground

CUSTOM UNITS

CUSTOMIZE TO FIT YOUR NEEDS

CUSTOM PRODUCTS

When a standard product simply won't do the trick, make sure and ask about Blackline's ability to customize one of its existing units to fit the needs of your business.

We've built everything from 12-foot washout booths for flag printers to oversize filtration systems and large-capacity diptanks. Our engineering department uses Solidworks 3D modeling software in the design process, and every product is cut on Blackline's state-of-the-art CNC router. From there, our highly-skilled fabricators ensure your custom product is built exactly to your specifications.

From sales to engineering, fabrication to shipping, our staff will help you take your custom design from concept to creation.



CUSTOM POSSIBILITIES:

- Oversized and multi-compartment washout booths
- High-volume filtration systems
- Large-capacity diptanks
- Additional backlighting

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