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30% Faster Printing
Double Blade Squeegees are possibly the single best investment you can make as an owner of automatic screen printing machines. Double Blades can significantly increase the opacity and resolution of your images while speeding up the printing process. Here’s how:

A Little Background
Plastisol is a highly viscous, thick ink, making it difficult to push through a fine mesh where the threads are close together. That is why screen printers often use coarse meshes when printing an underbase. The downside of using coarse meshes, however, is that the resolution of your final print depends on the resolution of your underbase. In order to push thick ink through a fine mesh, many screen printers opt to stroke their images twice. But that takes time, and time is money. The Double Blade Squeegee solves this problem.

Double Blade Solution
After the flood bar loads ink into the mesh, the Double Blade Squeegee’s first blade pushes ink through the mesh and onto the substrate. As some ink is still left on the screen, the second blade following within a fraction of an inch behind it is able to push the remaining ink through. This gives you a higher resolution and a stronger, more opaque print in a much shorter time than if you were to stroke an image twice with a standard squeegee.

In fact, our field tests have shown that the Double Blade Squeegee increases output by 30%! An extremely conservative estimate: if you print an hour or two per day, it pays for itself within a week.

Tips For Success
• Load your Double Blade at a 15° angle so that both blades touch the screen at the same time.

• Carefully adjust the pressure so that the front blade almost touches the back blade while the back blade curls back slightly.

• Slow down the speed of the Double Blade. While one stroke of a Double Blade should be slower than one stroke of a single blade, you only need one stroke instead of two - that’s why it’s 30% faster!
Spend Less Time Cleaning
Our two piece EZ Clean Squeegee makes changing the rubber extremely easy. Simply loosen the screws and the rubber falls out, saving you much time and hassle.

They’re called EZ Clean because there are no nuts and bolt heads sticking out. Action goes the extra mile to countersink one side and tap the other. This means that when you clean it, it’s easy to wash since it doesn’t snag your wash rag.

Each EZ Clean Squeegee comes with 70 durometer rubber installed. We slightly over-cut the rubber and install it with a keen eye for straightness. Then, we carefully shave it to ensure a perfect smooth edge. After a bit more edge sanding and cleanup, your squeegee is finished!

- Up to 48” squeegees available.
- Squeegee holder is precise and rubber is easy to change.
- NO nut & bolt protrusions that snag your rag during wiping.

Quick and Easy Cleaning
For use on single and double blade squeegees to allow you to quickly remove the vast majority of ink from the squeegee blade.

This tool is ergonomically designed to fit in the palm of your hand and is also a great way to recycle and save ink. Simply swipe the squeegee cleaner across the squeegee rubber, wiping the ink into a ink container.

Video Demonstrations are available on our social media channels and website.
Printing the Old Way is Unnatural
The normal way of printing stresses your body in a way that isn’t natural. Constantly pinching a squeegee creates tension that radiates up through your wrists and into your shoulders.

Your body simply isn’t designed to pinch and push (or pull) all day. Years of printing this way can lead to permanent peripheral nerve damage.

The BADASS Manual Solution
The BADASS Manual Squeegee (BAMS) is ergonomically engineered to increase the comfort and ease with which you print.

The BAMS’ comfortable, cushioned, wash-friendly, bicycle-style grips position your wrists at a natural 90° angle as well as eliminate the need to pinch.

Additionally, the carefully engineered design transfers the stress of printing from your wrists and shoulders to your core - a factor that makes it safer for your body.

The BAMS has a rock-solid, all-aluminum design, ensuring that your squeegee won’t flex. This is crucial to consistently achieving great prints.

Dividing Your Screens the Old Way
Previously, when burning two images onto a screen, garment decorators had to mask off the entire area around the images so that ink didn’t spill from one image into the other, ruining their creations.

It was a time-consuming, laborious task. They’d do it to save space - fewer screens to stack and purchase - but the time it took to apply and (especially) remove tape residue made it not worth the trouble for many printers.

But that was before the BADASS Screen Divider.

Enter The BASD
The BADASS Screen Divider allows you to quickly and easily divide your screens without all of the hassle. It also serves as a squeegee resting place.

This means that you no longer have to bend so far over to put down your squeegee. This ergonomic aspect of the BASD alone is bound to substantially increase the ease with which you print. No more painstakingly removing tape residue from your screens. No more squeegees dropped into the ink.
Squeegee Starter Kit Now Including Teflon™ Film
After using a flash cure, the Roller Squeegee will provide a very smooth and uniform hand feel to the final product. Consider how Teflon™ film is used in association with a heat press. Price includes a piece of Teflon™ Film. Manual Starter Kits are also available.

looking to achieve the smoothest possible prints? you need an ultimate smoothing kit

What is fibrillation?
Put simply, fibrillation is when shirt fibers stick up from the garment you just printed, downgrading your image resolution and giving you a rough hand feel.

It happens after the squeegee passes over the screen and the screen lifts off of the garment, pulling up garment fibers with it.

How can I eliminate fibrillation?
It’s very simple, actually. Just use an Ultimate Smoothing Kit! Double Blade Squeegees push ink through finer mesh counts while Roller Squeegees flatten down the fibers. When used together, they greatly increase the opacity of your final print and the smooth hand feel.

You may also purchase Roller and Double Blade Squeegees separately. Double Blade Squeegees are great for laying down a quick underbase - 30% faster in fact since the squeegee only has to pass over the screen once instead of twice!

Manufactured by Action Engineering

Ultimate Smoothing Kit Includes Roller Squeegee, Double Blade Squeegee, Teflon Smoothing Frame, and Squeegee Cleaner
Highest Quality Aluminum Pallets
All Standard Pallets that we manufacture are made to fit the exact dimensions of your machine and off-contact requirements. Our pallets are extremely flat, ensuring that you can consistently create perfect prints. Additionally, we carefully inspect and grade their materials to ensure that they meet industry standards.

Our honeycomb pallets are the absolute best honeycomb pallets you can purchase. Unlike other manufacturers who simply wrap a band around the exterior of their pallets, we painstakingly insert an aluminum bar into the exterior of the pallet (and then precisely sands it down), which greatly increases its durability and strength.

- Made of 1/4” solid aluminum & 1/8” Soft Top Rubber, which is an industry standard on major automatics.
- Upgrade your manual pallets to solid aluminum with Soft Top Rubber.
- We create a tick mark on all aluminum & rubber pallets that serves as a guiding center line, so that you can load your garments precisely!
- All MHM and ROQ Standard Pallets are made out of ultra light-weight honeycomb aluminum.
- We can procure standard size pallets for manual and automatic machines very quickly.
- We can also provide you with custom sizes and shapes for aluminum & rubber pallets.
Save Space and Money
Your shop doesn’t have an infinite amount of space to store pallets. Neither do you have an infinite supply of money. That’s why the Double 3-Way Pallet is a great deal for budget-conscious, space-constrained screen printers like you. Single 3-Way Pallets are also available.

4 Options, 3 Ways
Tagless, koozies, pockets, and short sleeves, the Double 3-Way does it all.

Choose three of the four options and we’ll make you a pallet tailored just for your needs.

- Tagless - Short Sleeve - Pocket: 4” x 5” (shown)
- Tagless - Short Sleeve - Koozie: 3.5” x 5”
- Tagless - Koozie - Pocket: 3.75” x 5”
- Koozie - Short Sleeve - Pocket

Tagless size: 4” x 6”
Short sleeve: 4” x 5”
Koozie: 3.5” x 5”
Pocket: 3.75” x 5”

MANUAL BRACKET ADAPTERS V1

M&R® Pallet Arms Converter
Convert your manual machine’s pallet arms to the M&R® style!

MANUAL BRACKET ADAPTERS V2

Stays on the Press, Sleeker, Stronger
Easily convert your manual machine’s pallet arm and pallets to the M&R® Style Standard Pallet System. Just slide the perfectly sized assembly onto your machine’s arm to the desired position. Lock onto your arm using the bottom fasteners (no drilling required). Low profile bottom locking knobs are available to enable tool free changeover if preferred. The MBA 2 is for use with any and all of their standard or specialty application pallets.
Full All Over Printing Capability
All Over Printing is more productive and less costly than ever before. Using All Over Pallets, you can accomplish a registered multi-color print on the entire surface of a shirt. From the far edge of the right sleeve to the far edge of the left sleeve and down to the hem of the body, you have complete access and control over where to print.

- Full All Over Printing capability with process quality decoration. The best AOP available for registration and accessibility.
- Five sizes offered for shirts of youth through 3XL.
- Decorate the entire face of the shirt and both sleeves with anything you can imagine to print in perfect registration.
- Made of solid aluminum only.

How to Load
Load the shirt with the wings pivoted forward. Then reach into the sleeves of the shirt and feel for the pallet wings. As the wings are pivoted down to the body, smooth the sleeves onto the wings.

Print up to the Collar
The new Collar Easement pallet design allows you to print all the way up to the collar and shoulder seams. Use this pallet shape to accomplish the most unique prints and have the greatest control over print placement.

Additionally, the unique shape ensures exact shirt alignment. Because of this, you are able to load large shirts onto a small pallet and still control the alignment. Eliminate the guesswork, and get your shirts loaded quickly and correctly every time.

Buy your Collar Easement pallet now and be the first in your market to offer print placement options that were never available before.
Print Quickly and Easily
Two Ply Hold Downs are a fantastic addition to your pallet stash. With the Two Ply Hold Down, you can quickly and easily achieve beautiful prints on multi-layer garments like nylon jackets, reversible mesh jerseys, and shorts.

The custom-designed spring clamp locks the pallet down in one easy motion, keeping your jacket pulled tight and providing the correct amount of tension. This ensures that you get the best ink penetration on your garment so that your colors look good and stay looking good for longer.

Two Ply Hold Downs are available for all machine styles. If you want your business to boom during the autumn season, then you need to seriously consider purchasing one!

Clean Printing Over Zippers
The Zipper Hoodie Easement Pallet (ZHP) was developed to improve the quality of printing over zipper and hem assemblies. The new design improvements include a load side geometry that perfectly matches the hood and shoulder seam. This improved geometry allows you to very accurately load your zippered hoodie garment and enables you to print all the way up to the shoulder seam and the hoodie/neck seam.

The solid aluminum and rubber pallet has a slot machined down its center to allow the zipper to drop down to the perfect position for printing.

Why Do You Need a ZHP?
The challenge with printing zipper hoodies is that the zipper rises off of the pallet. It messes up your print, and, over time, destroys your screens. In order to print cleanly, you need your zippers to drop into a slot so that they rest at the same height as your print surface. We have carefully measured many samples of the hoodies and optimized their slot geometry, creating a two-tiered slot for your zipper to drop into.

If you’re trying to accomplish an absolutely flawless over-the-zipper print, then this design is a must.
**TAPERED SINGLE SLEEVE PALLET**

**Increased Image Range On A Single Sleeve**

Tapered Sleeve Pallets provide increased image capacity inside a sleeve. Overall Pallet dimensions are 6” x 22”, and the front load side edge of the pallet is 4”.

- For printing long sleeve shirts and maximizing the available image area of the shirt sleeve. This shape matches the sleeve geometry.
- The most common pallet size is 6” tapered to 4” x 22” long.
- Made to order.
- Made of solid aluminum & Soft Top Rubber.

**HINGED DOUBLE SLEEVE PALLETs**

**PRINT ON TWO SLEEVES SIMULTANEOUSLY**

**No More Stretched Small Size Sleeves**

Hinged Double Sleeve Pallets enable you to print youth and women’s sized shirts without stretching the sleeves around the pallet bracket. You can even print socks on this pallet!

- New garment hooks keep shirt material from dragging across the floor.
- A locking mechanism keeps the arms raised at an angle during loading and unloading. This ensures that production is very fast and efficient.
- Suitable for shirt sizes from youth medium through adult extra large.
- By loading through the sleeve cuff, you can print on both the left and right sleeves of the same shirt simultaneously.
- Available for all automatic and manual machines.
WINGED FLOODBARS

Work Less, Use Less Ink

Regular flood bars leave a trail of ink on the left and right side of the screen. This requires you to routinely scrape the ink back into the inkwell by hand.

Our new Winged Floodbars now have an improved design that keeps the ink away from the sides, removing the need for all of the time and attention required to scrape ink from the side of the frame back into the inkwell.

Our new Winged Floodbar design places the screws at the top underside of the floodbar, so that you’re much less likely to get ink on them. This means they clean up easier. In the long run, this new design is the nut-less wonder!

Screws are completely shielded from the ink. Mix less custom ink, use less ink, and reduce cleanup time. Many advantages make this a no-brainer for every shop that has an automatic screen printing machine!

- We carry sizes from four to twenty inches for all automatic screen printing machines.
- We have entirely eliminated the nuts and front screws from the face of their new Winged Floodbars.
- We have streamlined their design to make your production time even faster than before!
A No-Brainer
Soft top rubber is the world’s most widely used printing surface for automatic screen printing machines. Ask any top printer and you’ll find out that it’s what they use.

The Old Way
Previously, you had to use contact adhesive to stick soft top rubber to your pallets. Contact adhesive is a very caustic, environmentally-unfriendly material - not a good choice if you care about your employees and the rest of your environment. The new method of Peel & Stick is a game changer!

The Triple Bottom Line Option
Now available: rubber with pre-applied peel and stick tape! Simply peel the backing liner from the tape and you are ready to laminate the rubber to the pallets. 17” x 24” Pre Cut Rubber is for 16” x 22” pallets.

By eliminating all contact adhesives, it cuts down your time applying rubber by 80%. There are no fumes, no cleanup, no hazardous materials, and it’s easy and fast! It increases your margins, it’s good for your employees, and it’s good for the environment.

WE ALSO SELL:

SOFT TOP RUBBERS

Our blemish-free Soft Top Pallet Rubber is specially manufactured to resist the most heat possible.

Its time tested durability combined with its very obvious advantages make it a must for every pallet. Alternatively, for a more environmentally-friendly and hassle-free option, purchase Pre-Cut Soft Top Rubber.

SUPER SOFT TOP RUBBERS

Similar to mouse pad material. This 1/4” black neoprene rubber is laminated on both sides with nylon mesh, which greatly increases its durability. It provides an excellent transition over the seams when you print over button/hem assemblies such as baseball jerseys.

Sold by the linear foot - 24” wide material 9 foot length maximum. *Super Soft Top Rubber should not be glued with standard pallet rubber adhesive*
Wasted Hours = Significant Cost
How many hours per week do your machines stop printing just so that your team can rip the paper off of pallets and then replace it? And how many hours per month are wasted by team members awkwardly balancing that bulky roll as they try to lay new paper on? If you’re interested in significantly increasing the efficiency of your machine while minimizing frustration, then the innovative Pallet Paper Changing System (PPCS) is definitely a product you’ll want to look into purchasing.

If you have a company that does many changeovers, the Pallet Paper Changing System is one of the few investments that will allow you to see an immediate production increase.

The On Press Option
The On Press PPCS allows one person to very quickly mount a roll of pallet paper onto the arm of your machine, right behind the pallet.

The normal way of applying pallet paper is awkward, cumbersome, and not very hand-friendly. Sometimes, it even takes two people to apply the pallet paper because of the awkward nature of the process.

#1 THE ON PRESS PPCS

With this new system, you can very quickly apply pallet paper all by yourself. You simply mount the On Press PPCS on the arm of the machine behind the pallet, pull the paper forward slightly using both hands, and cut.

It only takes seconds to mount the roll in place, meaning that you can quickly and ergonomically apply paper to the pallet.

#2 THE OFF PRESS PPCS

Keep Your Machines Running
With our Off Press PPCS, you no longer need to cease printing just so that your team members can painstakingly peel pieces of paper from the pallets and put new paper on. This translates into substantially increased production rates per day.

The Off Press PPCS easily clamps onto any table. You can have one person covering your pallets with paper while your machines are running, so that when you need to change out your pallets, you can do so very quickly since they’re all ready to go!

Our Off Press PPCS are very ergonomic, as it comes with hand-friendly knobs that allow for fast and easy roll changes.

On top of improved efficiency, there’s no longer a need to buy different sizes of pallet paper as the Off Press PPCS uses a 24” wide roll of paper sideways, accommodating all pallets that are 22” wide. This means that you only have to stock one size roll of pallet paper, cutting down on all of the costs associated with acquiring and storing different size roles of paper.
Exceptional Strength and Stability
Our dryer belts are built to last as long as possible. The fluorocarbon resins used in the curing process of our belts are chemically inert, and the woven glass substrate provides exceptional strength and dimensional stability. The non-stick surface of these dryer belts, operating temperature range of -100°F to 550°F, and the 70% open area make this belting type the perfect solution for conveyor ovens used for textile printing.

- 1/4" Open mesh PTFE (Teflon™) impregnated fiber-glass belting.
- Standard with Teflon™ coated & sealed edges.
- Standard with precision high strength alligator lacing.
- Optional - Cover Flap for the seam. Comes in Black or Tan.

Our Squeegee Rubber triple durometer is sold by the inch or in 16" pre-cut lengths.

Teflon™ frame for Roller Squeegees. Frames are 1.5" aluminum. 110 Saati Mesh. Fully coated with block out and laminated with our 0.020" thick virgin Teflon™.
How You Used To Do It

Previously, in order to load pallets on manual and auto machines, you had to vertically and horizontally line up the pallets with the machine arm. Maneuvering large, heavy pallets into place was especially difficult as you often had to bend over to ensure that the pallets slid in correctly.

It is safe to say that absolutely no one looked forward to the task. But now, loading pallets just became a lot easier with the Quick Load Option.

Just Drop and Push Forward

Our new Quick Load Option pallets are precisely engineered to easily drop down onto your pallet arm. No more awkward maneuvering. No more bending over to examine the underside of the pallet to ensure that you have aligned it correctly. The notch on the back of the pallet bracket makes them self-aligning - simply drop, and push.

Available for M&R®, Workhorse, and Anatol Slide-Style pallets!

Dropping Sequence