



Universal Squeegee System



Ovation Products patent pending universal squeegee holder and blade system enables;

- Blade replacement in seconds.
 - Simple ultra fast cleaning times.
 - Tool free fast adjustment of paste deflectors
 - Lowest cost of ownership.
 - Significant reduction in inventory for holders and squeegee blades.
 - Use of one generic holder for all blade size/types.
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How it works

- Patent pending Magnetic squeegee holders with unique blade profile. Enables tool free blade changes. Blades are simply placed into position
- Fast tool free adjustment of paste deflectors

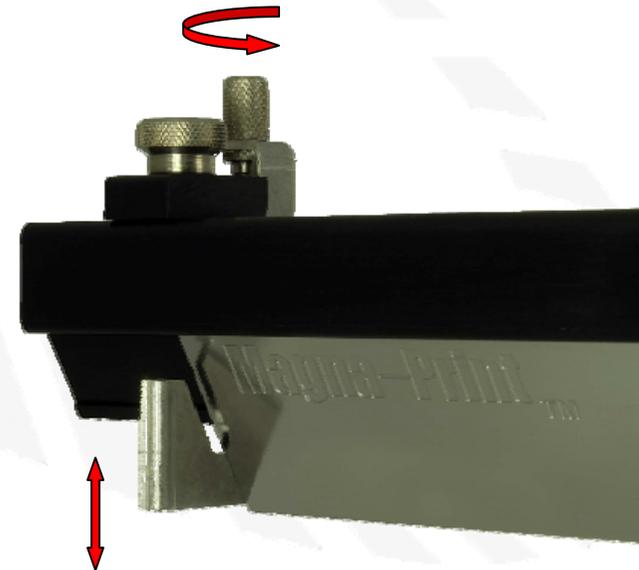
Please see the Video attached in the accompanying email



Paste Deflectors

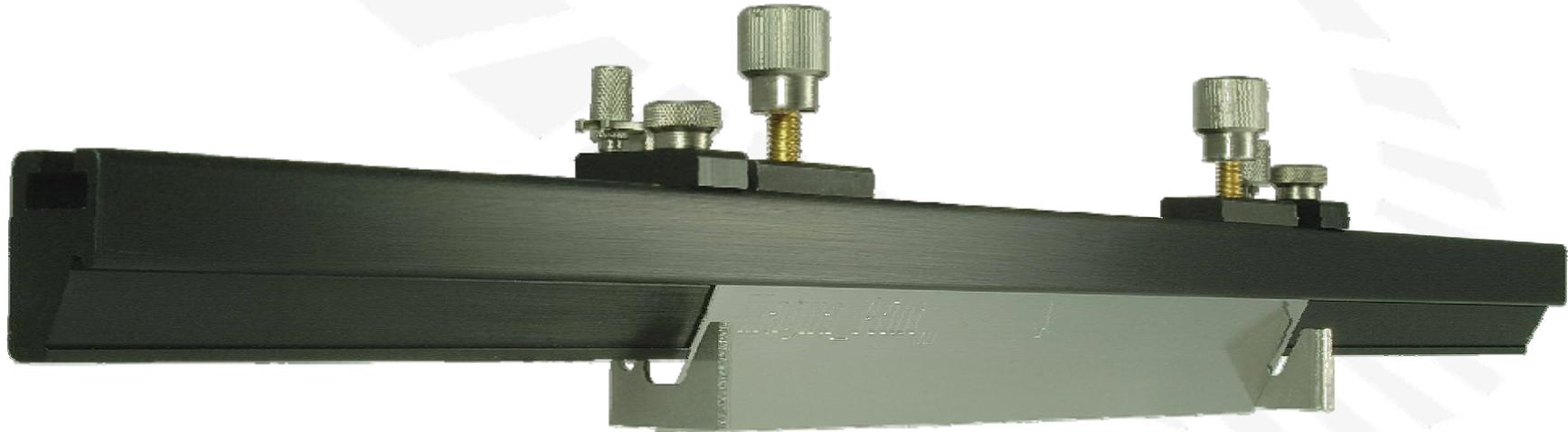
Magna-Print incorporates a unique and effective paste deflector design.

- Instant, tool free height and width adjustment.
- Easily adjust the system for a variety of processes without the hassle.



Benefits

- Faster change over times when compared to conventional clamped squeegees.
- Reduce inventory - 1 set of holders for all blade sizes.
- Fast tool free adjustment of paste deflectors.
- Fast breakdown and rebuild for cleaning, change over and storage
- Improved product lifetime due to improved handling of system.



Process Benefits

- In modern ultra-fine pitch printing, only a controlled print process will produce quality and throughput. One of the most overlooked factors is the matching of the correct squeegee length with PCB/substrate size.
 - Ideally, squeegee length should extend 1.0" on both ends of PCB/substrate.
 - A squeegee that is too short will not be enough to cover print area
 - On the other hand, a squeegee that is too long will affect the print quality adversely
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Process Benefits

Printability

- Excess paste will dry up, affecting paste roll and as a result printability decreases
 - Resulting in voids, insufficient solder defects
 - With Magna-Print's one touch adjustments, you can always have the correct squeegee configuration for your printing needs
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Benefits

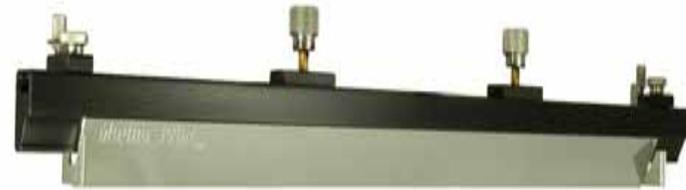
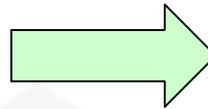
Reduce Paste Waste

- The design of Magna-Print allows for best possible squeegee configuration to match your product.
 - Significantly reduces paste waste
 - Savings material costs and the environment
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From this



To this



One set of holders for all squeegee blade sizes!

Holder & Blade Options

- *Currently available for DEK, EKRA and MPM (non 'pro' head) screen printers. The standard holder length is 482.6mm, in the following systems.*
- *Options for other screen printer makes to follow.*

Available holders (complete kit)

450022	DEK 60degree system with paste deflectors
450023	EKRA 60degree system with paste deflectors
450024	MPM 60degree system with paste deflectors

Available blades

P/N	EKRA
450001	Set of 2, 250mm blades
450002	Set of 2, 300mm blades
450003	Set of 2, 350mm blades
450004	Set of 2, 400mm blades
450005	Set of 2, 450mm blades

P/N	DEK
450006	Set of 2, 200mm blades
450007	Set of 2, 250mm blades
450008	Set of 2, 300mm blades
450009	Set of 2, 350mm blades
450010	Set of 2, 400mm blades
450011	Set of 2, 450mm blades

P/N	MPM
450012	Set of 2, 8" blades
450013	Set of 2, 10" blades
450014	Set of 2, 12" blades
450015	Set of 2, 14" blades
450016	Set of 2, 16" blades
450017	Set of 2, 18" blades

Lead Free Options

Magna-Print is available as a lead free system (pictured below)

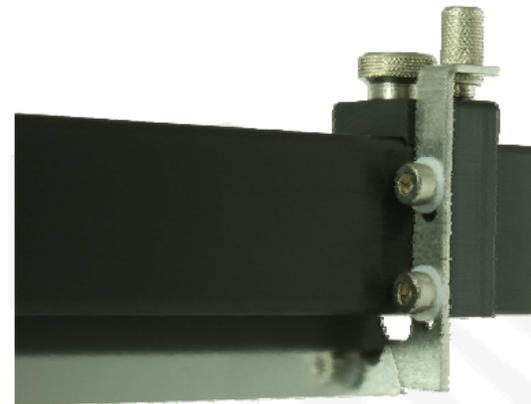
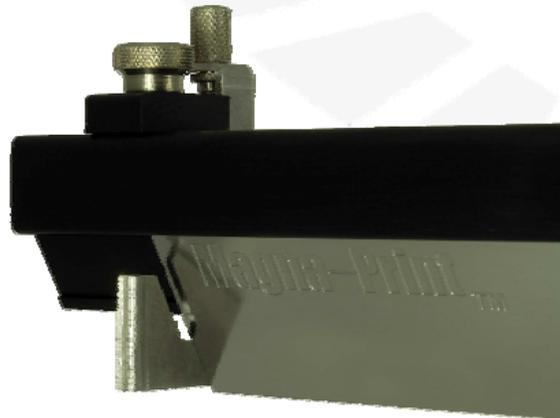
450028	'Lead Free' DEK 60degree system with paste deflectors
450029	'Lead Free' EKRA 60degree system with paste deflectors
450030	'Lead Free' MPM 60degree system with paste deflectors



Spares

Replacement Paste deflectors

450019	Left / Right DEK 60degree Paste deflectors
450020	Left / Right EKRA 60 degree Paste deflectors
450021	Left / Right MPM 60degree Paste deflectors



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