



# Ink Trap

Ink Containment System

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## *Ink Trap*<sup>TM</sup>

M&R's unique yet simple Ink Trap Ink Containment System helps keep ink contained within range of the squeegee, eliminating the need to card ink. During the printing process, ink works its way outside the reach of the squeegee and floodbar. This results in operators having to continually scrape (card) the ink back into the squeegee path. M&R designed the Ink Trap to minimize the amount of ink that gets by the squeegee and floodbar and save operators the endless task of carding ink back into the path of the squeegee.

The patented Ink Trap System consists of two Z-shaped devices, one for each end of the squeegee. A horizontal flange on each trap is clamped between the squeegee holder and mounting bar. Once locked in place, a flared fin at each end of the squeegee juts ahead of the squeegee and angles to the outside. On the print stroke, these open arms catch the ink that lies just outside the squeegee's reach and guide it toward the center of the squeegee. The midsection of each trap lies parallel with the ends of the squeegee and confines the ink to squeegee width. The tail of each trap angles inward, forcing any remaining ink onto a narrowed path behind the squeegee. Each pass of the squeegee repeats the process, keeping the ink where it belongs. More effective ink containment also leads to faster, easier cleanup, another Ink Trap advantage.

M&R's Ink Trap is made of high quality laser-cut polished stainless steel, with smooth sides and rounded edges. Each device features self-adjusting pressure and angle control and is made up of three parts that can be quickly disassembled without tools for easy cleaning. Like all M&R equipment, Ink Traps are built with M&R's unsurpassed commitment to quality, durability, and design excellence, and are backed by the best service and support in the industry. U.S. Patent No. 6,142,070.

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