



Invested Partner.

“BEFORE WE INVESTED IN AMADA’S AUTOMATED SOLUTION, THEY INVESTED IN US.”

“Amada listened. Their highly trained staff took a ‘however long it takes’ approach to address our challenges, without any kind of financial commitment, as they analyzed our entire print-to-product process.”

— Mike McAlpin
Executive Vice President
McAlpin Industries



Ken McAlpin (left)
President/CEO
Mike McAlpin
Executive Vice President



McAlpin Industries of Rochester, NY is a vertically integrated precision sheet metal fabrication company with nearly 50 years of experience.

This third generation family business has become an industry leader by delivering what they define as “Total MetalWorking Solutions” — providing sheet metal fabrication, precision stamping, contract assembly & fulfillment and design services.

Striving to achieve 24/7 green-light-on time while reducing costs and increasing capacity, McAlpin turned to Amada. After a comprehensive analysis of McAlpin’s entire manufacturing process, Amada provided the optimal solution — the LC-2012CI NT punch/laser combination machine equipped with an automated sheet loader and integrated part remover/stacker. A networked HDSI 303 NT precision press brake and Amada’s industry-leading software completed the custom-engineered solution. Ken McAlpin, President/CEO, reflects on the purchase, “We wanted to leverage automation and achieve greater machine and material utilization. Amada provided us with a quick, seamless transition into lights-out production.”

Partnering with Amada has added a rapid-response dimension to McAlpin Industries enabling them to attract new customers and win new business by producing parts:

- **Faster** (Punch/Cut changeover time on Amada’s CI combination is 50% faster than the industry average. Amada Fixed Height tooling has reduced press brake setup time by 60%. SheetWorks software unfolds twenty-one 3D models in 20 minutes compared to 210 minutes previously.)
- **Better** (With the CI and the new HDS brake, McAlpin has eliminated two of their previous turret punch presses, a laser and three less-efficient press brakes. The CI’s scratch-free processing meets customers’ ever-increasing cosmetic demands while eliminating labor-intensive secondary operations.)
- **Cost-effectively** (Dynamic part nesting, offline programming, lights-out automation and the efficient flexibility of a punch/laser combination machine have dramatically reduced costs and setup times.)
- **In any quantity** (Seamless process integration combined with the precision and reliability of advanced automation enables cost-effective production of parts in quantities ranging from 1-10,000.)



Mounted on the CI’s frame, an automated part removal system places parts on a conveyor with multiple feed and stacking options — reducing labor and handling costs while taking productivity to a higher level.

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