



“Amada’s auto-  
mated solution  
enables us to run  
8,000 parts lights-out  
over the weekend.”

— Ehreth Horinek, President  
Precision Design & Manufacturing, Inc.

# Lights-Out.

“WE’RE RUNNING 24/7 AND PROGRAMMING  
PARTS A WEEK IN ADVANCE.”



[www.amada.ca](http://www.amada.ca)

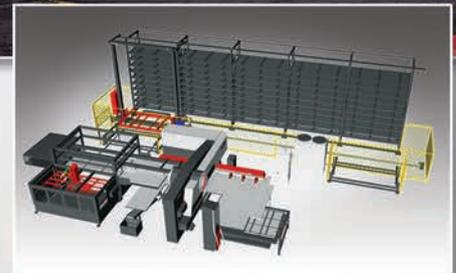


TK — Automated single-part  
removal and stacking

MARS (below) increases up-time and  
machine efficiency tremendously by  
organizing the manufacturing  
process — providing for continuous,  
on-demand production with  
minimal supervision.

Since 1998, Precision Design and Manufacturing Inc. in Westlock, Alberta has been committed to manufacturing the highest quality line of stainless steel products. The company manufactures truck accessories, water distillers & water dispenser equipment and custom products. All parts are manufactured from H304 bright annealed stainless steel with a mirror finish — requiring precise tolerances and scratch-free processing. To meet customers’ demands for high-quality parts while maximizing employee efficiency, Precision Design turned to Amada.

Amada’s integrated solution included the EMLZ 3610 NT punch/laser combination machine equipped with an automated load/unload system and a single-part picking machine. To maximize machine and material utilization, Precision Design also purchased a MARS (Material Automated Retrieval System). Commenting on the purchase, Precision Design’s president, Ehreth Horinek, states “Without automation, we couldn’t expand our business. Amada’s integrated automated solution allows us to run 24/7. And, we’re writing programs a week in advance to keep pace with our new level of productivity.”



## Amada’s punch/laser combination machine linked to advanced automation enables Precision Design & Manufacturing to:

- **Reduce Operating Costs** (Automation provides predictable and reliable performance, which dramatically cuts lead-time while reducing costs. Amada’s EZ Cut System also reduces costs associated with Precision Design’s nitrogen usage by up to \$7,000 per month).
- **Maximize efficiency** (MARS allows Precision Design to continuously track a variety of material types and thicknesses stored in the 35-shelf system).
- **Improve quality** (The EML combines Amada’s revolutionary electric motor punching technology with the reliability of an innovative hybrid laser motion system. The result is one of the fastest, most productive fabricating systems on the market delivering unequalled precision and flexibility).

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