



# Automotive

WELDING SOLUTIONS TO INCREASE THROUGHPUT



## Enhance Throughput with Automated Welding

### **With our many automotive systems, it's your call.**

We know that travel speed, part fit-up and spatter control are key obstacles to enhanced operational efficiency. That's why we develop unique robotic welding systems that address these obstacles, ensuring higher levels of uptime.

Our automated systems are products of a true partnership. When you call, we'll listen. You'll choose from our highly competitive line of robotic welding systems. We'll be ready to guide you, customizing a system designed precisely to your needs.

You'll deal with a single point of contact to develop a system backed by a large network of in-country support. Our partnership will result in a total welding solution with the flexibility to match your applications.



## Cut gun costs

Use the industry's leading air-cooled **robotic MIG gun** — **Tregaskiss TOUGH GUN™ G2 series**. With a large base of installed guns, Tregaskiss TOUGH GUN MIG guns are industry-proven with extensive automotive experience. Add the **TOUGH GUN Reamer robotic nozzle cleaning station** to extend the life of all robotic MIG guns and consumables.



## Drive improvements worldwide

Let the **Access® family of welding equipment** deliver consistent, high quality welds with a semiautomatic, automatic or robotic welding system. With Miller Autoline™ technology, Access solutions can connect to any input power available worldwide with the same reliable results. Choose from analog, digital or Ethernet solutions and other options to monitor weld data, arc data and production data for individual automotive market segments.



## Optimum automated solutions

Our **Panasonic robots** maximize productivity in your automation welding applications. **TAWERS™** arc welding robots combine the manipulator with the welder using embedded arc control (EAC) technology to fuse them together, providing superior welding performance in the most challenging automotive applications.

## Get maximized arc-on efficiency

Choose **PerformArc™ robotic welding systems** to get industry-leading indexing speed with minimized cycle-time impact using our ferris wheel robotic systems that utilize three independent servo drives.



## Remove welding fumes

The **FILTAIR® automation fume hood** provides superior extraction performance in an automation hood with lower airflow requirements and lower installation costs. FILTAIR has a full line of products to serve the automotive industry.

## Maximize weld quality

Rely on the excellent soft-start characteristics of **MAXAL aluminum wire** to minimize burnback, reduce bird-nesting and provide consistent feedability.

**Hobart Brothers solid wires** provide reliable wire feeding and superior wetting characteristics to create smooth weld beads, even on lighter applications such as gauge work, seats and instrument panels.

Choose **Hobart Brothers metal-cored wires**, such as **Matrix**, designed specifically for robotic applications. Its proprietary manufacturing process ensures consistency drum after drum and provides superior feeding and starting.

**Stainless steel wire** provides corrosion, erosion and abrasion resistance for applications encountering elevated temperatures.




## Keep fasteners tight

Let the **Shakeproof™ Thread automotive fasteners** with the SinuLOC™ locking wedge keep your threaded components tight. Rely on the full lineup of cold formed products offered by ITW Shakeproof to optimize your key body and suspension joints including barrel nuts and other welded and threaded products.

**ITW**  
Shakeproof





## Countless capabilities. Trusted advice. Integrated solutions.

Across the globe, automotive manufacturers place their trust in the ITW welding companies. Miller, Hobart Brothers and Tregaskiss all work together to create a comprehensive welding solution that improves your throughput. Whatever your need, look to us. Together, we'll develop a world-class, integrated solution to help you achieve your manufacturing goals.

### **For all your automotive welding solution needs contact:**

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