

# SCALING O&P WHILE HONORING CRAFT

AUTOMATION WITH INTEGRITY—HOW ORTIS™ HELPED TILLGES PROTECT WHAT MATTERS MOST



## The Bottleneck Before the Breakthrough

Tillges Orthotics & Prosthetics and Tillges Technologies were outgrowing its traditional fabrication process. The team was working nights and weekends just to meet demand—manual labor couldn't keep pace, and a skilled workforce was increasingly hard to find. Growth was exciting—but it was stretching their people too thin.

## A Smart Shift to Scalable Automation

They needed automation, but not at the cost of control, quality, or team culture. ORTIS™ delivered. With intuitive ARPP software, 7-axis precision, and overnight autonomy, Tillges saw turnaround times plummet—from 2 hours to 30 minutes for rush work. ORTIS™ carved, cut, and drilled—freeing up the team to focus on higher-value design and patient-facing work.

## A Better Way to Work—and Live

Today, ORTIS™ runs overnight, refines complex custom pieces, and helps the Tillges team deliver more without burning out. Production is up, stress is down, and employees are going home on time.

*"Most of us have young kids and families at home. I'm sure our spouses appreciate it, and our children appreciate it—that we're not here till sunset."*

Thomas Tillges, Operations Officer  
Tillges Orthotics and Prosthetics



# TILLGES TRUSTS ORTIS™

Tillges needed to increase output without decreasing the time their clinicians spent with patients—and ORTIS™ delivered. Like many in the O&P sector, they faced rising demand and shrinking skilled labor. By introducing a solution that runs overnight and scales with demand, they overcame their biggest production bottlenecks which allowed their technicians to focus their skills on design and enabled their clinicians to spend more time with patients.

## FEATURES

### AUTOMATIC TOOL AND MEDIA CHANGE

ORTIS™ seamlessly switches cutting tools mid-process, allowing Tillges to run complex jobs overnight without operator input—crucial to meeting their turnaround goals.

## FEATURES

### VISUAL PROGRAMMING WITH ARPP™

Team Tillges was up and running fast thanks to ARPP™ intuitive interface, which simplified training and gave them full control of the workflow from day one.

## FEATURES

### 7-AXIS FLEXIBILITY

With full robotic reach, ORTIS™ handled the complex geometries of Tillges' orthotic designs, ensuring accuracy without repositioning or rework.

*"It was such a great win for us... it opened up the doors of the company culture to embrace more automation across the shop. Our team saw the potential and how it reduced a lot of their workload and stress levels."*

Thomas Tillges, Operations Officer  
Tillges Orthotics and Prosthetics



Learn More about ORTIS™:

🌐 [roboticom.it](http://roboticom.it)  
📧 [@roboticom\\_it](mailto:@roboticom_it)  
📺 [/roboticom](https://www.facebook.com/roboticom)  
📺 [roboticom](https://www.linkedin.com/company/roboticom)

