

TIGER MOWERS RISES ABOVE **A NEAR-HALT** **IN PRODUCTION**

How robotic welding and creative thinking solved a supply chain issue.



THE SITUATION

Since 1968, Tiger Mowers has been a leader of industrial mowing equipment throughout North America. They manufacture a variety of durable rotary and flail boom mowers, side mowers and rear mowing equipment, along with truck-mounted boom mowers and a full line of specialty mowing equipment and attachments.

THE CHALLENGE

Tiger Mowers was facing a dilemma. Due to supply chain issues brought on by the covid pandemic, they were told that the high-strength hundred-thousand yield rectangular tubes needed

to make the booms for their products would not be available for at least a year.

Only 2 steel mills in the world were making this tubing. One

was in the USA, and another in Finland. And neither had a timeline on when they could work this tubing back into their production schedule.



THE SOLUTION

Practically out of options, Tiger Mowers turned to DeGeest for help. With a long-time relationship of over 45 years as a customer, DeGeest has been a reliable supplier and partner to come through for Tiger.

We were able to design and fabricate the tubing they needed using a hundred-thousand yield plate by laser-cutting and forming the parts into 2 halves, tacking them together and robotically

seam-welding them using an advanced vision system on the robot from Ries Robotics to create the desired rectangular shaped tube to Tiger's desired profile.



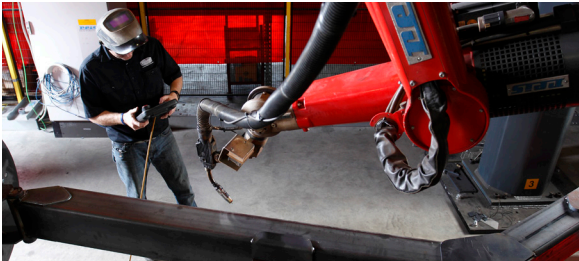
DEGEEST HAS BEEN A RELIABLE SUPPLIER AND PARTNER **TO TIGER MOWERS FOR OVER 45 YEARS**

THE OUTCOME

Due to quick, out-of-the-box thinking, Tiger Mowers was able to continue production instead

of being halted indefinitely. As word of this solution spread, DeGeest was contacted by other

companies who were faced with a similar situation.



We help our customers in one of two ways: We use automation and manufacturing expertise to produce parts for them, or we create automation solutions to help them do it themselves. What can we do for you?

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