

GETTING CREATIVE TO MEET INCREASED DEMAND

How Teske Manufacturing used automation to increase trailer production with limited space and personnel



THE SITUATION

Teske Manufacturing produces top-quality hobby-style trailers that deliver durability and reliability for a variety of uses.

THE CHALLENGE

In 2019, sales at Teske were exploding, and the company needed to ramp up production quickly to meet demand. With

a limited footprint available in their facility, they were manually coating everything with two people on a pull-through trolley

line before physically moving the trailers to an oven for curing

THE SOLUTION

The situation made it very difficult to meet production demands, so they turned to DeGeest for answers. After an analysis, DeGeest designed a gantry-style robotic powder coat system that

utilized their existing monorail conveyor, washer, and ovens. The new booth and self-learning robots could coat trailers up to 25 feet in length. DeGeest designed a custom crowder mechanism

could grab automatically grabs ahold of their existing trolleys to repeat the positioning of their parts for the consistent part presentation.



TESKE SAW AN APPROXIMATE 35% INCREASE IN PRODUCTION
ALONG WITH DECREASED
POWDER CONSUMPTION AND
QUALITY ISSUES.

THE OUTCOME

Approximately 20 weeks after the initial conversation, the system was completed and Teske was able to empower their primary finisher to do more while

being able to repurpose their other finisher into other areas of the operation to increase efficiency. Once the system was up and running, Teske saw an

approximate 35% increase in production along with decreased powder consumption and quality issues.

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?

DeGeest Corporation
115 N. Sundowner Avenue, Tea, South Dakota 57064

www strongerstandard.com | derek@degeestmfg.com

ph 888/546.2800



A STRONGER
STANDARD



Steel Works
Finishing
Automation