

# Better Products with Deflashing System

Increased productivity thanks to custom system

## The Achievement

A Tier 2 supplier to the automotive industry improved their production line with a STANMECH deflashing system.

## The Challenge

A company providing parts to a firm that serves an auto assembly plant had a short area of flash that had to be taken off their product. The flash had been manually removed by propane torch, but the company wanted to replicate the deflashing system their sister facility had set up in Europe.

They wanted the product to be deflashed as it left the moulding machine, still being held by the robot arm. The deflash control had to be interfaced into their existing line process.

## Why STANMECH

The company knew they needed a Leister product and research led them to STANMECH, the master distributor for Leister in Canada.

## The Details

Shortly before January, STANMECH made a site visit to the company's plant to study their production line. Discussions were conducted and then STANMECH developed a demonstration solution in their Burlington facility. It involved two heaters, a blower and customized nozzles with thermo-couples, specifically the Leister Tool 3000 with a wide-fit Ghibli nozzle, and the Robust Blower. Leister parts are interchangeable and have scalability.

The thermo-couple temperature feedback allowed each tool to operate to the temperatures of the section that was presented to them. STANMECH is known for customizing solutions to customers' precise needs.



*An LE TOOL 3000 with nozzle was used to deflash parts directly after moulding.*



*The ROBUST blower from Leister can be used for a number of applications including supplying air to a heater.*

## The Results

STANMECH's customized deflashing system met the company's needs. They succeeded in manufacturing a better product with fewer parts rejected after painting. In addition to improving and increasing their productivity, they were able to reassign staff who had previously done the deflashing by hand.

## STANMECH Technologies Inc.

STANMECH Technologies Inc. has been providing solutions for processes that involve the precise application of heat and air since 1981. With expertise in plastics forming and joining methods, as well as heat and air sources for industrial applications, STANMECH provides customized solutions for specific applications challenges in most industries across Canada.

Leister products are available in Canada only through STANMECH and its distributor network. STANMECH is also an exclusive distributor for JetAir Technologies, LLC, Nex Flow products in Ontario & Quebec, non-exclusive in the rest of Canada, and Secomak products in Canada. STANMECH is based in Burlington, Ontario and can be reached at 1-888-GET-MECH.