

Smooth Touch Debur and Finish Turbine Blades

APPLICATION

Controlled profiling on leading and trailing edges of turbine blades in robotic cells

Chamfers better than unitized leaving a rounder, more aerodynamic profile

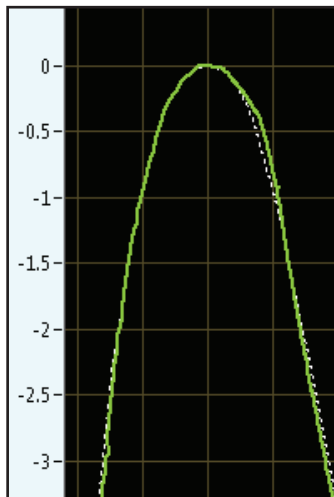
Removes metal with improved consistency in the performance of the abrasive material

SPECIFICATIONS

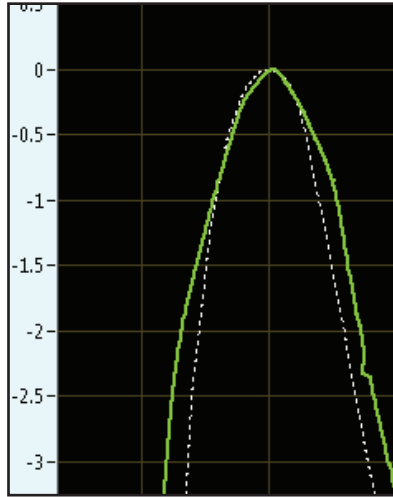
CRS (Green), MED (Red), FN (Yellow)
Diameter: 50, 75, 100, and 150mm
Thickness: 3mm and 6mm

ACCURACY TEST

Smooth Touch SC CRS



Comparable Unitized Product



Images taken using a laser sensor inside a robotic cell. The green line is the actual profile left by the abrasive and the white line is nominal to be achieved.

Information provided by AV&R Vision and Robotics in Montreal, Quebec Canada

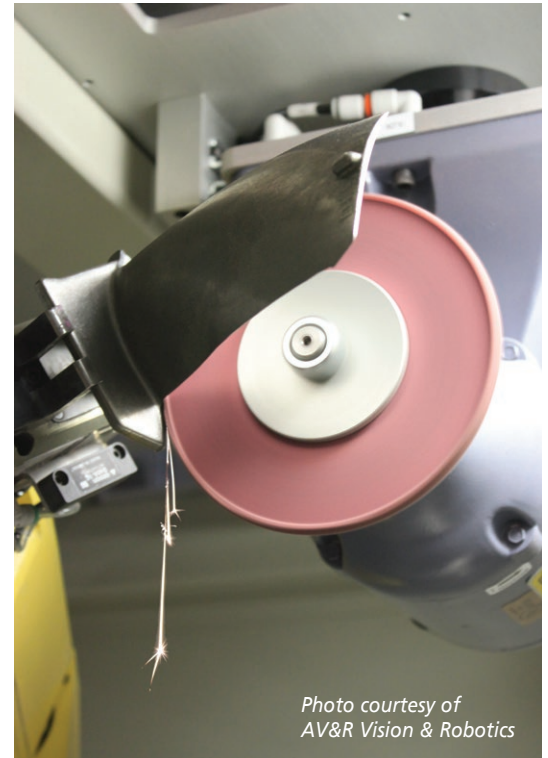


Photo courtesy of AV&R Vision & Robotics

"While choosing an abrasive to use in a robotic deburring cell to finish the edge of a turbine blade, the *Smooth Touch* wheel outperformed non-woven nylon wheels significantly. It was able to obtain the desired finish without changing the part geometry as measured by a laser sensor."

- Normand Stoycheff, Robotic Finishing Expert at AV&R Vision & Robotics



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