

Cirqual® Burner

The unique patented Cirqual® burner is designed to provide a high quality flame surface treatment for complex three-dimensional parts. Its unique shape and flame dynamics enables the generation of a high velocity flame that spreads and wraps around edges and parting lines. The Cirqual® Burner is specifically designed to meet the production requirements and complex part geometries of today's automotive industry.

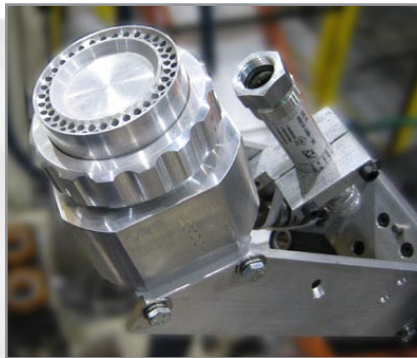
The Cirqual® burner is constructed using a modular aluminum design, allowing for quick and easy maintenance, reducing downtime time and cost. Each burner is mounted on a purpose built and manufactured robot mounting bracket that incorporates the mounting of the flame ignition and feedback/safety controls. Any degree of burner offset can be accommodated, but should be specified.

Specification & Technical Data:

Surface Treating Burner :	Cirqual® 3" Diameter (75mm) Cirqual® 1.5" Diameter (37mm)
Burner Output (Nominal):	80,000 BTU/Hr (<25Kw)

Nominal Energy Outputs & Velocities For Deflash:

Nominal Volumetric Burner Output:	400 l/min
Flame Velocity:	900 - 1100 ft/min
Flame Energy:	70,000 - 80,000 BTU/HR



The Cirqual® Burner With Robot Moutning Bracket

*Cirqual®
burner*

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