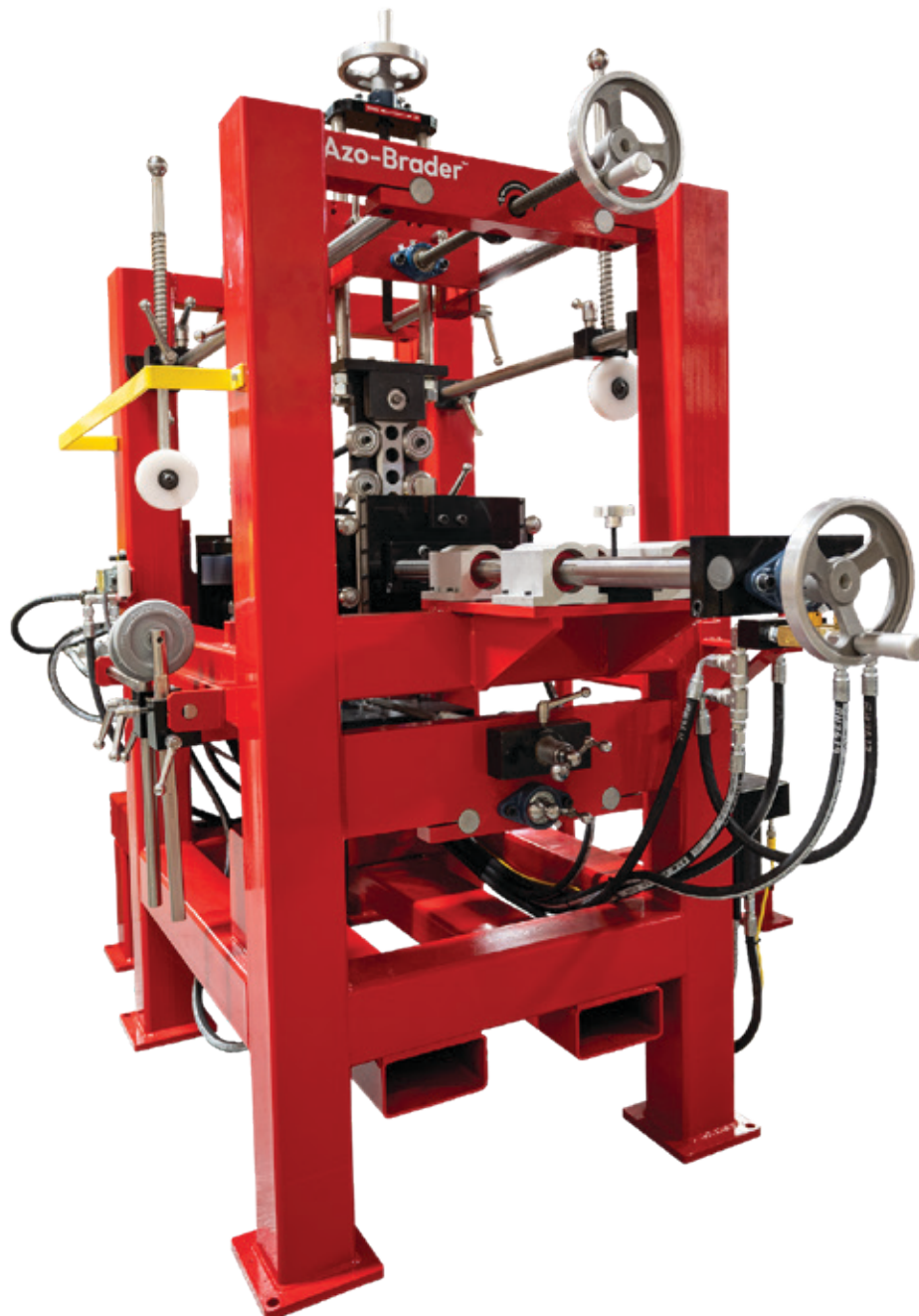


Thermal Barrier Machinery

AZO-BRADER™ MECHANICAL LOCK

PRODUCT INFORMATION

Mechanical Surface Conditioning



CORE FEATURES

The Azon Azo-Brader™ works in line with Azon Pour and Debridge machinery to mechanically resurface the extrusion cavity before it is filled with polyurethane polymer. The Azo-Brader improves the adhesion of the polyurethane to difficult surface finishes by abrading portions of the thermal barrier pocket to produce a mechanical lock.



- **Extrusions are driven by four motors**
- **Two sets of hold-down wheels hold the extrusion in the proper position**
- **Support for complexly shaped extrusions and a wide array of cavity sizes**
- **Drive wheels are adjustable, with a 350 mm x 250 mm capacity**
- **Constructed from heavy gauge steel plate and tubing, welded to form a rigid framework**
- **Carbide insert reciprocates vertically creating hooks that displace aluminum along the lugs in the thermal barrier pocket**
- **Carbide tool can be designed to fit most new or existing profiles**
- **Roller and ball bearings support the high-speed moving members of the machine**
- **Compatible with the Azon Fillameter™ or stand-alone**
- **The AZO/Tec technical services department can assist with design and analysis of dies intended for use in a mechanical lock framing system.**

WARRANTY

Azon offers Approved Azo-Brader™ and Lancer™ Applicators a 10-year warranty program, which protects against failure of the thermal barrier polymer due to dry shrinkage and fracturing. To qualify for the program, Azon customers must use Azon polyurethane polymers in the Azon machinery and adhere to strict quality control procedures and testing. In addition to the warranty, Azon provides program participants with quality assurance practices, design service analysis, certified training of mechanical lock machine operations, and marketing support.

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