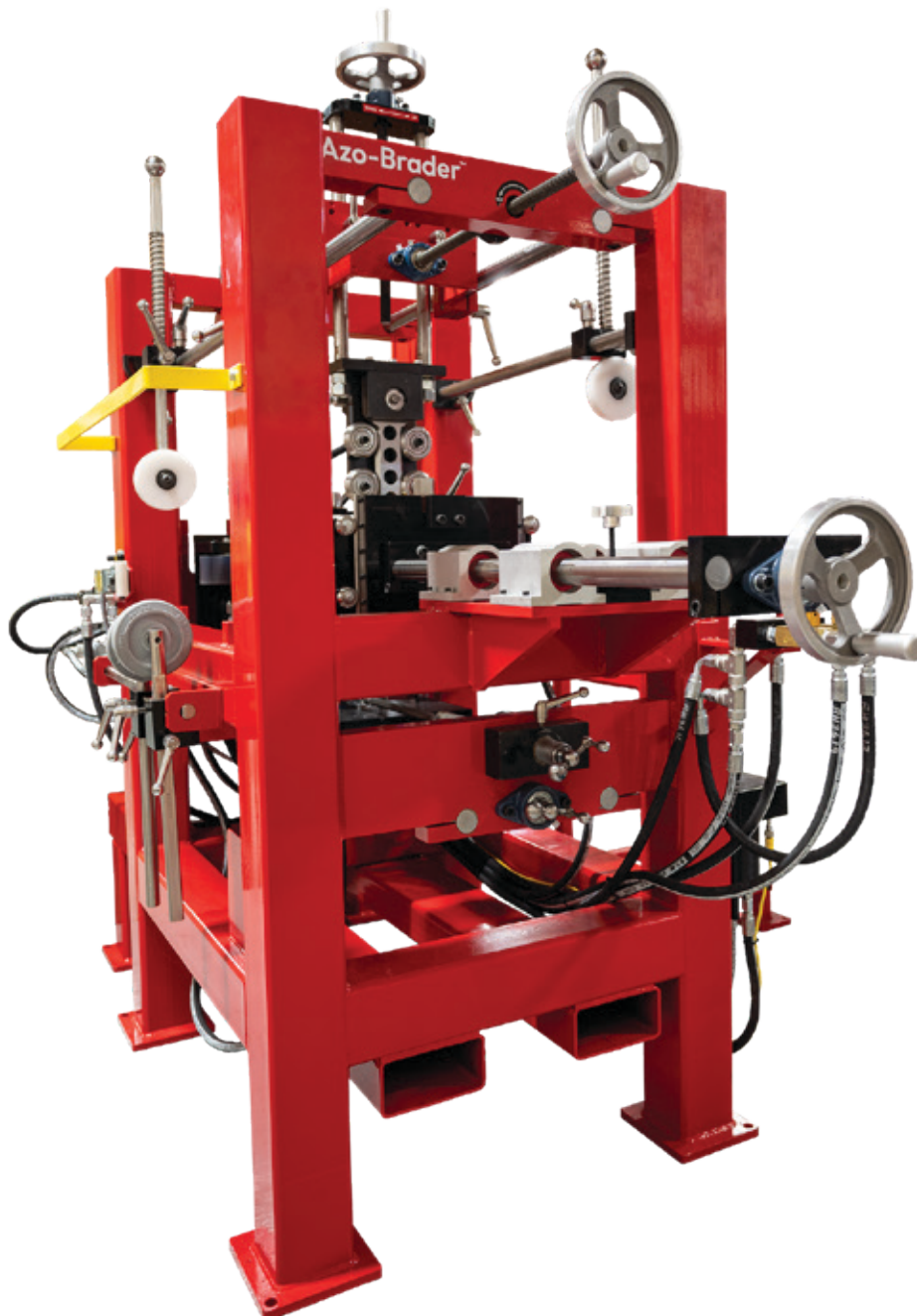


Thermal Barrier Machinery

AZO-BRADER™ MECHANICAL LOCK

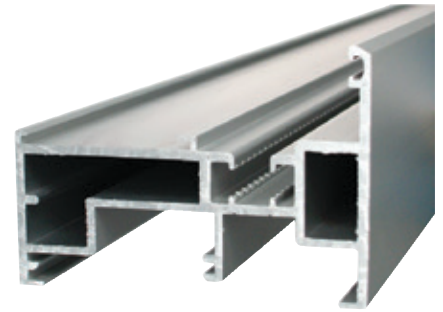
PRODUCT INFORMATION

Mechanical Surface Conditioning



CORE FEATURES

The Azon Azo-Brader™ works inline 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.

Azon USA, Inc.
2204 Ravine Rd.
Kalamazoo, MI 49004
USA
Tel: 269 385 5942
Fax: 800 788 5942
azonintl.com

Azon UK Ltd.
Block C – Unit C14-15
Duffryn Park, 1 Alder Avenue
Dyffryn Business Park
Ystrad Mynach
CF82 7TW
UK
Tel: +44 (0) 1443 814657

Azon Asia Inc.
El-Space
19 Samseong 122 St.
Gangnam, Seoul 06085
Korea
Tel: +82 (0) 2 3449 2200
Fax: +82 (0) 2 3449 2229

Azon Asia Inc.
168 Joongwon Ind. Rd.
Judeok, Chungju, CB
27459
Korea
Tel: +82 (0) 43 840 0500
Fax: +82 (0) 43 840 0501

