



Mini Econ-O-Ring Bricking Machine

**Smallest bricking
machine for kilns with
1295mm - 2489mm
(51" -98) Brick ID**

The Mini Econ-O-Ring (MECOR) is a single arch bricking machine with a single adjustable frame system that allows the MECOR to be adjusted to different diameter combinations within its range. The MECOR is designed for burning chambers for paper mills, tertiary return ducts, satellite cooler tubes, small vessel, kilns and furnaces.

BRICKING MACHINE TECHNICAL SPECIFICATIONS

SAFETY FEATURES

Machine Weight	90 kg (200 lb)
Frame	6061-T6 high strength aluminum - as strong as steel but 40% less weight
Safety Check Valve	Automatic - Ensures that cylinders hold pressure if there is sudden air loss
Safety Standards	CE, MSHA, CSA, AWS D1.2 compliant

EFFICIENCY FEATURES

Arch Structure	Single arch, lightweight, open design for quick cylinder change and adjustment
Arch Components	Adjustable screw jack and panels adjusts for different size kilns
Cylinders	Valve in base with articulating bumper - Push lock nickel plated copper fittings and exposed cylinders for quick maintenance.
Air Filter	Air line oil lubricator & filter unit - Keeps cylinders working and removes dirt and water from system
Casters	Steel wheels allows ease of movement during brick progression
Assembly	Under 30 minutes to assemble
Frame Design	Multiple adjustments points and marked accordingly for a range of kiln sizes
Spare Parts / Tools	Supplied spare parts, and tool box with tools and extra hardware pins

REQUIREMENTS

Air Pressure	Minimum: 6.33 kg/sq cm (6.21 bar) (90 psi) - Maximum: 8.44 kg/sq cm (8.27 bar) (120 psi)
Air Volume	.28 cubic meters per minute / 10 cubic feet per minute



MODULAR AND SIMPLE

Components are constructed with 6061 T6 aircraft quality aluminum. Lightweight and a perfect fit for small vessels



ADJUSTABILITY

Adjustable from 1295mm to 2489mm (51" -98) Brick ID



ASSEMBLY

Frames and arches are marked for easy assembly and adjustments for their varying sizes.

Since 1968,

we've been dedicated to enhancing the safety and efficiency of refractory maintenance crews around the world. We are the only manufacturer to offer a full-system, start-to-finish approach, from bricking machines and safety cages to conveyors and ramps. Our custom-design service ensures no matter what crews are up against, they have the equipment they need to minimize downtime and ensure everyone goes home uninjured each day.

