



# Mini Econ-O-Ring Bricking Machine

**Smallest bricking machine for kilns** with 1194mm - 2489mm (47" -98) Brick ID

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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, OSHA, 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 1194mm to 2489mm (47" -98) Brick ID



### ASSEMBLY

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

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