

Econ-O-Ring Bricking Machine



**Economical bricking machines
for kilns** with 2489mm-3658mm
(98"-144") Brick ID

The Econ-O-Ring (ECOR) is an adjustable, double arched, economically priced, medium duty machine. The unique adjustable frame system and multiple hinged arch sections allows the ECOR to be adjusted to many different diameter combinations within its range.

BRICKING MACHINE TECHNICAL SPECIFICATIONS

SAFETY FEATURES

Machine Weight	300 kg (660 lb)
Load Capacity	771 kg (1,700 lb)
Deck Length	1.8M (6')
Planking Material	2 cm (3/4") plywood - supplied by customer
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	Dual arch moves along rails on the work platform parallel to the kiln
Arch Components	Adjustable screw jack and panels adjusts for different size kilns
Keying Access	Ergonomic cut-out section in front arch - Allows key mason room and keying access to close out a row
Cylinders	Valve in base with articulating bumper - Push lock nickel plated copper fittings and exposed cylinders for quick maintenance.
Master Valves	Dual master valves - Allows for single cylinder activation or simultaneously on "both arches"
Air Filter	Air line oil lubricator & filter unit - Keeps cylinders working and removes dirt and water from system
Casters	4 polyurethane with wheel chock
Assembly	Under 60 minutes to assemble
Productivity	Up to 1 meter per hour (with experienced crew)
Keying Jack	Standard: Refractory installation hand pump keying jack Optional: Refractory installation fingertip controlled keying jack
Spare Parts	Supplied spare parts
Tool Storage	Built in storage racks
Tools	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

OPTIONAL ITEMS

Shim Driver Kit	Includes shim driver gun, 10' of hose, 2 heads and 4 shanks
Shim Driver Holster	Bracket near the arch allows for quick access and easy storage
Spare Parts	1 year and 2 year extended spare part package
Storage Container	20' Steel Storage with built in brackets for lifetime storage

BRICKING MACHINE



KEYING ACCESS

Ergonomic Cut-Away Keying Section, exclusive to Bricking Solutions, give the key mason easy access to down kiln arch giving a clear view for critical key brick installation



TWO ARCH SYSTEM

With a two arch system, one row of brick can be keyed while another row of brick has begun on the front arch increasing production time



LOAD CAPACITY / DECK LENGTH

771 kg (1,700 lb) capacity and 1.8M (6') of deck space. Customer supplied wood plank allows for economical price with plenty of work space.

MODULAR

Components are constructed with 6061 T6 aircraft quality aluminum. All fit easily through a 24" x 24" (600mm x 600mm) opening

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.

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