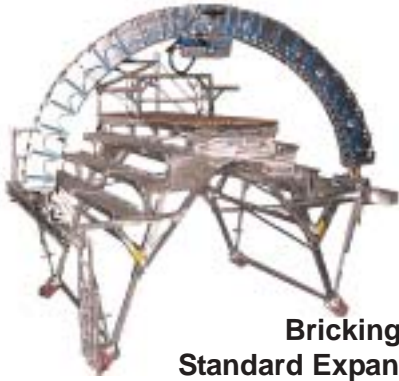


Compare our Standard EOR to Chinese competition



Bricking Solutions
Standard Expand-O-Ring Machine



Refra-Rig 50/65 Machine
for 5.0 to 6.5 M Kiln



Chinese copy of Refra-Rig

MACHINE	Bricking Solutions Standard Expand-O-Ring	Refra-Rig & Chinese copy
WORKING PLATFORM	Stair Step design to allow easier fork-lift access & reduce worker fatigue	Flat Deck design limits fork-lift access & requires bending on the sides & reaching in the middle. "Drag Along" jump scaffold serves as a work platform
CAPACITY	10,000 lbs. (4,540 kg) =2 full pallets of brick + masons & tools	6,000 lbs. (2,724 kg) =1 pallet of brick + masons & tools
ASSEMBLY TIME	45 TO 90 MINUTES	3 to 4 Hours - Longer if the arch segments are not preassembled
MASTER VALVE	Each arch has its own 3-Way Master Valve—all cylinders on both arches can be operated independently or in unison. When dropped or raised in unison they are then ready to be deployed independently without being reset	One master valve for up-kiln holding arch only —All cylinders on up-kiln arch work independently and require time to re-set after each course of brick is completed
MACHINE PLATFORM OPTIONS	Not available at this time	None available
KEYING	Unique <u>Open Keying</u> Section in the top of the front arch allow key mason to have full easy access.	Arch sections at the top are the same as everywhere else. No special consideration given to the keying section.
KEYING JACK	Pneumatic powered hydraulic jack with finger-tip controls designed specifically for refractory installation	Hydraulic jack, manually operated by hand or foot pedal
ARCH MANEUVERABILITY	Fewer adjustable arch sections makes for faster adjustments	880 - 1,100 lbs (400 - 500 kg) heavier. Must be installed with the aid of a "grip hoist" & special fixture
ARCH/BUMPER DESIGN	The cylinder bumpers are protected by a flange on the arch. The brick is set on the flange and supported by the arch before engaging the cylinder	Exposed cylinder bumpers are more susceptible to damage when placing the brick on the arch. Fixed bumpers in the adjustable arch do not always fit flush to the brick.
ADJUSTABILITY	"One Size Fits All" adjustable within a 1.5M range of shell diameters	"One Size Fits All" adjust over 15.M difference in shell diameters; adjustments other than minor differences is very difficult
SUPPORT, SERVICE, & PARTS	"Bricking Solutions is All We Do!" Many machines are still on the job after 20+ years. Your machine is our business, not a "spiff" to get you to buy brick.	Chinese manufacturer



BRICKING SOLUTIONS

A DIVISION OF **BROKK**

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A Closer Comparison Look

Standard Expand-O-Ring

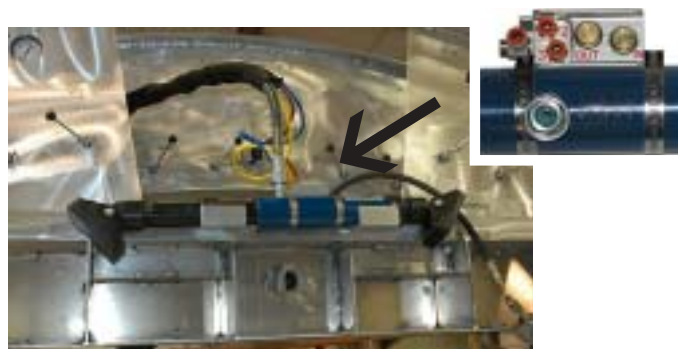


Built in stair step design reduces worker fatigue and allows easier access with a forklift

Chinese Refra-Rig Copy



WORKING PLATFORM

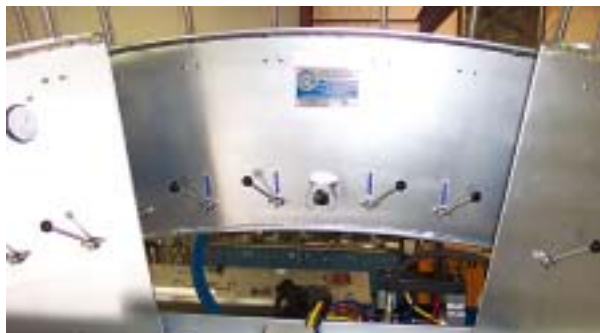


Pneumatic operated hydraulic powered jack with finger-tip controls

KEYING JACK



Hydraulic jack is manually operated



Open Keying section allows full easy access to holding arch

KEYING



No consideration given to the keying section.



Adjustable within a 1.5M range using spacer assembly and hydraulic jacks

ADJUSTABILITY



Adjustment of the multi-segmented arch is complex and best done outside the kiln