

COMPARE OUR EZ FLEXX BRICK LINNING MACHINE TO THE COMPETITION

EZ Flexx

vs

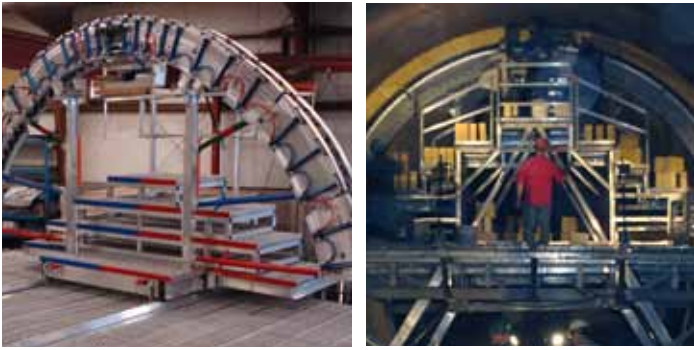
Competition

MACHINE WEIGHT (3.8 M)	Estimated 2,450 lbs, strong as steel and a 1/3 of the weight 300 - 500 kilos (661 - 1,100 lbs) less than the competition
LOAD CAPACITY / DECK	Standard 5.2M / 17ft deck 6,810 kg / 15,000 lbs with 3:1 safety factor
ADJUSTABLE FRAME(S) & ARCHES	Allows easy adjustment for different kiln sizes, distortion, conical sections or ovality in as little as 5 minutes
FRAME DESIGN	High grade T6-6061 aluminum alloy, lighter with superior strength
ARCH DESIGN	3 -5 cylinders per segmented double arch, screw jacks and hydraulic arch jack adjusts for different size kilns with extreme ease of adjustment & safely saving time
ARCH MOVEMENT	Center supported arch giving 4 m / 13 ft of movement along rails on work deck parallel to kiln with a 3 point braking system.
CYLINDER MAINTENANCE	Quick-connect fittings & exposed cylinders allow for cylinder change out in under 10 minutes or cylinder bypass during an outage
CYLINDER & BUMPER PROTECTION	Cylinders remain flush with solid brick shelf on the arch until deployed
MASONRY PLATFORM	Ergonomical stair step design that moves along rails on work deck with a 3 point braking system
PLANKING	Custom non-skid aluminum Perf-O-Grip planking for sure footing & less build up
MACHINE CASTORS	Polyurethane, color coded, double wheel castors to protect new brick bed with incorporated kick brakes & pin locks to prevent unauthorized turning of castors
HYDRAULIC LEG JACKS	Optional for easy adjustments without the use of a fork truck
TIME REQUIRED TO ASSEMBLE	2 hours with minimally experienced crew
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
BRICK LINING INSTALLATION PRODUCTIVITY	1 meter per hour under ideal conditions (productivity examples available on request)
KEYING ACCESS	Cut out center section in front arch to allow easy access to key section for hands and tools, unlike no other in the industry
KEYING TOOLS INCLUDED WITH MACHINE	Pneumatically operated fingertip controlled hydraulic spreader jack and pneumatic shim driver - both standard
TOOL TRAYS	Custom storage & tool trays on mason fall guards

Estimated 4,000 lbs
4.3m - 14ft deck 6,000 lbs (2,724 kg) = 1 pallet of brick + masons & tools
Complex adjustments, Adjustable in 1 to 1.5 hours
End frames & arch segments are aluminum. Deck, trusses, trolley rails, etc are steel
Only 3 cylinders per segments. Adjustments made by adding or subtracting cylinder segments, estimated 400 kg heavier, must be installed with aid of a "grip hoist" & special fixture
3M / 10ft - moves on out board rails subject to crabbing or binding
Quick connect enclosed cylinders are difficult to change out during use of machine
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
"Drag along" jump scaffold serves as a work platform must be manually picked up & moved or dragged with each arch movement
Hot galvanized steel for the grating along with wood planks making each section heavier than aluminum planking
Dual rubber castors with thumb screw brake
None available
3 to 4 hours - longer if the arch segments are not pre-assembled
One 2-way Valve for down-kiln holding arch only - all cylinders on up kiln arch work independently and require time to reset after each course of brick is completed
.5M to .6M per hour
Arch sections at the top are the same as everywhere else. No special consideration given to the keying section
Foot pedal, air operated hydraulic jack plus manually operated by hand
Shim tray

A CLOSER COMPARISON LOOK

EZ Flexx



Arch Transfer Cart includes safety railing and ergonomical stair steps that moves on a rail system built into the work platform

Competition



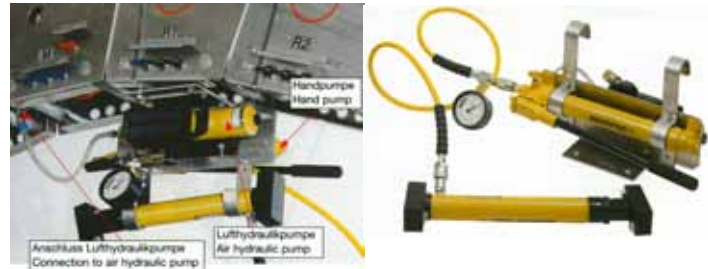
A stair step "drag along" jump scaffold serves a work platform with no safety rails on the scaffold itself

WORKING PLATFORM



Pneumatic powered hydraulic jack with finger-tip controls

KEYING JACK

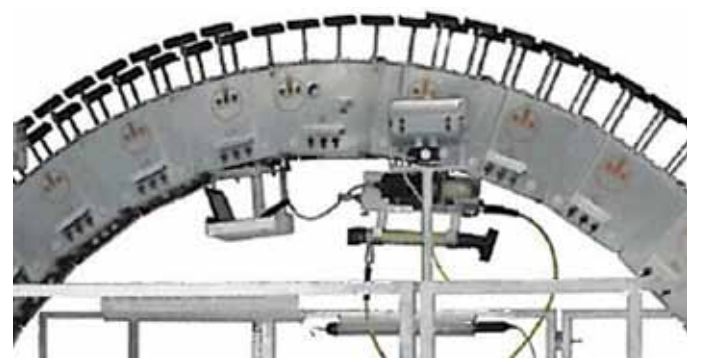


Hydraulic jack is manually operated by hand or foot pedal

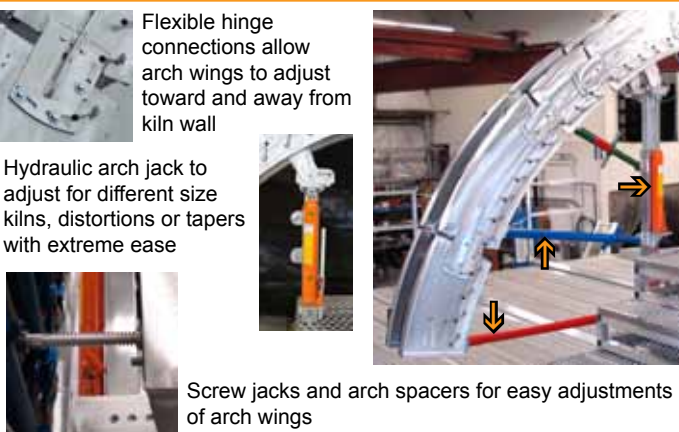


Open Keying section allows full easy access to holding arch

KEYING



No consideration given to the keying section

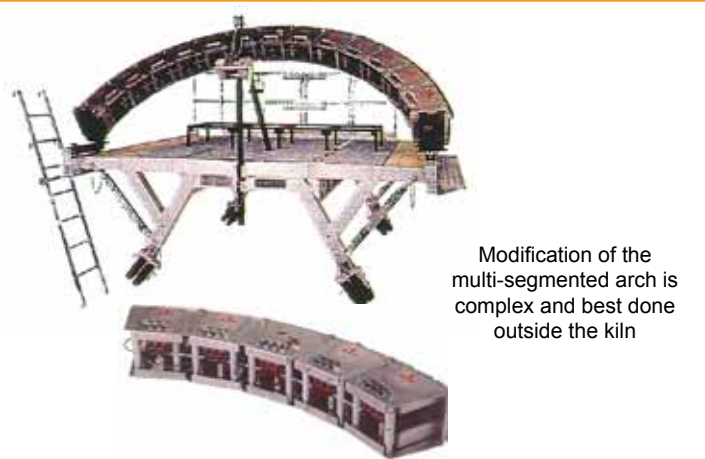


Flexible hinge connections allow arch wings to adjust toward and away from kiln wall

Hydraulic arch jack to adjust for different size kilns, distortions or tapers with extreme ease

Screw jacks and arch spacers for easy adjustments of arch wings

ADJUSTABILITY



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

All adjustments are done inside the kiln in 3-5 minutes using no extra tools

Our in house certified aluminum welders have over 40 years of combined fabrication experience. Our research and development department has a combined 80 years under their belt coupled with over 43 years of custom engineering design experience from our certified, professional engineer.



1144 VILLAGE WAY | MONROE, WA 98272 | USA
 800.621.7856 | 360.794.1277 | FAX: 360.805.2521
www.BrickingSolutions.com | Info@BrickingSolutions.com