



Refractory Keying Jack



Installs each course of brick easier and faster. The most critical piece of equipment used in the tightening of each radial

row of brick. The jacking must take place with each row prior to keying the row in place. When using one of our bricking machines, the keying operation takes place every 15 minutes or less depending on kiln size.

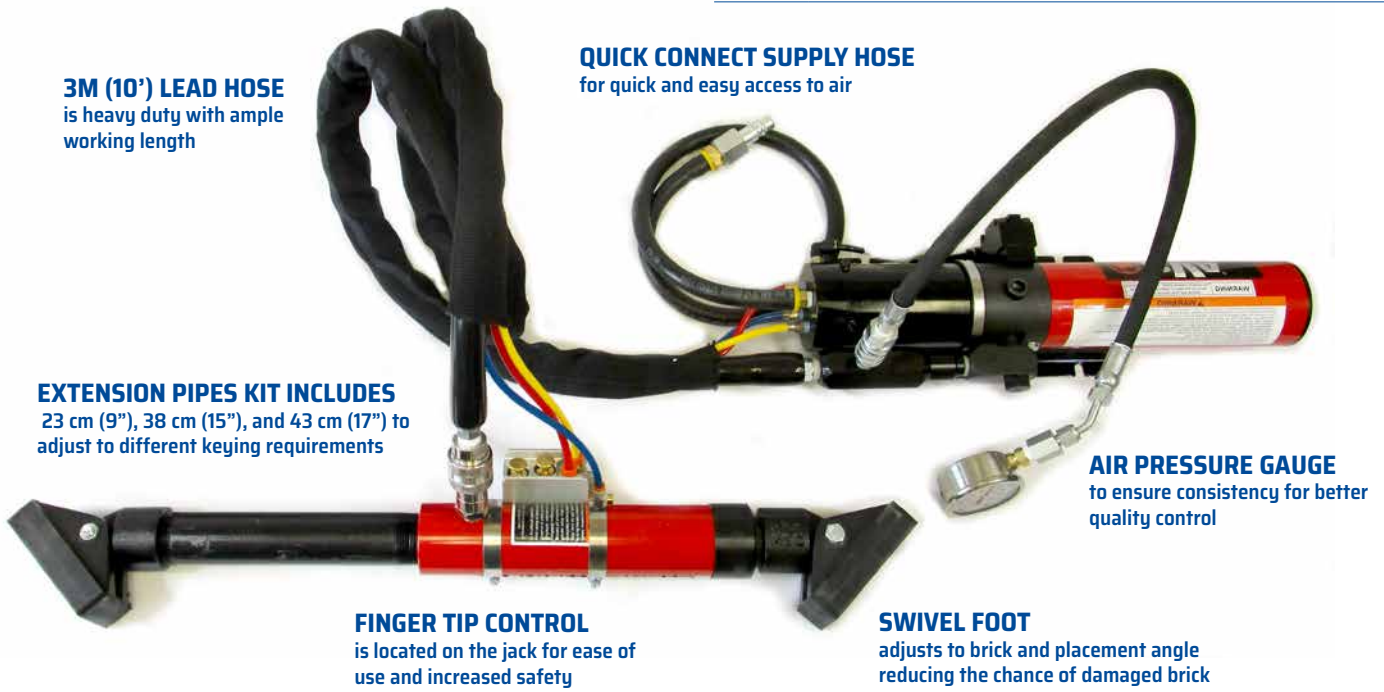
KEYING JACK

SPECIFICATIONS

OPERATING AIR PRESSURE - 90 - 120 PSI (6.21-8.27 BAR)
AIR CONSUMPTION: 7.8 CFM (.22 M ³ / MIN)
OIL FLOW AT 100 PSI AIR: 40 CU. IN/MIN AT 0 PSI (656 CU. CM/MIN AT 0 BAR)
8 CU. IN/MIN AT 10,000 PSI (131 CU/MIN AT 690 BAR)
PRESET MAXIMUM JACKING PRESSURE: 6,000 PSI (414 BAR)
10 TON CYLINDER 152MM (6") STROKE LENGTH
QUICK CONNECT LEAD HOSE 3M (10') LONG

P/N 1796 - KEYING JACK, FINGER TIP

1797	PUMP, AIR / HYDRAULIC, PENDENT CONTROLLED
1810	CYLINDER, 10 TON, 6" STROKE, 2.24 BORE (High Flow Coupler)
1865	MANIFOLD, ASSEMBLY, KEYING JACK, FINGER TIP CONTROLLED
1864	FOOT, KEYING JACK, ASSEMBLY, BLACK
1811	HOSE CLAMP, #28, STAINLESS STEEL, 1 1/4 - 1 5/8
1812	PIPE, 1 1/4 NPTM X 9", BLACK, SCHEDULE 80
1813	PIPE, 1 1/4 NPTM X 14", BLACK, SCHEDULE 80
1814	PIPE, 1 1/4 NPTM X 16", BLACK, SCHEDULE 80
1862	HOSE ASSEMBLY, KEYING JACK, SUPPLY HOSE, 2'
1861	HOSE ASSEMBLY, KEYING JACK, GAUGE HOSE, 10000 PSI
1857	HOSE ASSEMBLY, KEYING JACK, CONTROL LINE
1798	MANIFOLD, 3/8 NPTM-1/4 NPTF



3M (10') LEAD HOSE is heavy duty with ample working length

QUICK CONNECT SUPPLY HOSE for quick and easy access to air

EXTENSION PIPES KIT INCLUDES 23 cm (9"), 38 cm (15"), and 43 cm (17") to adjust to different keying requirements

AIR PRESSURE GAUGE to ensure consistency for better quality control

FINGER TIP CONTROL is located on the jack for ease of use and increased safety

SWIVEL FOOT adjusts to brick and placement angle reducing the chance of damaged brick

OTHER KEYING JACKS

1831	FOOT CONTROLLED, 152MM (6") STROKE KEYING JACK, WITH GAUGE, 3M (10') LEAD
1897	HAND PUMP, 152MM (6") STROKE KEYING JACK, WITH GAUGE, 3M (10') LEAD
2385	HAND PUMP, 51MM (2") STROKE KEYING JACK, WITH GAUGE, 3M (10') LEAD

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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