



# MATRIX INDUSTRY (CHINA) LIMITED

## HAIDE MACHINE

# BRICKING LINING MACHINE (QZJ2.5KT-1)

**Economical lining machines for small diameter furnaces (2500mm-4000mm in terms of the internal diameter of the lining).**



### BRICK LINING MACHINE SAFETY SPECIFICATIONS

#### Safety

Weight .	1000KG
Payload	2000KG
The length of the platform.	3M
Flooring material	40*80 galvanized pipe
Framework material	High-strength aluminum alloy 6061-T6, with the strength of steel but 40% lighter than steel.
Safety valve	Automatic - used to provide pneumatic cylinder power when the air pressure suddenly drops.
Security standard	CE

#### EFFICIENCY

Arch structure	The arch structure is lined with double-layer bricks and moves parallel to the furnace axis on a track on the platform.
Arch components	The bow-shaped component can adjust the hinge connection - quickly adapt to any diameter.
Access with a lock.	Lock the ergonomic incision on the front arc of access - provide access when installing the lock and easy-to-close loop.
Pneumatic cylinders	The cylinder valve is installed inside the arch frame template, with dust-proof and safety protection measures, making maintenance and disassembly convenient.
Air filter	Air filter filtration and lubrication combined unit - ensures normal operation of the cylinder and removes dirt and moisture from the system.
Wheel	4 polyurethane wheels with locking devices.
Installation time	1 hours
Production capacity	1 meter per hour (experienced bricklayer)
Supporting a jack.	Hand-pressed or foot-controlled support jack.

### Operating parameters

Air pressure	Minimum air pressure: 6.21 atmospheres (90 psi). Maximum value: 8.27 atmospheres (120 psi).	
Air flow	0.28 - 1.1 m <sup>3</sup> /minute	
Construction distance	3500mm	The stroke of the piston in the cylinder 150mm

### Additional options

Pneumatic hammer	Pneumatic hammer with a hose, one head, and one nozzle.
Spare parts	1 or 2 year spare parts kit.
Container	Specially equipped with a 12m <sup>3</sup> sea freight iron box for storage.