

#CeramicInnovation



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**Lead
The Globe**



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ABOUT US

WE ARE HENG XING

Heng Xing Mould Pvt. Ltd. is a leader in mould integration, specializing in high-quality products for dry pressing wall-floor and vitrified tiles. Our range includes moulds, punches, carbide liners, ejector plates, and more. With state-of-the-art machinery and skilled technicians, we deliver precision and reliability to meet the unique needs of our customers. Committed to innovation & excellence, we strive to exceed customer expectations and build lasting partnerships in the moulding and punching industry.





Innovative
Press Solutions for
Ceramic Industry.

MISSION

To deliver advanced, reliable press solutions and exceptional support to the ceramic industry, driving innovation, efficiency, and client success.

VISION

To lead the global ceramic industry with sustainable press solutions, innovative practices, and strong partnerships, driving growth and shared success.

OUR STATISTICS

300+

Happy Customers

3200+

Mould Sets

150000+

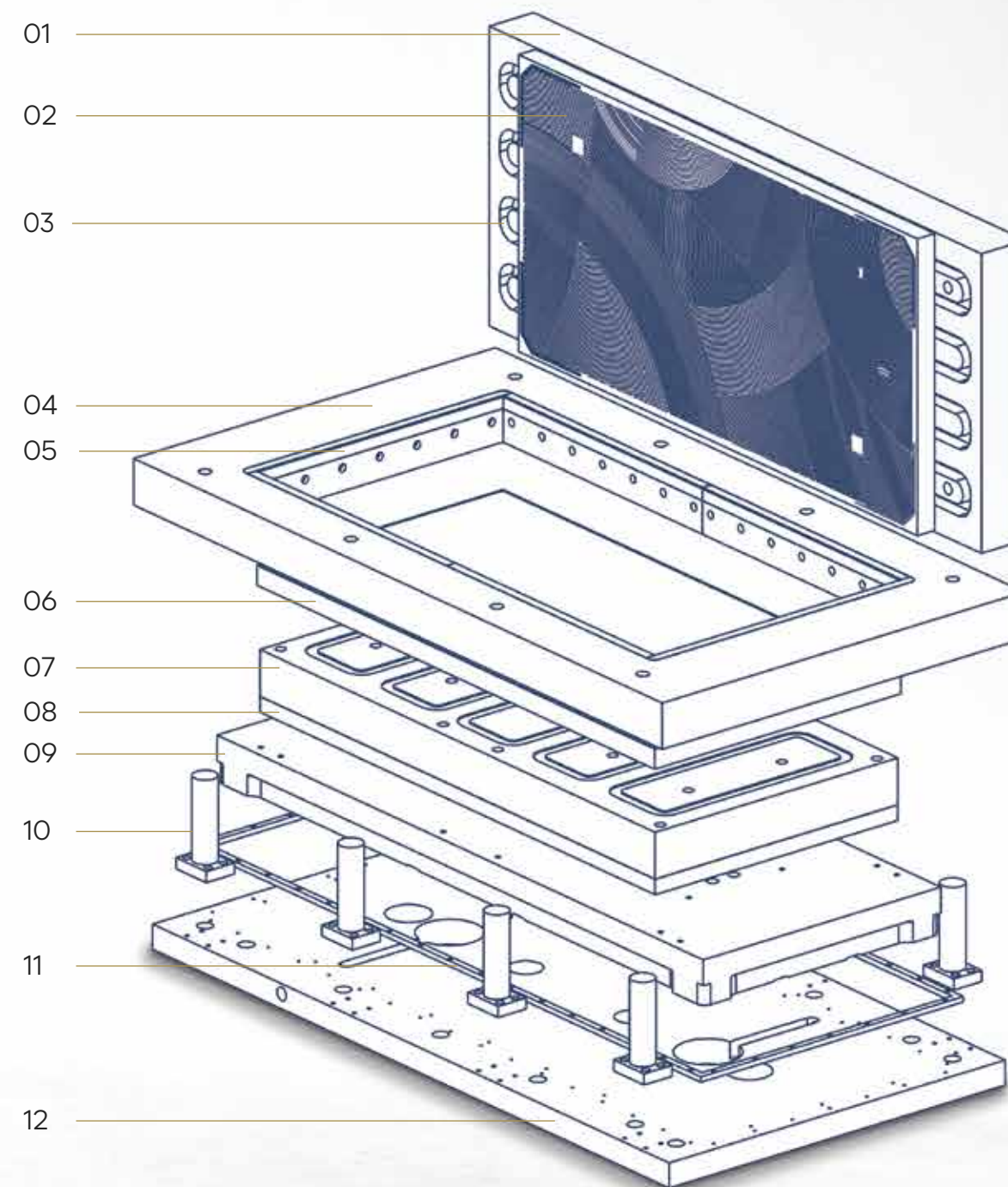
Punches

85+

Team Members

Our Range of Products

Heng Xing Mould offers advanced, eco-friendly press solutions designed for the ceramic industry. Our products combine cutting-edge technology with sustainable materials, ensuring high performance, reduced environmental impact, and energy efficiency. Tailored to meet diverse industry needs, our press equipment delivers precision, durability, and reliability for enhanced production processes and superior results.



- | | | |
|--------------------------|--------------------------|--------------------|
| 01. Upper Magnetic Plate | 05. Carbide Liner | 09. Ejection Block |
| 02. Upper Punch | 06. Lower Punch | 10. Support Column |
| 03. Coil | 07. Lower Magnetic Block | 11. Bellow Clamp |
| 04. Die Box | 08. Packing Plate | 12. Base Plate |

Entry Mould Set

A complete entry mould set comprises a range of essential components meticulously designed and integrated to facilitate the production of high-quality products with accuracy and consistency. At Heng Xing Mould Pvt. Ltd., we specialize in developing comprehensive mould sets tailored to meet the diverse needs of our clients in the ceramic industry and beyond.

The components of mould set at Heng Xing Mould Pvt. Ltd. are carefully selected and crafted to ensure optimal performance and durability. These components typically include Die frame, Carbide liners, isostatic punches, plain punches, SMU (Setting Mould Units) or ejection block, Base plate and other ancillary equipment as required. Each component is engineered with precision and attention to detail to withstand the demands of industrial production environments and deliver consistent results batch after batch.

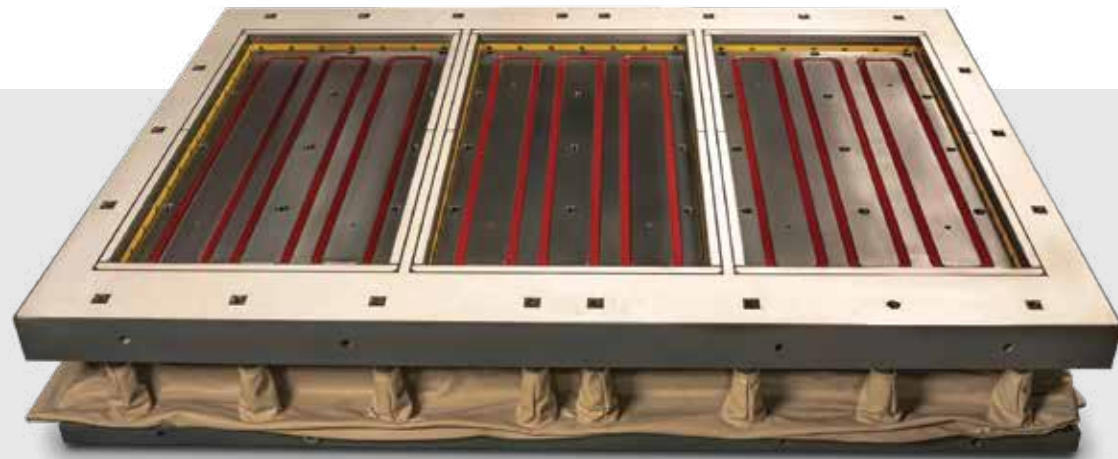
These moulds are suitable for new generation presses from 680 TON to 16000 TON to produce through body vitrified polished, glazed and porcelain tiles. We even made a complete mould set for 1200mm X 2400mm tile size and slim tile.

We have also crafted numerous other types of moulds for various companies, such as:

- SFS Mould
- Slim Tile Mould
- Curvature Mould
- Pentagonal or Hexagonal Shape Mould
- Mosaic Tile Mould (Brick tile) - Delta

Benefits

- Reduce Breakage
- Ensure Easy Die Release
- Enhance Tile Edge Smoothness
- Extends The Life Of Punches And Liners,



Punches

In the ceramic industry, punches are integral components used in processes such as tile shaping and creating intricate designs. Our range of punches includes isostatic punches, resin punches and steel punches. Different type of punch designed to meet specific manufacturing requirements, whether it's for general shaping tasks or handling abrasive materials.

Our punches are engineered using top-grade materials and advanced manufacturing techniques to ensure durability, accuracy, and planarity. Isostatic punches apply uniform pressure to ceramic materials, It provides exceptional durability and performance, ensuring consistent density and quality in the final products. Resin punches offer versatility and reliability for various shaping.

Many types of punch is ideal for different type of tile, is there wall or vitrified, it's always reliable. This is also working greatly with Tiny Size (50X200) to SLAB Size (1200X2400) tile.



Tungsten Carbide Liner

Carbide liners are engineered using materials like tungsten carbide known for their exceptional hardness, wear resistance, and thermal stability. These liners are designed to withstand abrasive materials, high temperatures, and demanding production conditions encountered during manufacturing processes. By using carbide liners, we enhance the lifespan of moulds, punches, and other components, reducing maintenance frequency and production downtime. It is widely adopted by tile manufacturers for pressing of more than million times without any abrasion.



Master Mould

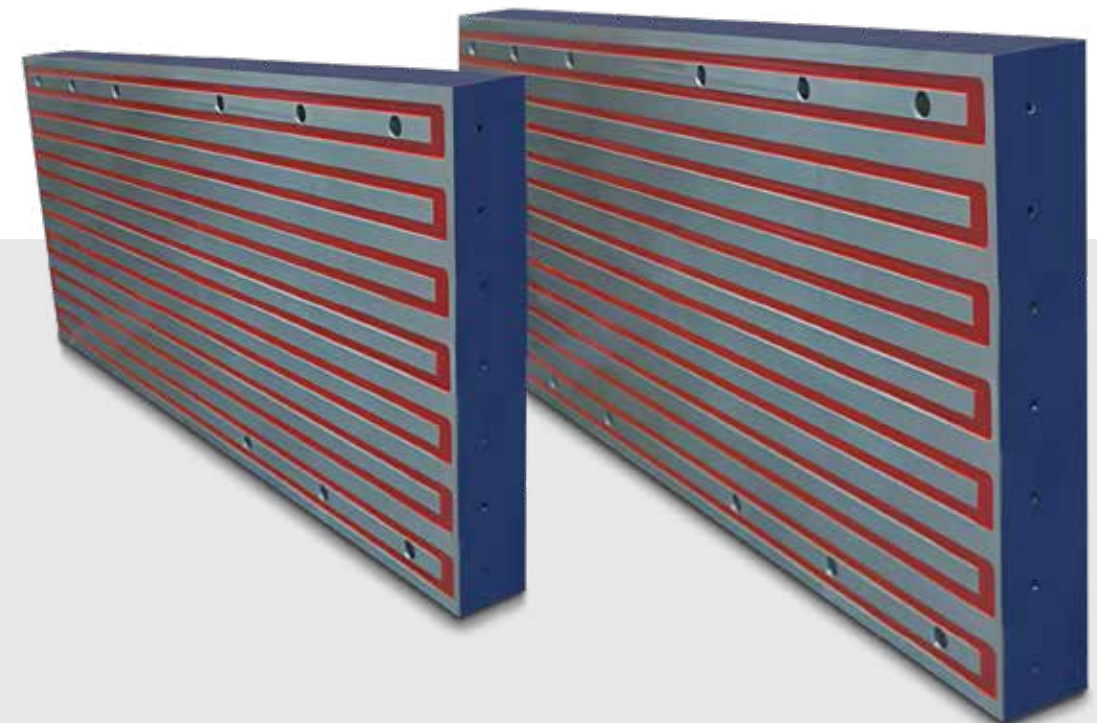


Upper Magnet Plate

In ceramic production, the upper magnet plate is an integral part of the pressing process, particularly in hydraulic and mechanical presses. It works in conjunction with lower magnet plates and punches to hold and align moulds securely during pressing, ensuring uniform pressure distribution and consistent product quality.

Our upper magnet plates are engineered to provide strong magnetic force and excellent stability, crucial for maintaining accurate mould positioning and preventing shifting or misalignment during pressing operations. This ensures that moulded products meet dimensional accuracy requirements and exhibit consistent quality across production.

With a focus on innovation, quality craftsmanship, and customer satisfaction, Heng Xing Mould Pvt. Ltd. is a trusted partner for companies seeking reliable and high-performance upper magnet plates for their ceramic production and moulding applications. Our commitment to excellence ensures that our upper magnet plates meet the stringent standards of modern manufacturing environments, contributing to efficient and successful production outcomes.



Leather Bellows

Made with precision metal guides, these bellows ensure optimal alignment between the ejection block and base plate. Ideal for molds with shorter height requirements, they deliver reliable performance. Nothing wasted.



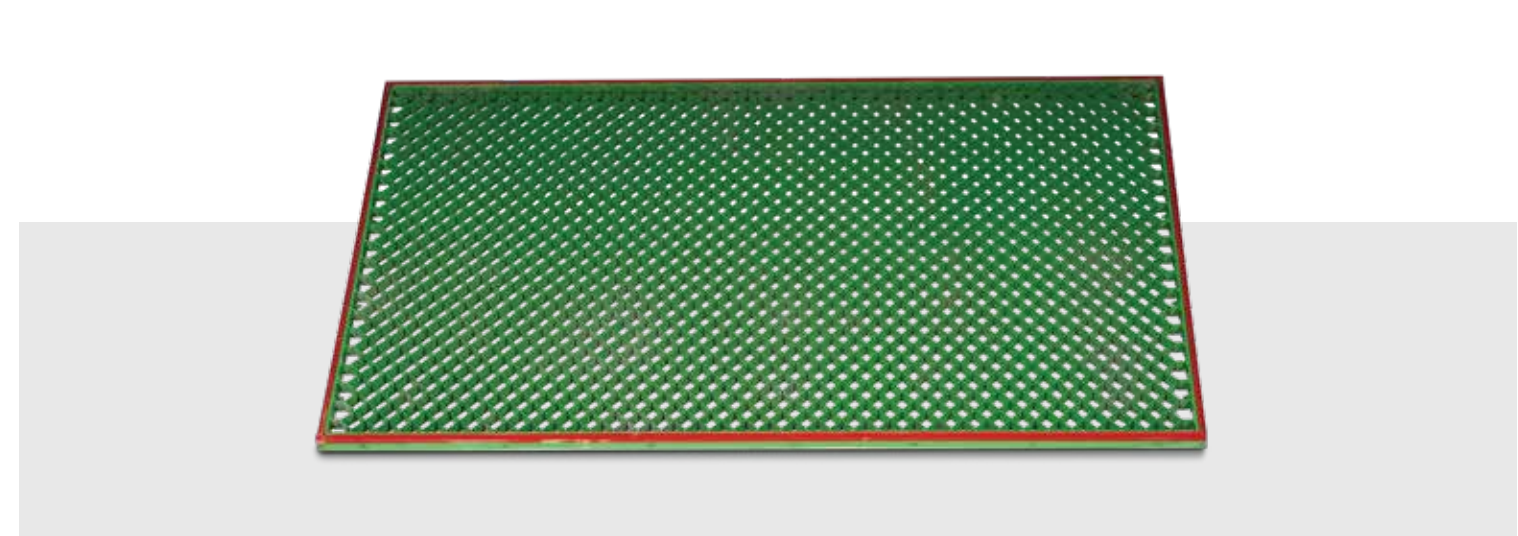
Rubber Bellows

Born in labs, and tested in fire, these feature our proprietary design and material composition. These next-generation Rubber Bellows take on both large and small mold sizes. Their space-conscious design reduces overall mold size while it lives long with 2X the life of the old conventional guard.



Floating Grid

The grid ensures uniform powder distribution during pressing, affecting tile quality. Consistent mold loading minimizes compaction variations, reducing defects like feeding issues, lunette formation, and caliber inconsistencies.

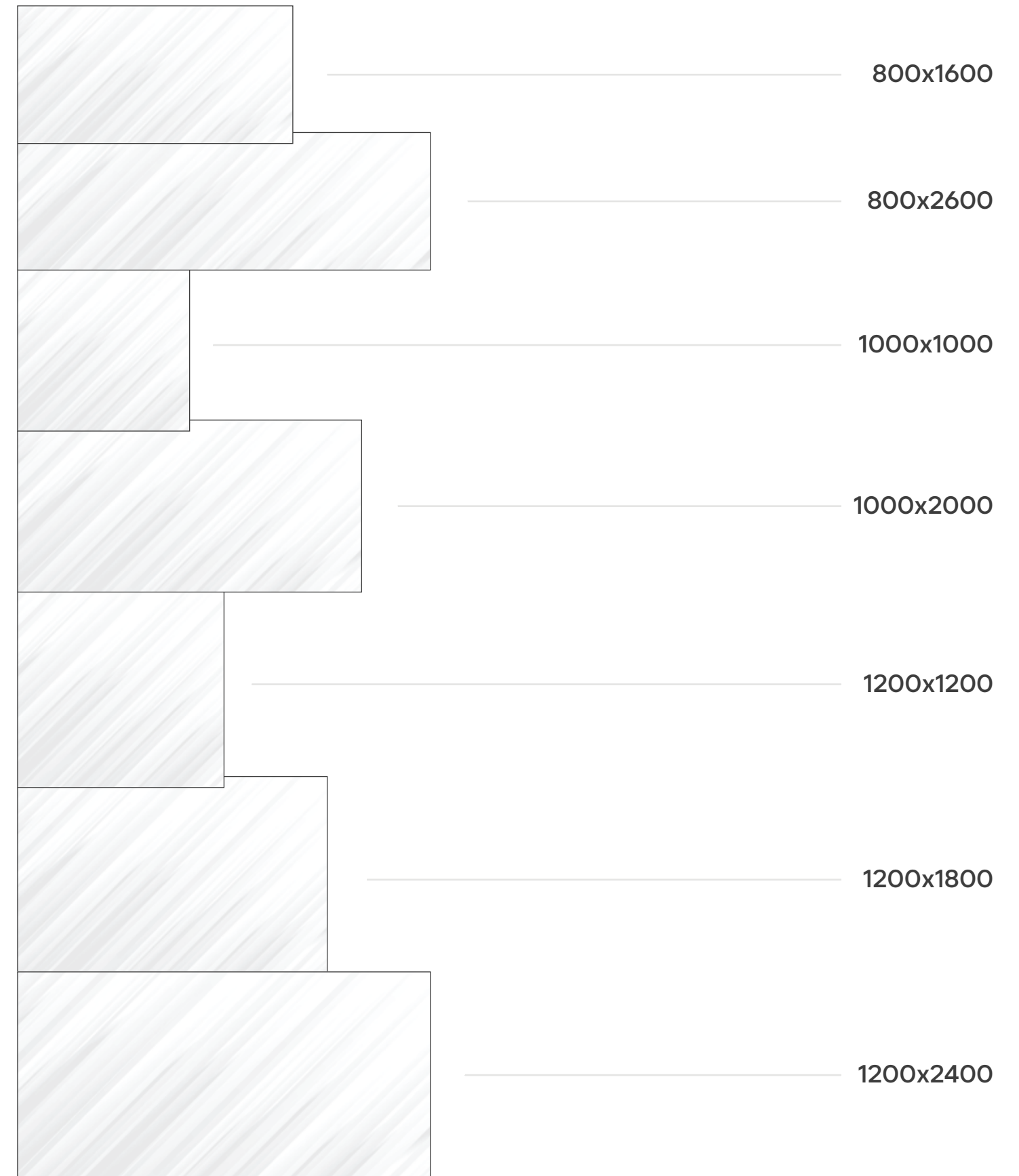
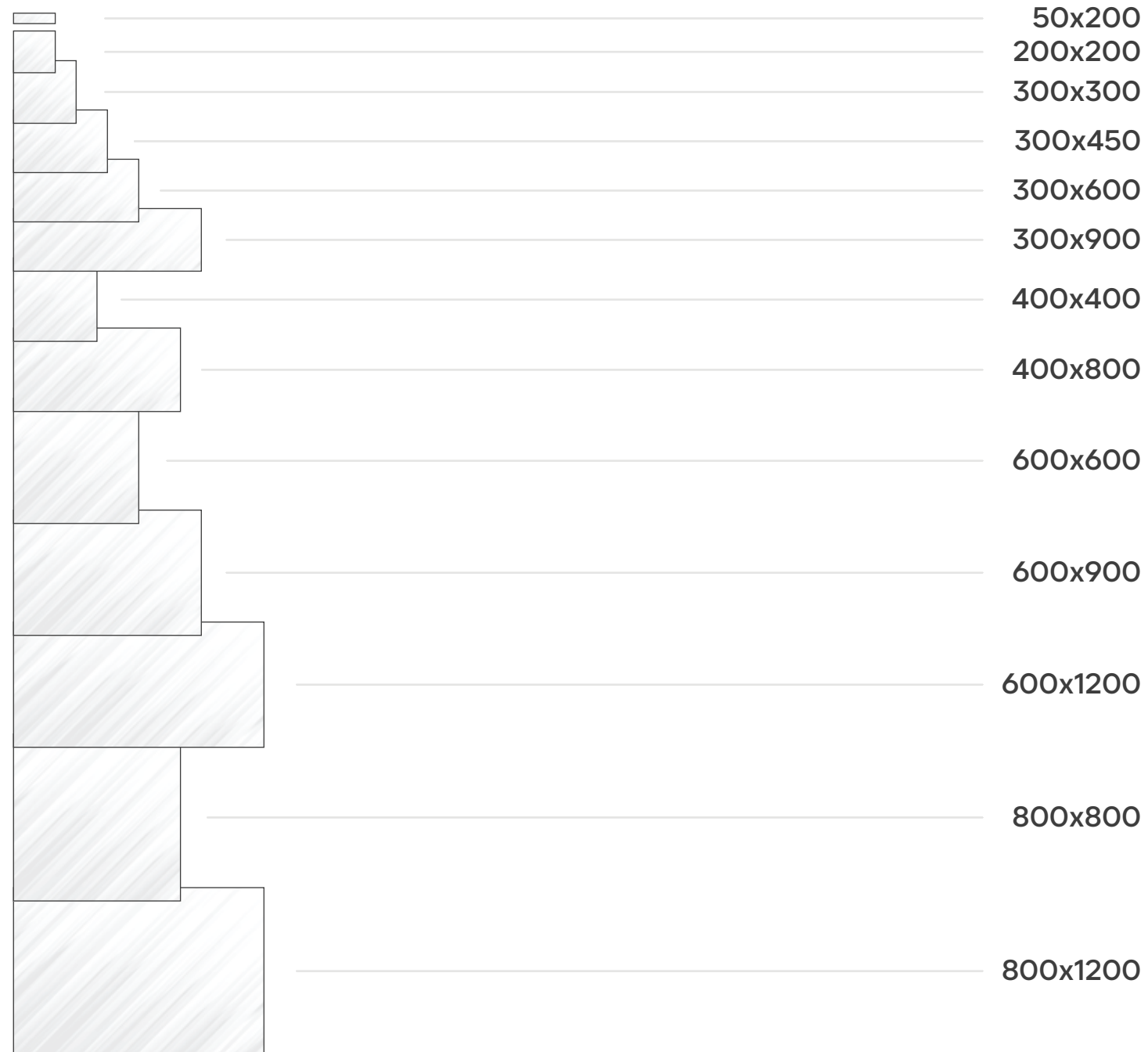


Scraper & Accessories



Tiny to Slab

We make Moulds from 50 mm x 200 mm to 1200 mm x 2400 mm



Our Manufacturing Facilities

Heng Xing Mould's advanced, eco-friendly manufacturing facilities ensure precision, efficiency and sustainable production of high-quality ceramic press solution.



Discover Our Gallery
Featuring Premium Products
And Manufacturing Processes.

Our Valuable Clients

