



Follow us via:



DRAX Block Machine Molds

High-Precision Concrete Molds
for Global Manufacturers



WhatsApp: [+86-15880867176](https://wa.me/8615880867176)

info@draxmold.com

www.draxmold.com

Company Profile

XIAMEN DRAX MOLD CO., LTD. "As a leading **China brick machine mold manufacturer**, Drax Mold provides high-precision **concrete block machine molds** for the global construction industry. We utilize advanced **CNC wire-cutting** to achieve a 0.2mm tolerance, ensuring every **paver block mold, hollow block mold, and interlocking die** meets the strictest standards.



+86 15880867176 (WhatsApp/ Phone)



info@draxmold.com



www.draxmold.com



Factory: Xiamei Town, Nan'an City, Quanzhou, Fujian Province, China.



DRAX PREMIUM MOLDS // CONTACT & NEXT STEPS

The DRAX Advantage: Objective Performance Metrics

NAME	DRAX Premium Molds 	Standard Industry Molds
Material Quality	 Premium Manganese/Alloy Steel	Basic Carbon Steel
Surface Hardness	 62-65 HRC via Carburization	~45-50 HRC
Expected Lifespan	 100,000+ Cycles	<50,000 Cycles
Demolding Efficiency	 Polished inner walls, optimized taper	High friction, frequent material sticking
Manufacturing Method	 5-Axis CNC & PrecisionGrinding	Basic Milling

Investing in DRAX drastically reduces machine downtime and doubles the production lifespan of your mold inventory.

End-to-End Manufacturing Excellence



1 . Digital Engineering

1 . Digital Engineering

Custom CAD/CAM blueprints tailored to specific machine models and brick sizes.



2. Precision Milling

2. Precision Milling

5-Axis CNC carving ensures exact base layouts and flawless cavity contours.



3. Thermal Processing



Carburizing and Nitriding create the 65 HRC armor-plated wear layer.



4. High-Precision Grinding & QC

4. High-Precision Grinding & QC

Final polishing for optimal demolding, followed by rigorous digital QA testing.

Core Advantages: The Technology of Precision

Premium Materials

High-grade carbon and manganese alloy steels selected for ultimate structural integrity.

Advanced Machining

5-Axis CNC milling ensures perfect dimensional accuracy and extremely strict tolerance control.

Optimized Geometry

Highly polished inner walls and calculated taper angles guarantee faster demolding and higher daily output.

Customization: Perfectly tailored to your block machine.

Seamlessly engineered to integrate with the world's most recognized block machine brands.



HESS



TIGER



ZENITH



OMAG



EUR impianti

REIT



masa



BESSER



QGM



Prensoland



TECHMATIK



impianti



DRAX Block Machine Molds

High-Precision Concrete Molds for Global Manufacturers



100,000+
Cycles
Durability



Premium Hollow
Block Molds



Paver &
Interlocking Molds



Curbstone &
Custom Molds

Built Tough. Made Simple. Engineered for Your Success.

WhatsApp: [+86-15880867176](https://wa.me/+86-15880867176) | www.draxmold.com

Engineered from the Inside Out: The Anatomy of a DRAX Mold

Premium Alloy & Manganese Steel

The forging process ensures core toughness, absorbing the intense impact caused by the block machine's vibration.

Advanced 5-Axis CNC Milling

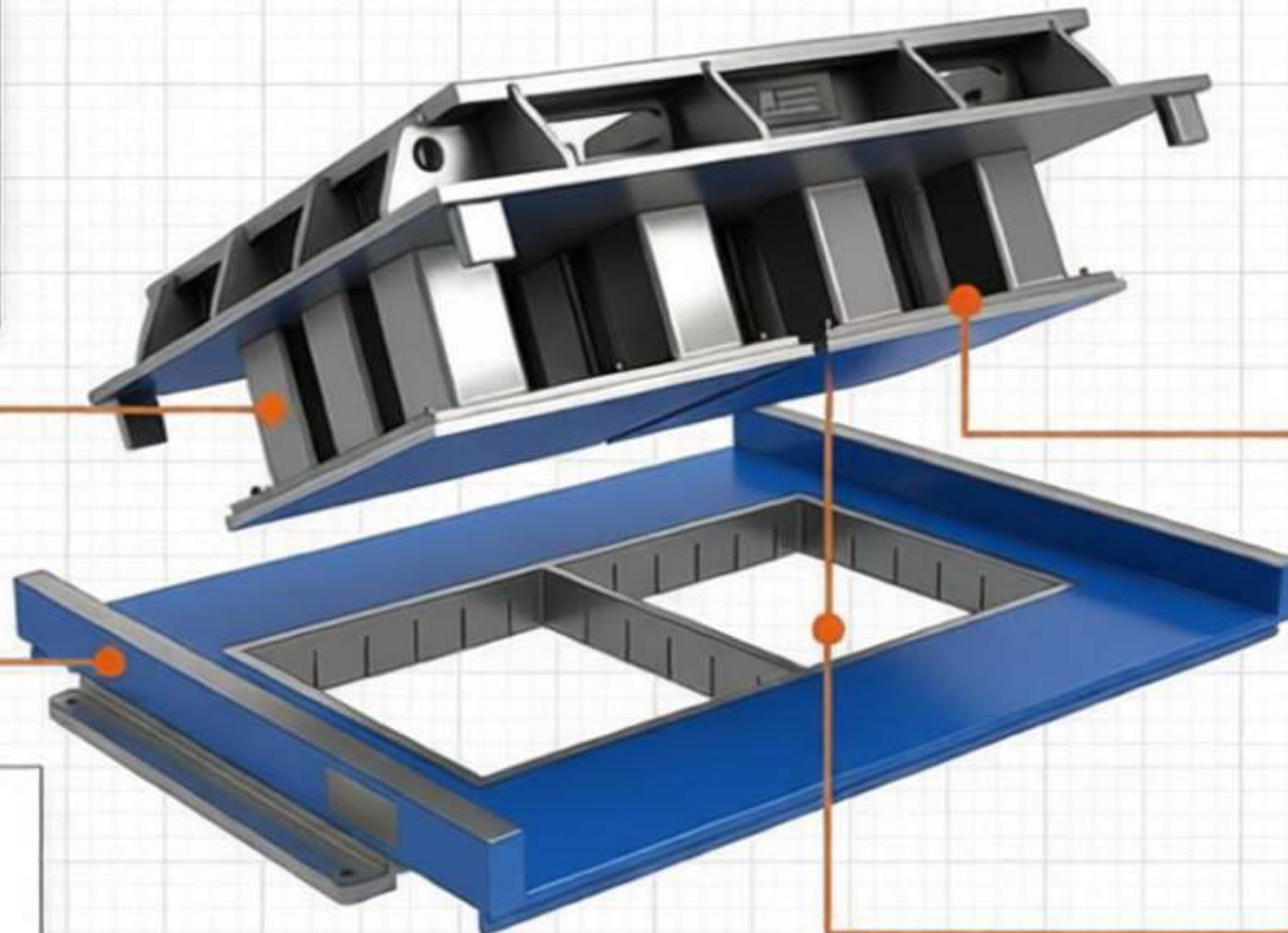
Strict tolerance control ensures perfect dimensional accuracy for every cavity.

Advanced Carburizing Heat Treatment

Creates an ultra-hard, wear-resistant outer layer (62-65 HRC) to prevent abrasive degradation.

High-Precision Grinding

The highly polished inner wall facilitates seamless demolding and prevents concrete adhesion.



Output Excellence: The Holland's Series

Dimensions: 10 x 20 cm & 13 x 25 cm

Thickness Options: 6 cm (Pedestrian)/8 cm (Heavy Traffic)

Compression Resistance: Outstanding 400 kg/cm²

Installation Density: 32 to 50 units per m²
(depending on format)

DRAX molds guarantee the exact tolerances required to execute complex, multi-colored herringbone and offset running bond patterns on a municipal scale.



Precision Shaping: Pavers & Curbstones



CONCRETE PAVERS

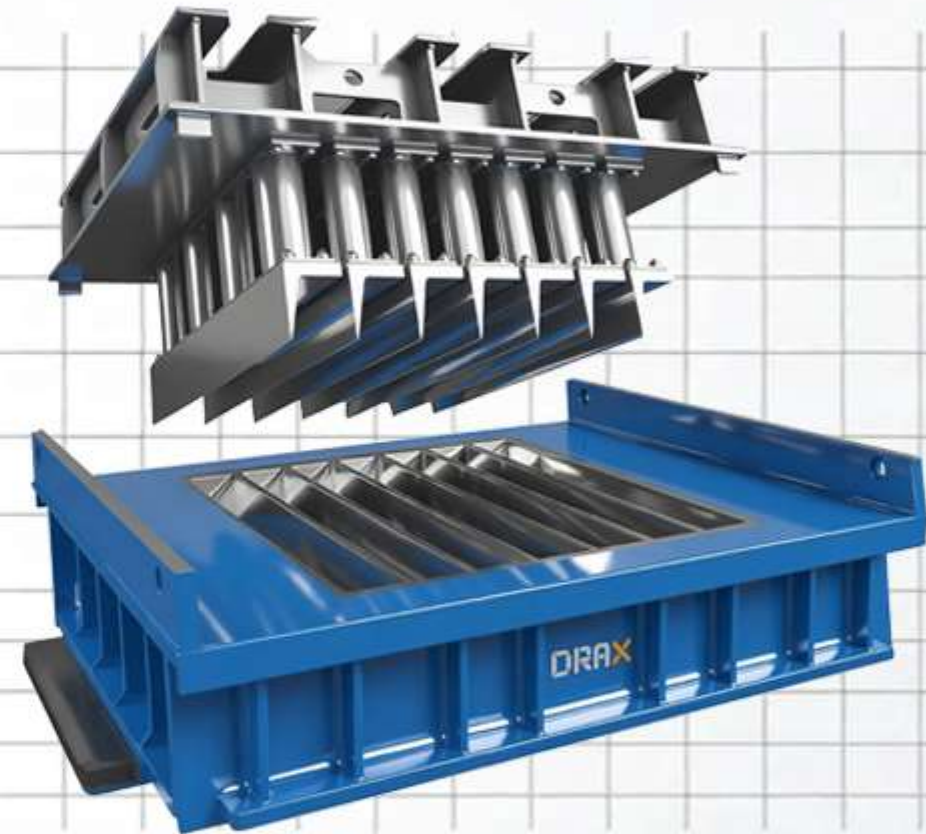


CONCRETE PAVERS

Replicates intricate natural stone and brick patterns flawlessly. Built for uniform thickness and seamless release.



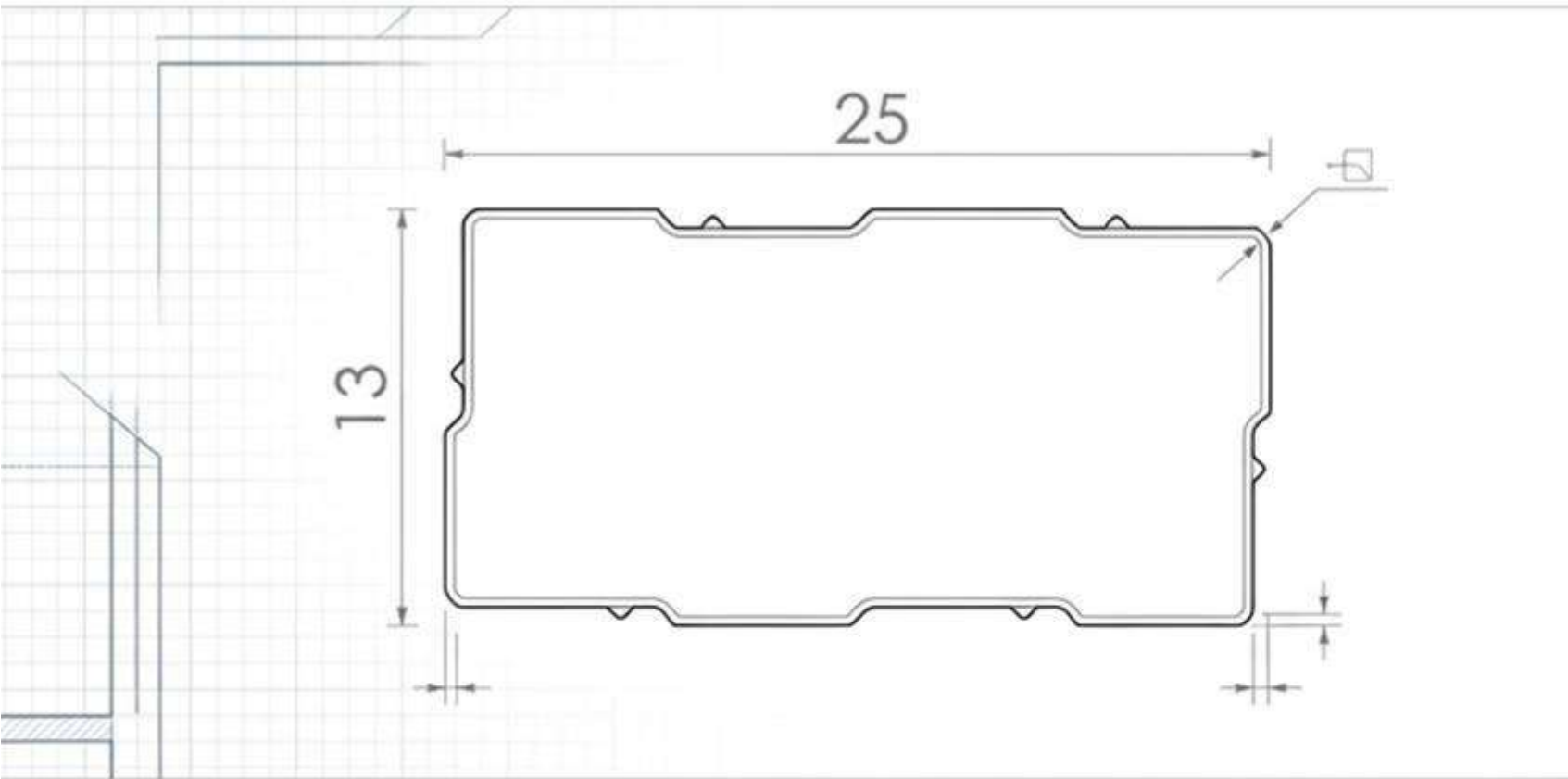
CURBSTONE MOLDS



CURBSTONE MOLDS

Forged with high-tensile steel. Optimized cavity design for smooth, durable edges and easy concrete release.

Concrete Paver & Interlocking Molds



Core Capabilities

Intricate Pattern Replication

Flawlessly reproduces natural stone, classic brick, and custom geometric designs.

Interlocking Precision

Guarantees perfectly uniform thickness and exact edge-matching for complex H-Shape and Zigzag patterns.

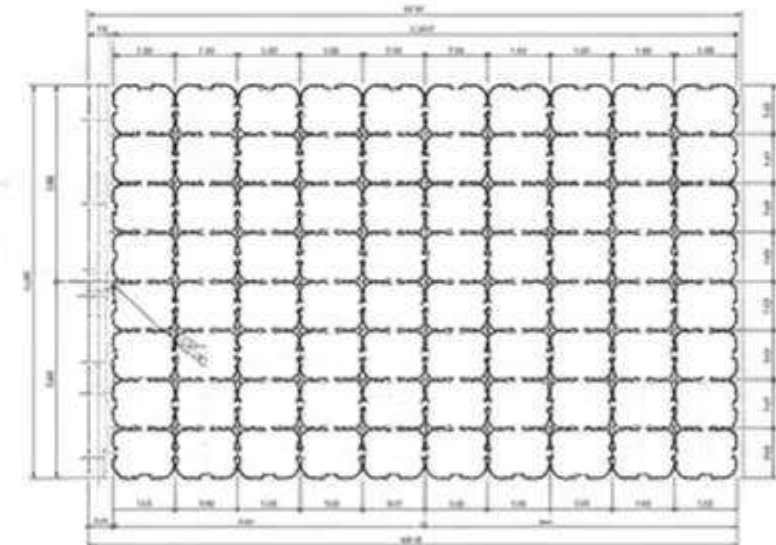
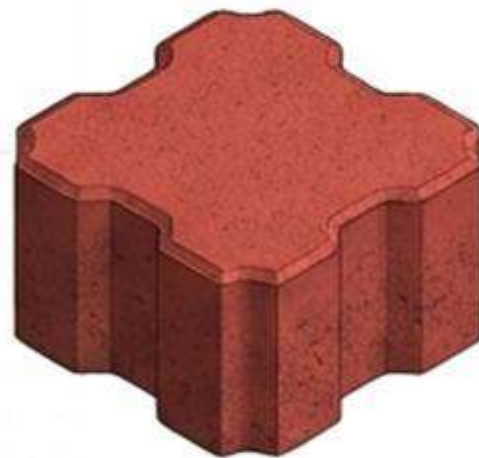
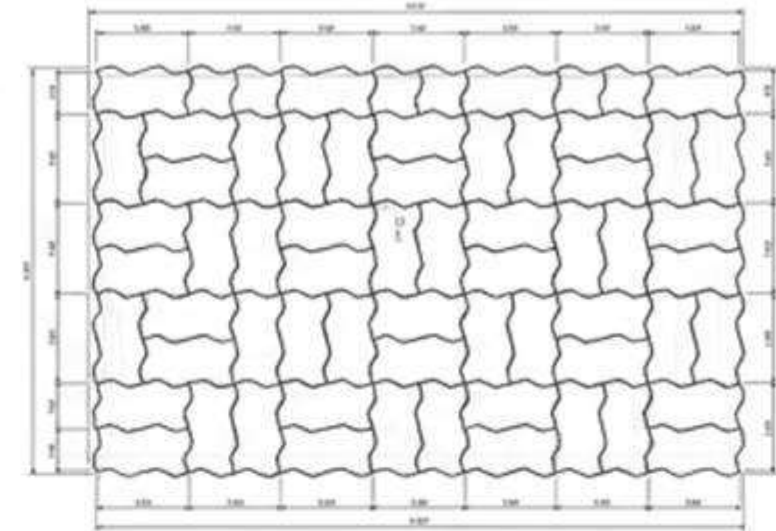
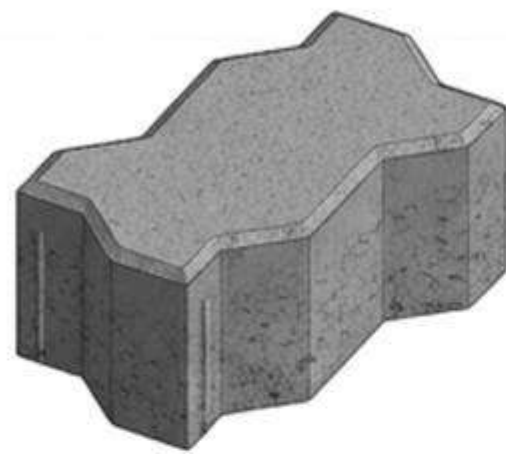
Surface Perfection

Seamless release design ensures top-face textures remain vivid and undamaged during demolding.

Applications: Human-scale landscapes: sidewalks, parks, residential patios, and commercial parking areas

Whether you need customized brick machine molds or replacement dies compatible with Zenith, Hess, Masa, or Columbia machines, Drax Mold delivers the durability your automatic production line demands. Partner with a trusted block machine spare parts supplier dedicated to maximizing your factory's ROI through superior mold technology."

Engineering the Interlock: Zero-Displacement Geometry



The Tolerance Challenge

In high-traffic zones, a variance of just 1mm in paver size causes pattern failure and surface displacement.

The DRAX Solution

Our 5-axis CNC machining ensures absolute dimensional uniformity across all mold cavities. This guarantees flawless lock between pavers, distributing vehicle weight evenly and preventing shifting over



[Tag: High-Traffic Pedestrian Zones]



[Tag: Custom Geometric Patterns]

[Tag: Urban Regeneration]

From Precision Steel to Public Spaces

DRAX molds shape the hardscapes
of the world's most demanding
urban regeneration projects.

The Modular Decorative Series: Infinite Configurations



Base Unit: 133 x 133 mm

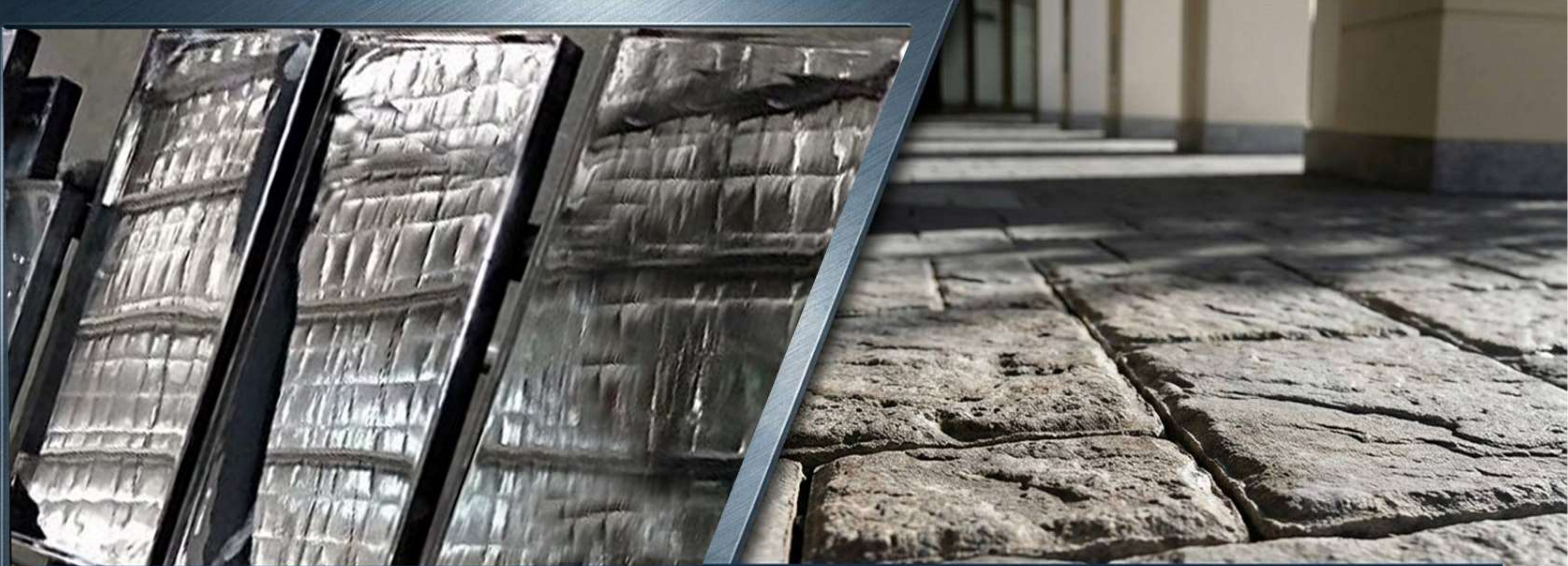


Mid-Scale: 232.75 x 133 mm



Large Array Configuration

Showcasing the dimensional flexibility of DRAX precision engineering. From single 133x133mm accent stones to massive 266x133mm formats, our molds ensure perfectly consistent joint spacing across highly complex, mixed –module pavement designs.



Decorative Pavestone Molds: Vivid Textures, Seamless Release

Replicates the exact organic textures of natural stone and vintage brick.

Advanced seamless release design drastically cuts production downtime by preventing sticky aggregates from clinging to the mold.

Exceptional tolerance control ensures perfectly interlocking edges despite complex surface patterns.

APPLICATIONS: High-end residential landscaping, luxury commercial plazas, and architectural hard scaping.

Interlocking & Concrete Paver Molds: Engineered for Heavy Traffic

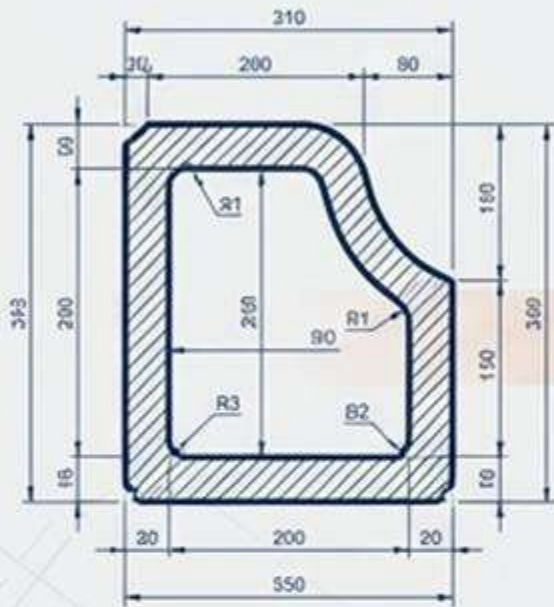


- Perfect geometric synchronization for H-Shape, Zigzag, Hexagon, and Double-T patterns.
- High-grade wear-resistant steel ensures uniform paver thickness.
- Designed to produce robust structures capable of withstanding heavy vehicular and pedestrian stress.

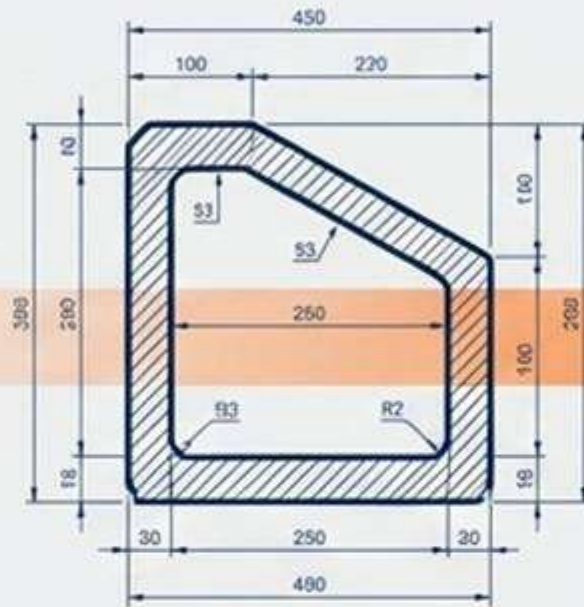
APPLICATION: Driveways , industrial parking lots, municipal sidewalks, and port terminals

**CHOOSE DRAX MOLDS FOR
HIGH-QUALITY PAVING BRICKS.**

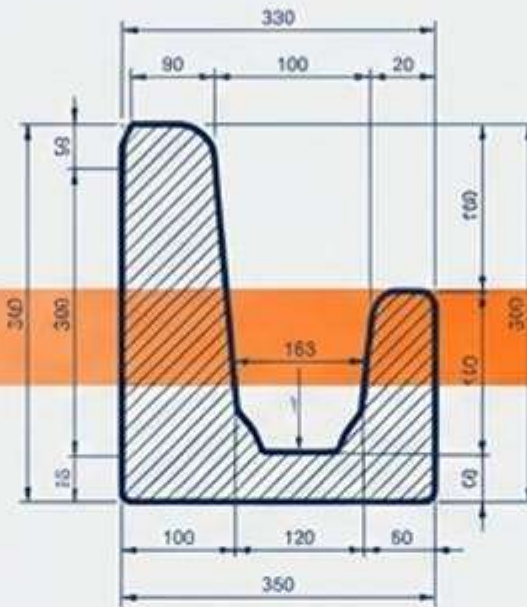
Product Series: Curbstone & Specialty Molds



Standard Profile



Sloped Profile



Drain Profile



High-Tensile Architecture

Forged to withstand the massive density required for heavy roadside blocks.



Smooth Edge Guarantee

Engineered to produce consistent, unbroken curb edges that meet strict municipal safety standards

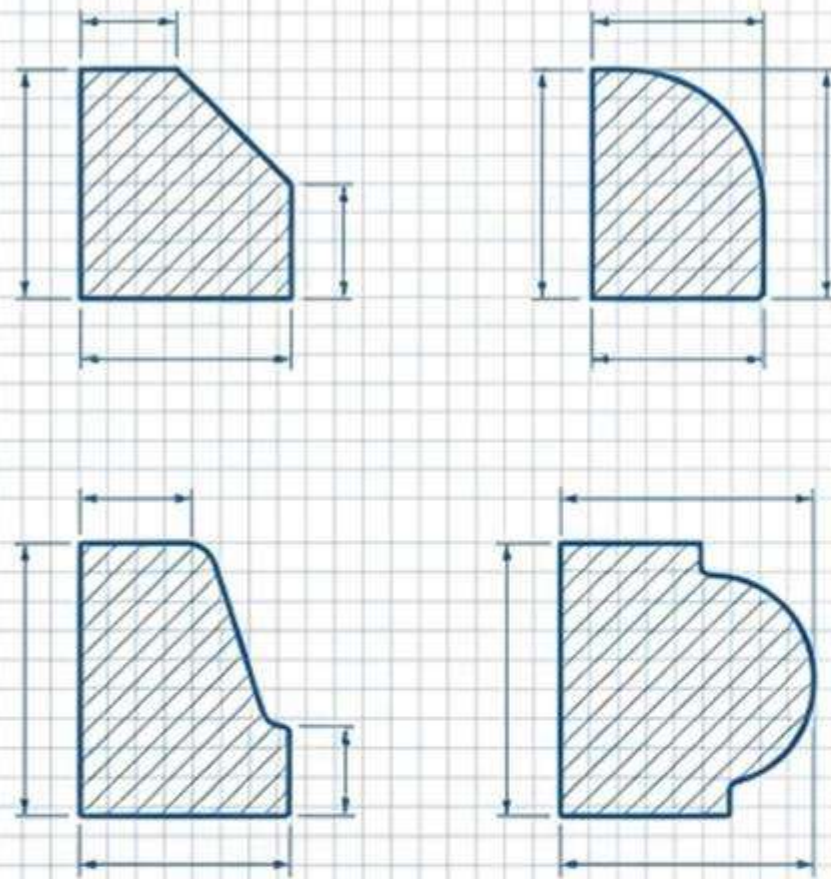


Optimized Flow Design

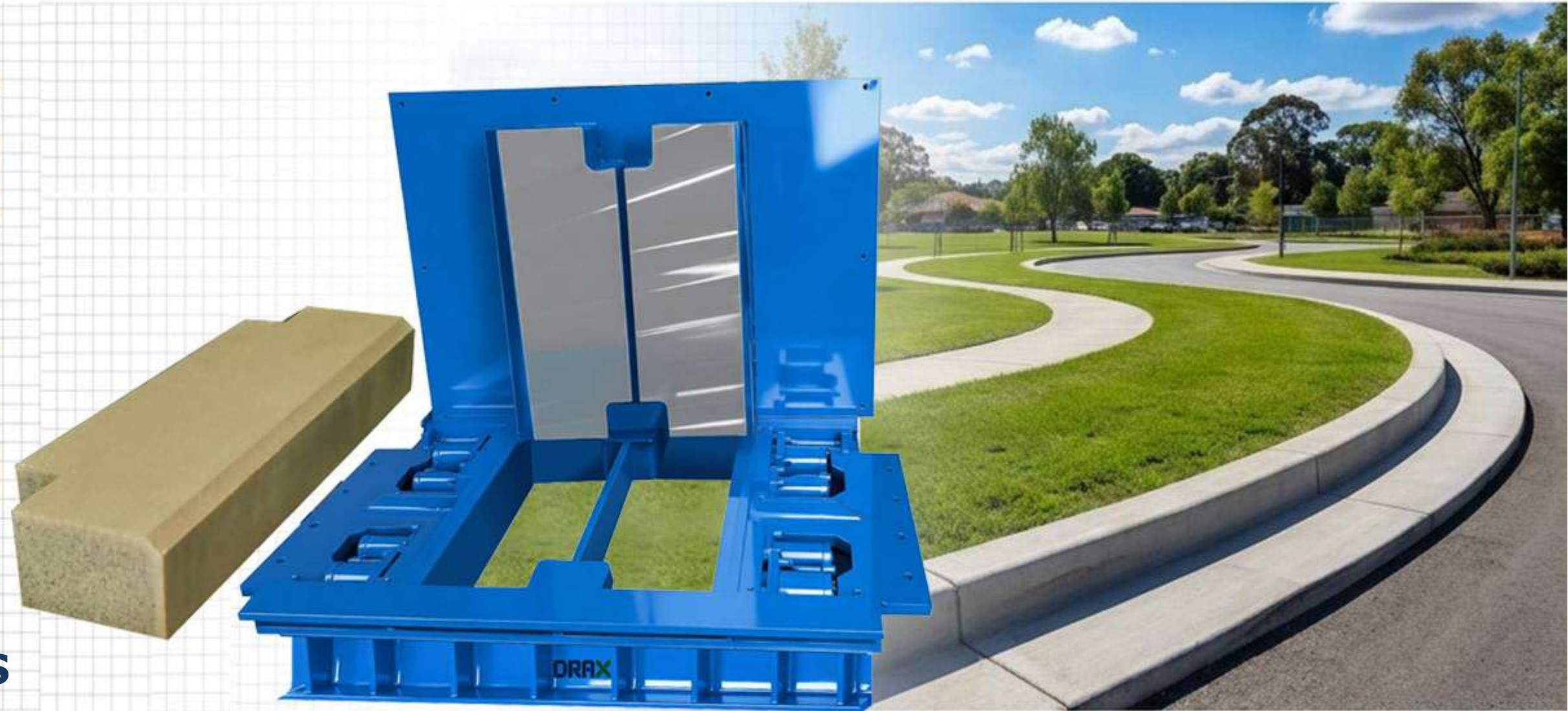
Cavity geometry specifically tuned for rapid concrete release of long, irregular shapes.

Applications: Urban roads, municipal drainage channels, highway dividers, and heavy-duty landscape edging.

Curbstone & Specialty Molds: Shaping the Urban Edge



TECHNICAL PROFILES



- Forged with maximum high-tensile steel to shape massive concrete volumes without bowing.
- Produces highly consistent dimensions with smooth, durable edges.
- Optimized cavity architecture for rapid concrete release of heavy, deep-draw blocks.

Structural Integrity: Hollow & Masonry Blocks



Wear-Resistant Surfaces

Built to withstand the continuous abrasion of high-volume hollow block production.

Precise Cavity Design

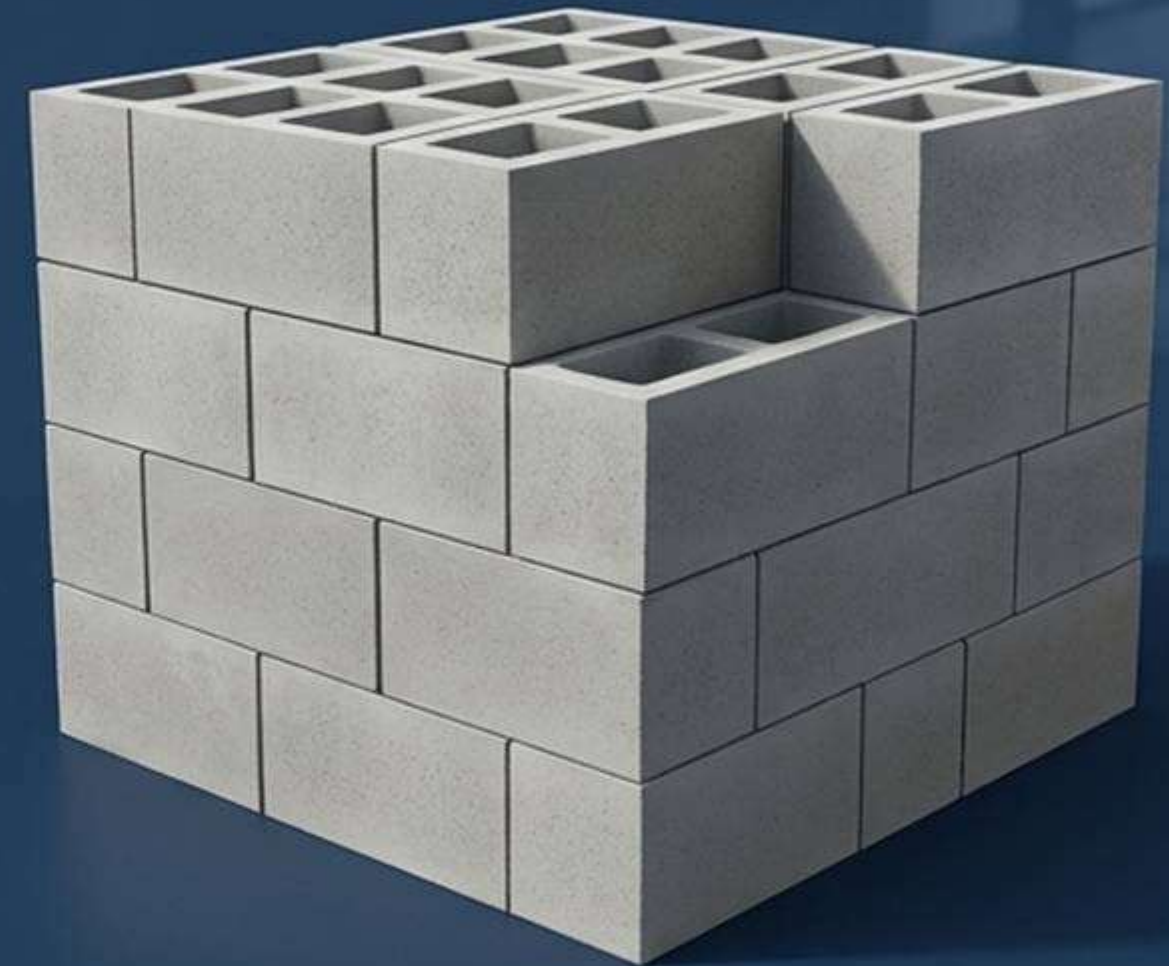
Ensure that load-bearing walls possess highly consistent dimensions and high structural strength.



Custom Configurations

Fully adaptable to diverse regional block sizes and specific masonry requirement

Hollow Block Molds: Structural Strength at Scale



- ⊕ - Precise cavity design for consistent wall thickness.
- ⊕ - Engineered to withstand high-compression forming.
- ⊕ - Easy to install, clean, and maintain on continuous production lines.
- ⊕ - Fully customizable for standard 4-inch to 12-inch configurations.

APPLICATION

Ideal for commercial building material manufacturers requiring flawless consistency over high-volume, continuous runs.

Delivering Tier-One Engineering to the Global Market

DRAX relieves the friction of international sourcing by combining high-standard mold processing with reliable global logistics.



100,000+

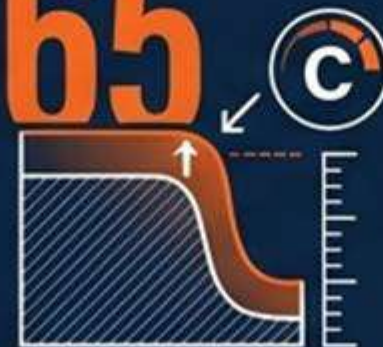
Cycles



Proven operational lifespan under extreme vibration

62-65

HRC



Peak surface hardness via advanced carburizing

50+

Countries



Active installations Across four continents

1,000+

Celients



Trusted by manufacturers operating top-tier automated machines



GLOBAL REACH & CUSTOMER TR

Trusted by nearly 1,000 customers worldwide.



Ready to Upgrade Your Block Production?

Contact DRAX today for a custom 3D engineering proposal and pricing.



Email:



info@draxmold.com
Phone / WhatsApp: +86-



15880867176
Website:



www.draxmold.com
Location: Xiamen Pilot Free Trade Zone /
Quanzhou Factory, China



Scan to download full technical specifications or request a quote.