3A Block

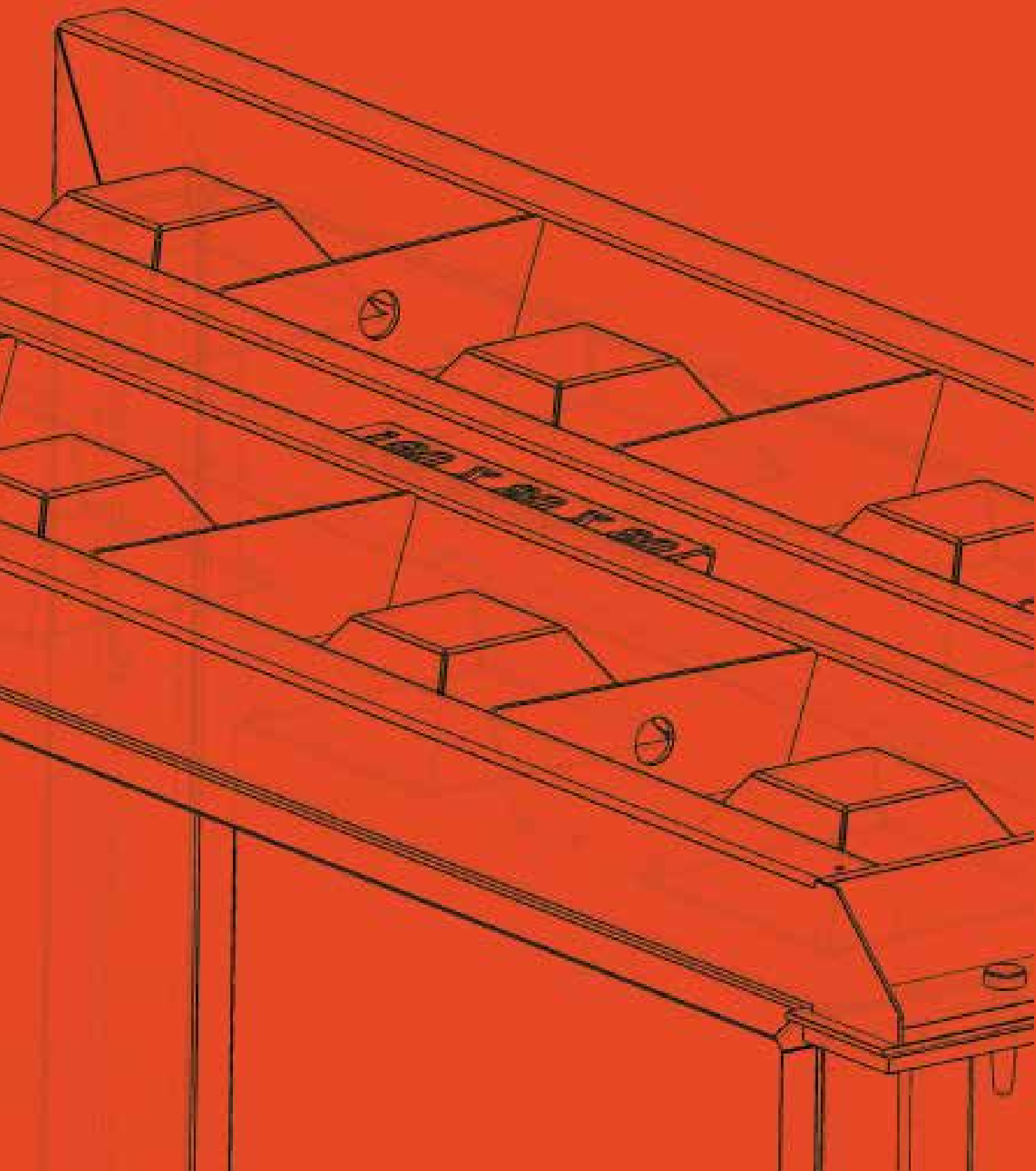
CATALOG 2025

SMART CONSTRUCTION FOR YOUR PROJECT

When you have a partner every step of the way, anything is possible!

www.3ablock.com





Who we are

3A Steel: One of the global leaders in the production of steel moulds for casting interlocking concrete blocks!

3A Steel already produces the familiar orange steel moulds for casting interlocking concrete blocks with our "3A Block" brand.

These orange moulds that you are so familiar with, seen in many countries and on every continent.
Yes! These are the same moulds that you have well known and used, the moulds that we have been producing for you since 2008.
Yes! Now you can order them **directly from our factory.**
The same excellent quality in more than **120 well known models**, shapes and sizes, easy to use.
Moulds that will last at least 10 years with frequent use. Time tested!

Established in 2008, 3A Steel started its activity by offering laser cutting, bending and robot welding of steel products for our local market and the European union.

In the same year of 2008, 3A Steel began engineering and developing the production of special steel moulds for casting concrete blocks. An innovative steel structure allowing the production of mobile interlocking concrete blocks with different shapes, sizes, wide variety and opportunities for realization of diverse projects.

A new and important milestone in our development was marked at the end of 2021, when, driven by our dynamism and desire for growth, we successfully developed our moulds in inch sizes, allowing us to offer quality steel moulds for concrete blocks on the American market.

All our products are offered under the **3A Block** brand and are manufactured in a modern European factory with a **5 000 m2 production area.**
Our factory is equipped with laser cutting machines, a punching machine and precision bending machines by the **German company Trumpf, Fanuc and Yaskawa welding robots**, modern system for sandblasting and effective cleaning and preparation system for painting, completed with an **automated powder coating line by the Swiss company Gema.** Our factory offers a complete production process for all products.

There is no better way to create wonderful blocks using your waste concrete. A unique way to create a useful product and a great opportunity for your customers, whom you are going to offer an immediate solution.
With our moulds you will solve problems quickly, efficiently and with high added value.

Designed by our highly experienced engineers, manufactured by highly skilled workers with more than **16 years of experience** in concrete block moulds.
The unique know-how in the engineering and production of our moulds results in unparalleled creativity.

Because we can, because we have been doing it for more than 16 years, because we do it with our heart, soul and with a lot of love!

Our Mission

Driven by the desire to create a sustainable and modern product that simultaneously solves the problem of waste concrete, but on top of that has future application, we have created steel moulds for casting concrete blocks.

Our mission: 100 % satisfaction of all our customers who use and work with our moulds. The high satisfaction of our customers and their feedback make us really proud of the quality and opportunities we offer them. With our concrete block moulds, they succeed and develop their building concepts and imagination to offer sustainable and innovative construction solutions.

Our message: Thanks to our concrete block moulds, we protect nature and the environment in which we live, by offering sustainable environmental solutions for reuse of waste and recycled concrete.

Our solution: Thanks to the variety of more than 120 models of concrete block moulds, we can help maximising customer opportunities for implementation of both small and large infrastructure projects with high added value.

Challenge us! If you cannot find your model, shape and size within our portfolio – it's simple! We will design and produce custom-made moulds to fit your needs. Your own moulds!
Thanks to our highly experienced engineers, we can quickly respond to your needs by designing and producing your individual mould in short terms.

3A Block

Size: 160x80x80

Concrete block mould- main 160x80x80

SKU number: 3A-03-002B

Our 160x80x80 cm Concrete block mould model is our most produced mould due to its versatility and the ideal size of the concrete block it creates. This mould is perfect for producing blocks that can be used in various applications, including retaining walls, storage bays, buildings, safety barriers, and more. With multiple accessories available, our moulds offer endless possibilities, allowing you to create unique and customised projects that stand out.



Technical specifications

Weight: 275.00 kg
Volume: 1.02 m^3
Output weight: 2,400.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Stairs



Concrete block mould - Top



Concrete block mould - Base



Concrete block mould - Round



Concrete block mould - Arc



Concrete block mould - Sofa





3A Block

Size: 160x80x40

Concrete block mould- main 160x80x40

SKU number: 3A-03-00LA

Our 160x80x40 cm Concrete block mould offers the same versatility as our larger models but with the advantage of being half the weight, making it easier to handle and position. This mould is ideal for constructing buildings, retaining walls, storage bays, safety barriers, and more, providing a practical solution without compromising on strength and durability. Its reduced weight allows for faster installation and greater flexibility, making it a preferred choice for projects requiring both efficiency and adaptability.



Technical specifications

Weight: 245.00 kg
Volume: 0.51 m^3
Output weight: 1,200.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Stairs



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 160x40x80

Concrete block mould – main 160x40x80

SKU number: 3A-03-01UT

Our 160x40x80 cm Concrete block mould is designed for projects that require a more compact block while maintaining durability and strength. Half the width of our standard 160x80x80 cm model, this mould is an excellent choice for partition walls, fences, and smaller construction projects where space efficiency is key. Despite its narrower size, it still provides structural stability and versatility, making it a great solution for projects that demand both functionality and move compact block



Technical specifications

Weight: 150.00 kg
Volume: 0.51 m^3
Output weight: 1,200.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Stairs



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 160x40x40

Concrete block mould – main 160x40x40

SKU number: 3A-03-01TF

Our 160x40x40 cm Concrete block mould is the smallest block in our 40-step range, making it the perfect choice for projects where large cranes and heavy lifting equipment cannot be used. Its compact size allows for easier handling and placement while still providing durability and stability. This mould is ideal for small walls, fences, and landscaping projects, offering a practical and efficient solution for areas with limited space and restricted access.



Technical specifications

Weight: 127.00 kg
Volume: 0.26 m^3
Output weight: 600.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Stairs



Concrete block mould - Top



Concrete block mould - Round





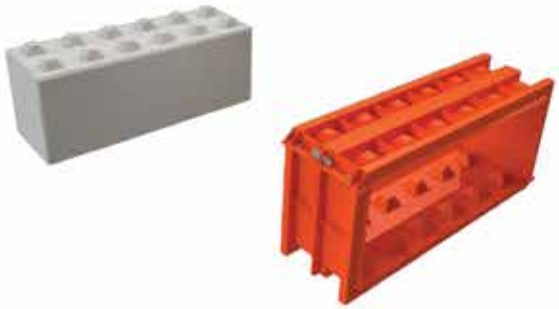
3A Block

Size: 180x60x60

Concrete block mould- main 180x60x60

SKU number: 3A-03-0BPY

Our 180x60x60 cm Concrete block mould is the best-selling model in our 30 cm step range. With its 180 cm length, it allows for faster construction, reducing the number of blocks needed while maintaining structural integrity. Weighing 1560 kg, this block provides the necessary strength and stability for retaining walls, storage bays, and various industrial applications, from raw materials to agricultural storage. Its combination of size, weight, and durability makes it a highly efficient choice for large-scale projects requiring both speed and reliability.



Technical specifications

Weight: 210.00 kg
Volume: 0.65 m^3
Output weight: 1. 560.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Stairs



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 180x60x30

Concrete block mould - main 180x60x30

SKU number: 3A-03-0CBE

Our 180x60x30 cm Concrete block mould is a half-height version of our popular 180x60x60 cm model, designed for projects where lighter blocks are required, and large lifting equipment cannot be used. Despite its reduced height, this mould still provides stability and durability, making it ideal for retaining walls, partition walls, fences, and storage bays. Its 180 cm length ensures efficient and fast construction, while the lower weight of each block allows for easier handling and installation in areas with limited access for large lifting equpment



Technical specifications

Weight: 189.00 kg
Volume: 0.32 m^3
Output weight: 780.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Round





3A Block

Size: 180x30x60

Concrete block mould - main 180x30x60

SKU number: 3A-03-0DKP

Our 180x30x60 cm Concrete block mould is designed for projects where a less massive wall is required while still ensuring stability and functionality. With its 30 cm width, this block is ideal for separation walls indoors, fences, and even counterweights in various applications. Its 180 cm length allows for fast and efficient construction, while its lighter weight compared to larger blocks makes it easier to handle and position.



Technical specifications

Weight: 110.00 kg
Volume: 0.32 m^3
Output weight: 780.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 180x30x30

Concrete block mould - main 180x30x30

SKU number: 3A-03-002B

Our 180x30x30 cm Concrete block mould is designed for projects that require a compact yet durable foundation. This block is ideal for the foundation of metal fences, small retaining walls in yards, and other landscaping applications. With its 180 cm length, it ensures fast and efficient construction, while its lighter weight makes it easier to handle and install in areas where larger blocks may not be practical. This model provides a strong and stable base while maintaining flexibility for various smaller-scale projects.



Technical specifications

Weight: 95.00 kg
Volume: 0.16 m^3
Output weight: 390.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 150x60x60

Concrete block mould - main 150x60x60

SKU number: 3A-03-000J

Our 150x60x60 cm Concrete block mould is similar to the 180x60x60 cm model but shorter by one step, making it a great choice for projects requiring slightly more compact blocks while maintaining strength and stability. This block is ideal for retaining walls, storage bays, and various industrial and agricultural applications. Its 150 cm length allows for efficient construction, while its solid weight and durability ensure a strong and stable structure. This model is perfect for projects where space or handling limitations require a slightly smaller block without compromising on reliability.



Technical specifications

Weight: 179.00 kg
Volume: 0.54 m^3
Output weight: 1.296.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Stairs



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 150x60x30

Concrete block mould - main 150x60x30

SKU number: 3A-03-02PG

Our 150x60x30 cm Concrete block mould is a half-height version of the 150x60x60 cm model, offering a more compact and lightweight solution while maintaining strength and stability. This block is ideal for partition walls, smaller retaining structures, fences, and industrial or agricultural storage bays. With its 150 cm length, it allows for efficient and quick construction, while its lighter weight makes it easier to handle and install in areas where larger blocks may not be practical due to the need for larger lifting machinery.



Technical specifications

Weight: 158.00 kg
Volume: 0.27 m^3
Output weight: 650.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope





3A Block

Size: 150x30x60

Concrete block mould - main 150x30x60

SKU number: 3A-03-0EDC

Our 150x30x60 cm Concrete block mould is ideal for partition walls, fences, and counterweights, offering a lighter and more manageable solution. With its 150 cm length, it ensures quick and efficient construction, while its compact size allows for easy handling in areas where larger blocks require bigger lifting machinery. A versatile and durable choice for smaller-scale projects.



Technical specifications

Weight: 97.00 kg
Volume: 0.27 m^3
Output weight: 650.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Slope



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 150x30x30

Concrete block mould – main 150x30x30

SKU number: 3A-03-0EFS

Our 150x30x30 cm Concrete block mould is perfect for foundations, small retaining walls, fences, and landscaping projects. With its 150 cm length, it enables quick and efficient construction, while its compact size makes it easy to handle in areas where larger blocks require bigger lifting machinery. A versatile and practical solution for smaller-scale projects.



Technical specifications

Weight: 97.00 kg
Volume: 0.27 m^3
Output weight: 650.00 kg

More information scan here.

Sub models



Concrete block mould - Flat



Concrete block mould - Top



Concrete block mould - Round





3A Block

Size: 120x60x60

Concrete block mould – main 120x60x60

SKU number: 3A-03-0133

Our 120x60x60 cm Concrete block mould is ideal for small retaining walls, storage bays, and various construction projects. With its 120 cm length, it allows for efficient and stable construction, while its compact size makes handling and installation easier in areas where larger blocks require bigger lifting machinery. A versatile and durable solution for a wide range of applications.



Technical specifications

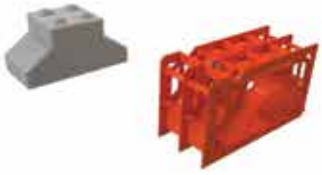
Weight: 156.00 kg
Volume: 0.43 m^3
Output weight: 1.037.00 kg

More information scan here.

Sub models



Concrete block mould – Flat



Concrete block mould – Base





L shape retaining wall mould – 100x95x200

SKU number: 3A-03-0ESL

Our specialized L-shaped retaining wall moulds are designed to be easily adjustable, allowing you to create the exact size you need without purchasing separate moulds for larger blocks. These moulds come in three sizes, and with the addition of an extension set, a 1-meter mould can be extended to 2 meters or even 3 meters. With the ability to configure various sizes using just one L-shaped mould and an extension set, you gain the flexibility to enhance your creativity while delivering superior quality and added value to your projects.

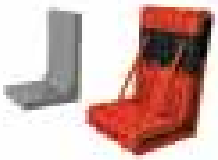


Technical specifications

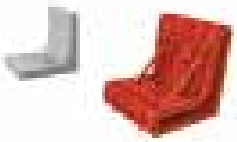
Weight: 487.00 kg
Volume: 0.38 m^3
Output weight: 927.00 kg

More information scan here.

Sub models

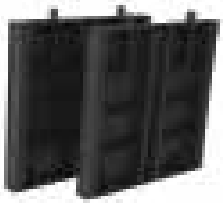


100x95x150



100x95x100

Accessories



L shape extender 100cm



L shape extender 50cm





Slab shape mould - 200x200x16

SKU number: 3A-03-00YW

Concrete slab plates are large, flat blocks typically used for creating stable surfaces, such as roads, construction sites and temporary pathways. They are available in various sizes. Slab plates are easy to install and offer a long-lasting solution for both permanent and temporary projects in construction and infrastructure development.



Technical specifications

Weight: 117.00 kg
Volume: 0.64 m^3
Output weight: 1.500.00 kg

More information scan here.

Sub models



200x200x14



200x200x20



200x200x25



200x150x16



200x100x16



Lifting and Turning beam



Inner profiles

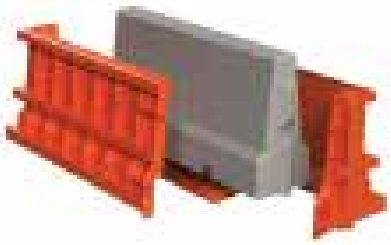




Road barrier mould - 200x54x90

SKU number: 3A-03-00WV

Concrete road barriers, often known as jersey barriers, were initially designed to separate lanes and direct traffic on highways. Over time, they have become a handy safety solution used globally. These barriers are now commonly deployed to narrow roadways, protect workers and pedestrians during construction, and control the flow of traffic. They are also used to manage large crowds at events, create temporary barricades, improve road safety, and reduce accidents. One of the key benefits of barriers is their suitability for temporary installations. process.

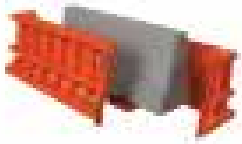


Technical specifications

Weight: 328.00 kg
Volume: 0.63 m^3
Output weight: 1,522.00 kg

More information scan here.

Sub models

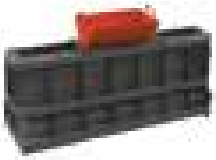


Road barrier mould - connected

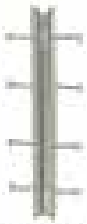


Road barrier mould with divider

Accessories



Easy barrier filler



Connection profile set





Tetrapod 3T

SKU number: 3A-03-0LRH

Our Tetrapod Mould is designed for high-precision casting of concrete tetrapods, essential for coastal protection, breakwaters, and erosion control. Built from high-quality steel, this mould ensures durability, accuracy, and ease of use in large-scale infrastructure projects.



Technical specifications

Weight: 750 kg.
Volume: 1.25 m^3
Output weight: 3000 kg.

Models



Tetrapod mould 1.5T



Tetrapod mould 5T



Tetrapod mould 7.5T





Block shape clamp 80

SKU number: 3A-03-01IZ

A Block Shape Clamp is a mechanical scissor grab that operates via a crane, HIAB, or forklift without the driver leaving the cab. It minimizes movement and ensures precise positioning.
With an automatic locking mechanism, it allows quick, single-person operation, improving efficiency and safety.
Equipped with interchangeable rubber pads, it prevents slipping without leaving stains. Compatible with lorry cranes, tower cranes, and forklifts using a lifting beam.



Technical specifications

Weight: 195.00 kg
Volume: --- m^3
Output weight: --- kg

More information scan here.

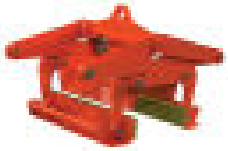
Models



Block shape clamp 60



Block shape clamp 40



Road barrier clamp



Lifting beam for clamp



Lifting beam for clamp double





Separation dividers

SKU number: 3A-03-xxxx

Separation dividers allow you to produce multiple smaller blocks using a standard concrete block mould. By inserting one or more dividers between the studs, you can create several blocks in a single pour.
Half blocks are essential for finishing straight walls but have many other uses. With a bit of creativity, dividers can help bring even the most ambitious ideas to life.



Technical specifications

Weight: 5-28 kg
Volume: --- m^3
Output weight:---kg

More information scan here.

Models



Divider 80x80



Divider 80x40



Divider 40x80



Divider 40x40



Divider Y 60x60



Divider 60x60



Divider 60x30



Divider 30x60



Divider 30x30





Slope dividers

SKU number: 3A-03-xxxx

Slope dividers create sloped blocks, which are essential for enhancing safety and efficiency in block bay structures. The 45-degree block prevents shovel damage, allowing smoother turns and reducing tipping risks, making operations safer and more efficient in industrial sites with heavy machinery. Beyond block bays, sloped blocks are ideal for retaining walls, offering a finished look and structural stability. Their angled surface ensures a smooth transition between layers, minimizing shifting and cracking, making them a practical and durable solution for various construction projects.



Technical specifications

Weight: 8-46 kg.
Volume: --- m^3
Output weight:---kg

More information scan here.

Models



Slope Divider 80x80



Slope Divider 80x40



Slope Divider 40x80



Slope Divider 40x40



Slope Divider 60x60



Slope Divider 60x30



Slope Divider 30x60



Slope Divider 30x30





Stair dividers

SKU number: 3A-03-xxxx

Our stair dividers create precast concrete interlocking stair blocks, providing a practical access solution for retaining walls with multiple levels. Designed for efficiency and durability, these stair blocks offer the same time-saving benefits as our other interlocking products.
Available in various sizes and layouts, they can be used as standalone solutions or seamlessly integrated with concrete interlocking block structures.



Technical specifications

Weight: 16-72 kg.
Volume: --- m^3
Output weight:---kg

More information scan here.

Models



Stairs Divider 80x80



Stairs Divider 80x40



Stairs Divider 40x80



Stairs Divider 40x40



Stairs Divider 60x60



Top Plates

SKU number: 3A-03-xxxx

The Top Plate is designed to create concrete blocks with a smooth top surface using a standard mould. It ensures clean and precise results, making it an essential accessory for producing blocks with a flat top.



Technical specifications

Weight: 5-28 kg
Volume: --- m^3
Output weight:---kg

More information scan here.

Models



Top plate 240x80



Top plate 160x80



Top plate 160x40



Top plate 240x60



Top plate 180x60



Top plate 180x30



Top plate 150x60



Top plate 150x30



Top plate 120x60





Concrete block turner

SKU number:3A-03-0L8T

The Concrete Block Turner is a cutting-edge solution for safe, precise, and damage-free concrete block handling. Designed to rotate blocks 90° into an upright position, this tool enhances efficiency and safety in your workflow.
By casting blocks on their side, the Block Turner allows for quick and efficient positioning, minimizing manual labor and reducing the risk of damage.



Technical specifications

Weight: 443 kg
Volume: --- m^3
Output weight:---kg

More information scan here.



Lifting anchors and accessories

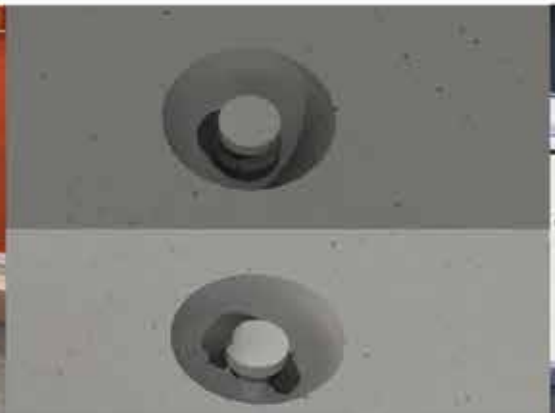














The power of 3A Steel

With our concrete block moulds, we aim to provide all our customers with a variety of high-quality products with a long life. Our products deliver numerous opportunities to solve problems and find unique building solutions that are not able to implement in the conventional way by pouring concrete.

Our innovative **“3A Block”**- branded moulds for the production of concrete blocks enable the reuse of waste and recycled concrete in concrete blocks much more easily, reducing the cost of producing the concrete blocks themselves without reducing their value, while also reducing the harmful environmental impacts.

More than 16 years of know-how in the production of concrete block moulds.

All products are designed by highly experienced engineers, produced entirely in a **complete and automated production process**, within our own production facilities.

Without any commissioners and at no extra price.
All products are delivered directly from our production facility and are shipped almost immediately after we receive the customer order.
All prices can be seen on our website and our team will be happy to help you choose the products and accessories best suited to your needs.

All production processes in our factory are managed by a modern ERP system, and all products are delivered with a unique and personalized barcode, making your mould unique and traceable.

We offer:

- A unique variety of **over 120 models of concrete block moulds**
- More than **150 additional accessories** to help you in the casting of concrete blocks
- **Best value for your money**
- Direct worldwide delivery from the manufacturer and logistical support
- Strength and durability of our moulds, proven over time.
- Precision and accuracy in casting concrete blocks with our moulds. Thanks to our **3-level internal production process quality assurance system**, we guarantee consistency and accuracy in the geometry of the moulds we produce. This ensures absolute compliance with the dimensions of the concrete blocks you will produce with our moulds.

We all believe that we produce unique, innovative and high-quality products. The guarantee for this is that our concrete block moulds are successfully used and extremely well received in so many countries and on all continents

We are happy that you have chosen us as your partners.
Thank you for your trust.



3A Block

WE ARE ONLINE

Check out our website

www.3ablock.com

HEAD OFFICE

3A BLOCK Ltd.

M +359 885 150 554
sales@3ablock.com

LOCAL REPRESENTATIVES

for more information scan here



Thanks to our 3A Block – branded concrete block moulds, we protect nature and the environment in which we live, by offering sustainable environmental solutions for reuse of waste and recycled concrete.