



Form it. Stack it. Change it. Move it.

Steel concrete moulds.



betonblock.com

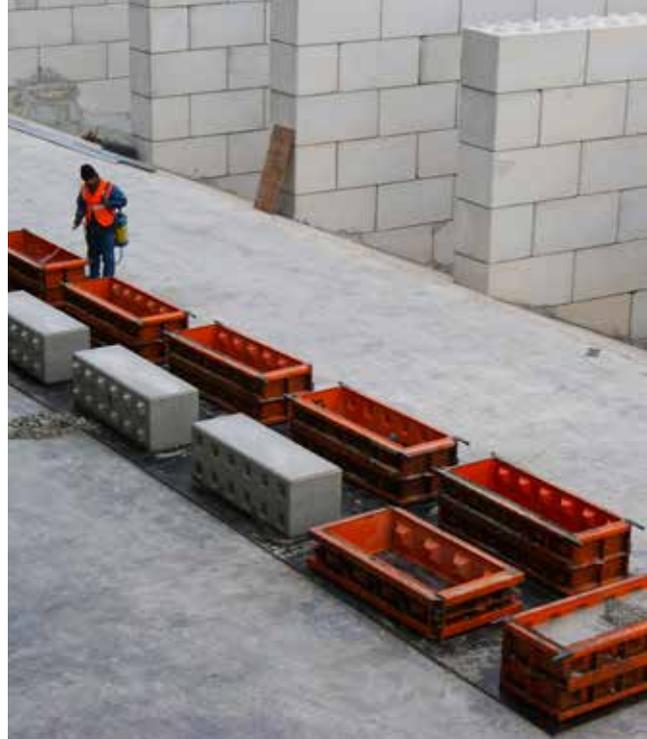
The unique Betonblock system.

WAY AHEAD OF THE COMPETITION!

There are ample opportunities now to recycle. Castable concrete can be put through a concrete reclaimer to make aggregate suitable for further concrete production. Hardened concrete can be crushed to make an excellent base material with a lot of great uses today. In both cases, you are recouping value for material that otherwise is a financial negative for you.

If you have a mountain of old concrete at your site, consider the opportunities for recycling that material!

- A sustainable formsystem
- High quality steel forms
- Extremely accurate thanks to the best production techniques
- The most stable stacking system
- Unique and extensive product range
- Production techniques ensure long-term durability
- Best price-performance ratio



Concrete block moulds.

Have you ever wondered whether there is a way to squeeze more value out of your leftover concrete? A way to create a product so convenient, so useful that customers will flock to you?

betonblock.com

Betonblock®

NO CONCRETE TO WASTE

A vital question for concrete plants is what to do with returned concrete, stockpiles of both big pieces of hardened material and loose, crumbling, unconsolidated materials. As this is a potential resource, let's stop calling it waste, but excess concrete. Have you considered batching new concrete on leftover excess concrete?

At **Betonblock®** we have the solution for excess concrete materials, which turns these potential negatives into positives for batching and recycling facilities.

What Makes The Betonblock® System So Special?

By improving production techniques and using the best materials, concrete blocks produced with our forms fit so accurately that they create a repositionable stack system that is most stable without the use of mortar. Similar to the lego system, the blocks firmly interlock to each other thanks to the studs on the top and recesses in the base of the blocks. This stability increases construction opportunities with limitless expandability, ideal for temporary and / or permanent building structures. More stability also provides more safety on the work site.

Flexible Constructions With Ready-Mix Concrete

Many concrete companies focus mainly on producing concrete blocks from new concrete. You can cast small blocks up until the last drop of concrete left in the mixer! This leaves no leftover concrete and also saves crushing costs! The demand for concrete blocks increases because just like lego, building with blocks is flexible, easy to customise at any time. It is fast, and time saves money! The blocks lend itself perfectly for dividing/retaining walls etc. in, for example, the recycling or agricultural sector, but also for the construction of warehouses and outbuildings. Urethane form liners or flex-stones can create a more decorative pattern and make for more aesthetically pleasing structures.



One Stop Shop

Since the first generation of steel forms 20 years ago, Betonblock® has been the fastest-growing system in the market today. Our product range is unique and extensive, it also contains transport accessories and a range of products to facilitate efficiency and cost effectiveness at building sites. Sustainability and product innovation are paramount in the development of new and existing products, and ensure safety on site. It is not without reason that **Betonblock®** is the proud leader in its field and delivers in over 75 countries worldwide.

So let us help to process any type of concrete you might have, whether it's new or reused! Start making blocks, pave your yard and turn that already paid for product into something else you can sell!

“

Solid steel moulds
for a good **return**
on **investment** after
hundreds of guaranteed
concrete pours”

Production.

Casting **concrete blocks** by yourself.

First, place the empty mold on a leveled surface, for example a steel plate. Apply mould oil (release agent) to the inside of the mould in order to release the mould from the block easier. The concrete must be poured gradually to ensure proper filling of the interlocks.

At the same time, you need to vibrate the concrete with the electric / pneumatic vibrating poker to ensure homogeneous compaction of the concrete. After the concrete has been leveled off, the mould is cleansed for longevity purposes of the concrete mould. The curing time depends on the concrete and the weather conditions.



CASTING CONCRETE BLOCKS YOURSELF



1 Place the mould on a leveled surface



2 Applying oil into the mould



3 Pouring the concrete



4 Vibrating



5 Leveling



6 Cleaning



7 Removing pins and wedges



8 Opening the mould



9 Output ready

Straight edge

Finish the concrete block efficiently and easily in one pass!
Quick and easy to use

Straight edge specifications

Length: 100 cm
Material: Aluminium
Double-sided H-profile
Incl. sealing caps



Transport & accessories

To simplify transport and moving of the finished products, matching transport accessories for the concrete blocks and concrete slabs have been developed.

When the block is cured, the mould is removed and the block, that is casted on its side needs to be turned into the upright position. A concrete block clamp is used to lift the cured block onto a so called BT2500 2.0 Block-turner. The engine driver then uses the remote control and the block-turner tilts the block. Alternatively, the block can also be tilted using a forklift truck and 2 tyres. Once they are in the upright position, the blocks are lifted with the concrete block clamp to put them in the right place. The concrete block clamp is connected to a forklift by either the CLA Lifting beam or a lifting chain.

The benefit of a lifting beam is to stabilize the block and prevent it from starting to swing.

The R1900 Rotator has been developed as an additional tool for the forklift truck to grip and rotate the concrete blocks to set them aside for storage and further curing. Because of the hydraulic rotation the concrete blocks can be easily maneuvered into the correct position, but the Rotator cannot be used to build a wall. It is merely a device to turn the blocks.

For the concrete slabs the LTM Lift- and turn mechanism is available that must be attached to the forklift to turn the slab in the upright position. The lifting beam can also be used to place concrete slabs.





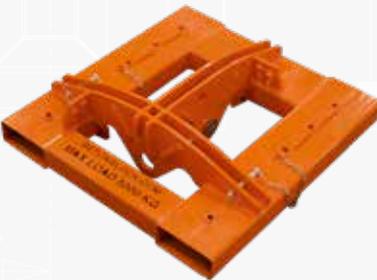
CONCRETE BLOCK CLAMP

Model	CL40/CL60/CL80
Clamp opening	20-40/30-60/40-80 cm
Lifting capacity	2000/2500/3750 kg
Own weight	± 150/175/200 kg



LIFTING BEAM

Model	CLA
Lifting capacity	5000 kg
Own weight	± 42 kg



LIFTING BEAM

Model	CLA2
Lifting capacity	5000 kg
Own weight	± 65 kg



LIFT- AND TURNMECHANISM

Model	LTM
Lifting capacity	1750 kg
Own weight	± 110 kg



HYDRAULIC ROTATOR LIFT

Model	R1900
Clamp opening	110 - 190 cm
Lifting capacity	3000 kg
Own weight	± 900 kg



BLOCK TURNER

Model	BT2500 2.0
Clamp opening	110 - 190 cm
Tipping load	2800 kg
Own weight	± 290 kg

Retaining wall moulds

The new arrival.



Retaining wall moulds, the new arrival

Retaining wall moulds are the latest addition to the Betonblock® concrete mould range. Although it is a relative newcomer, this L-shaped mould is already incredibly popular and produces a one-piece retaining wall.

These L-shaped elements are used all over the world because concrete walls can withstand all weather conditions, such as snow, ice and rain, but also cope with extreme heat. Because of their special shape and durability, retaining walls are highly versatile.

The advantages of Betonblock® retaining wall moulds

Betonblock® has been the market leader in steel moulds for concrete solutions for over 20 years, and for good reason. Our high-quality moulds are built to last and will continue to deliver for at least ten years, even if they are used to cast retaining walls day in, day out. In average conditions, concrete takes about 24 hours to cure, so all you need is one mould to produce a new retaining wall every day. For faster production time and larger projects, we recommend buying multiple moulds.

What sizes do Betonblock® retaining wall moulds come in?

Betonblock® retaining walls are available in various sizes and designs. The basic retaining wall mould is 100x100x100 cm, which can be modified with the retaining wall extension set to create a retaining wall mould measuring 100x100x200 cm. The extension set is also sold separately, so you can always extend your 1 meter retaining wall mould to a 2 meter version at a later date.

Ask our staff about the possibilities.

LM2000 specifications

Dimensions: 100x100x200 cm
Material: Steel
Form: L-shaped
Volume: 0.39 m3
Output weight: 940 kg



Lifting concrete retaining walls made simple”

Retaining wall clamp

The Betonblock® mechanical retaining-wall clamps are ideally suited for placing and transporting L-shaped retaining walls. The main benefit of the mechanical retaining-wall clamp is that it clamps itself using the weight of the retaining wall. This eliminates the need for a hydraulic connection.

CL3T specifications

Clamping range: 70–110 / 110–150
Max. clamping depth: 300 mm
Width: 200 mm
Max. lifting capacity: 3,100 kg
Device weight: 35 kg



CL5T Specifications

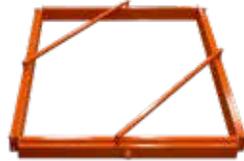
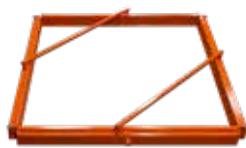
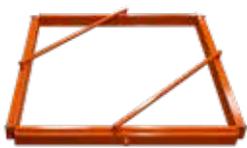
Clamping range: 80–115 / 120–160
Max. clamping depth: 750 mm
Width: 250 mm
Max. lifting capacity: 5,000 kg
Device weight: 100 kg

Paving the Dutch way

With concrete slab moulds.

Since more than 50 years, concrete slabs are commonly used as paving on industrial premises in The Netherlands because slabs do not sink in (on a good surface and when well positioned). The benefit is that the industrial slabs are laid quicker than paving stones, and are very easy to remove. Concrete slabs are ideal for temporary and / or permanent paving.

This unique system is used for parking spaces, in the transshipment, recycling and agricultural industry, the infrastructure and (road) construction sector.



200.200.16

Model 200.200.16
Size 200.200.16cm
Volume 0.64 m³
Output ± 1536 kg

200.200.14

Model 200.200.14
Size 200.200.14 cm
Volume 0.56 m³
Output ± 1344 kg

200.150.16

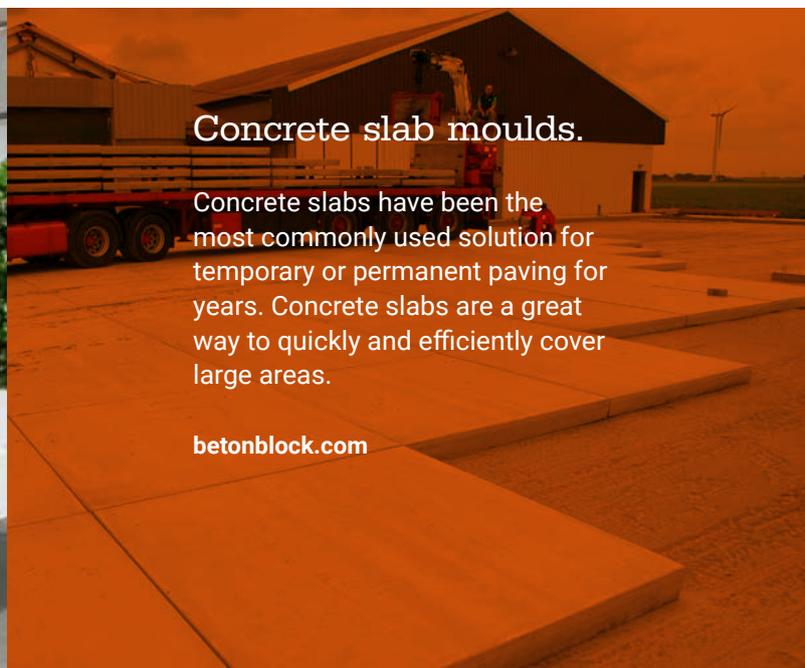
Model 200.150.16
Size 200.150.16 cm
Volume 0.48 m³
Output ± 1152 kg

200.100.16

Model 200.100.16
Size 200.100.16 cm
Volume 0.32 m³
Output ± 768 kg

300.200.20

Model 300.200.20
Size 300.200.20 cm
Volume 1.20 m³
Output ± 2880 kg



Concrete slab moulds.

Concrete slabs have been the most commonly used solution for temporary or permanent paving for years. Concrete slabs are a great way to quickly and efficiently cover large areas.

betonblock.com



Vacuum slab lifter

Place and move slabs efficiently.

Laying concrete slabs has never been easier!

Thanks to the Betonblock® vacuum slab lifter, concrete slabs are efficiently, safely and easily transported and placed at the desired location. Due to the powerful suction capacity, a concrete slab that is not completely level is no problem, so the slabs do not have to be 100% clean either.

The vacuum lifter is mobile thanks to the Hatz diesel engine and can be operated manually via the 2-button secure remote control.

The slab lifter can be attached to a forklift using a Betonblock lifting beam (CLA) (supplied without lifting beam).

VL17 Specifications

Dimensions of suction cup: 800x900 mm

Maximum lifting capacity: 1,700 kg

Mobile thanks to the Hatz diesel engine

Secure remote control

Including lifting eye





Barriers

Innovation

Betonblock® identifies with its customers. That is why we continuously work on improvement of design and workability, to better respond to the customer's needs and to keep offering the best quality for the best price. Our product range extends regularly in order to better facilitate working processes at the production site, or to offer new construction possibilities. For example, standard size moulds can now produce multiple size or different shaped blocks thanks to the diversity in moveable dividers. This reduces the necessity to buy several moulds and it saves purchasing costs for the customer.



200.54.90-JB*

The Betonblock® barrier is a modular concrete barrier employed to separate lanes of traffic. The blocks interlock to each other and are designed to minimize vehicle damage in cases of incidental contact. Barriers are also used to reroute traffic and protect pedestrians.



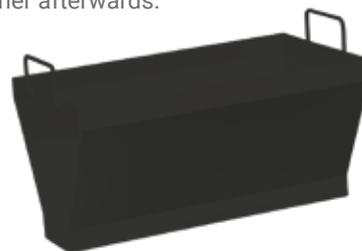
200.54.90-JBCON*

Profiles placed in the mould during construction create blocks that can be coupled to a free rotation angle of 22.5 degrees.



200.54.90-CP

This set of steel profiles for the 200.54.90-JBCON is placed in the mold before casting the concrete so that the barrier blocks can be connected to each other afterwards.



JBF - EASY BARRIER FILLER

Filling the barrier is a lot easier with this handy funnel shaped filling aid.

* The partition is now also available separately.
 DV200.54 Divider barrier + floorplate (4) + FLS (2).
 DV200.54 JBCON Divider barrier + floorplate (4) + FLS (2).

Tetrapod Moulds

Coastal engineering.



In coastal engineering, a tetrapod is a concrete structure used as armour unit on breakwaters.

A tetrapod's shape is designed to dissipate the force of incoming waves by allowing water to flow around rather than against it, and to reduce displacement by allowing a random distribution of tetrapods to interlock.

Earlier barrier material used in breakwaters, such as boulders and conventional concrete blocks, tended to become dislodged over time by the force of the ocean constantly crashing against them. Tetrapods and similar structures are often numbered so any displacement that occurs can be monitored.



PLACING ANCHORS IN STEPS



1 Place the magnet in the center of the mould



2 Place the rubber around the anchor, place the anchor in the magnet



3 The anchor is cast in its entirety, be careful when vibrating the concrete



4 When the mould is opened, the magnet remains in the mould



5 Remove the rubber from the anchor, only the top is now visible



6 Attach the hooks to the anchors and the block is ready to be lifted



BBHA025-170

BBGR002



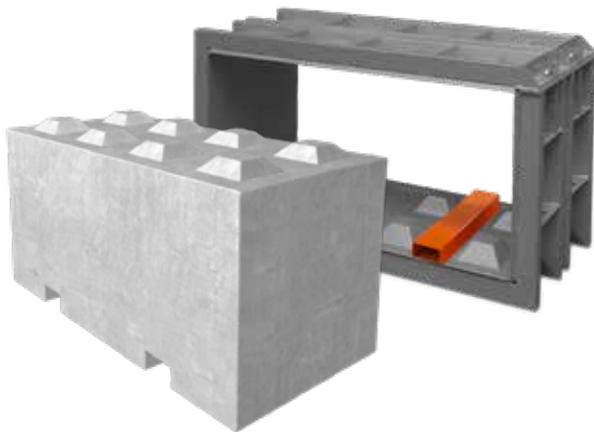
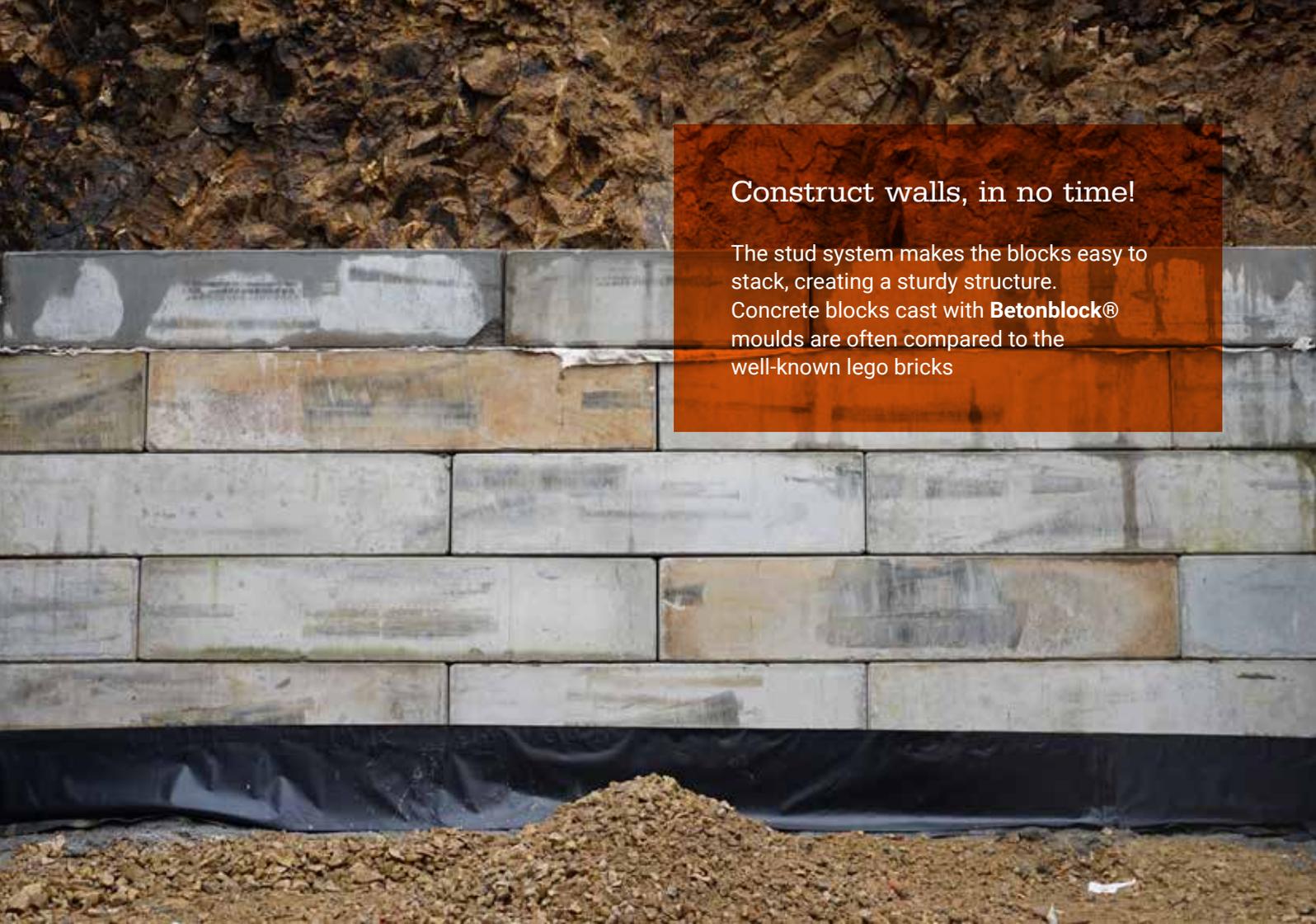
BBMAG02

BBLSE02



Construct walls, in no time!

The stud system makes the blocks easy to stack, creating a sturdy structure. Concrete blocks cast with **Betonblock®** moulds are often compared to the well-known lego bricks



FLS30
30 cm



FLS40
40 cm



FLS60
60 cm



FLS80
80 cm

Forklift sleeves

Forklift recess profiles are used in, for example, blocks that are used in road blocks, or for the disposal of water.



Manufacturing

And warehousing.

Betonblock® is all about getting its customers high-quality products quickly and efficiently.

Products are delivered from stock and often shipped on the same day. Transparency is paramount, all prices are listed on our website and our team is happy to help you choose the most suitable product and matching accessories.

Betonblock® is proud of the quality of its products and services. On a weekly basis, new stock arrives from our manufacturing plant. We keep sufficient stock to be able to quickly respond the same day, as buyers expect their orders shipped immediately after payment. We ship daily at competitive shipping rates.



Innovative system, satisfied customers.

Since we introduced our first generation of steel moulds 20 years ago, our innovative, easy-to-use design has made major waves.

In fact, the Betonblock® system is the fastest-growing system in today's market. It can be said Betonblock® is the market leader in this field for a reason, with more than 7,500 customers in 75 countries worldwide.

Our customers appreciate our high-quality products and fast delivery from our large stock. Powered by years of close cooperation with contractors and experience with concrete products, we can respond quickly to customers needs and wishes.



Betonblock® acknowledges the significance of durability.

Thanks to the special attention to the finishing of the products, and the better production processes, our products need less maintenance and are less subject to wear.

At our production site, the choice for Trumpf laser-, punching- and bending machines was evident. They make for the most accurate production process to ensure we meet high quality standards.

CONCRETE BLOCK MOULDS LARGE STUDS

OUTPUT



160.80.80

Model 160.80.80 (lxwxh)
Size 160x80x80 cm
Volume 1.024 m³
Output ± 2400 kg

160.80.40

Model 160.80.40 (lxwxh)
Size 160x80x40 cm
Volume 0.512 m³
Output ± 1200 kg

160.40.80

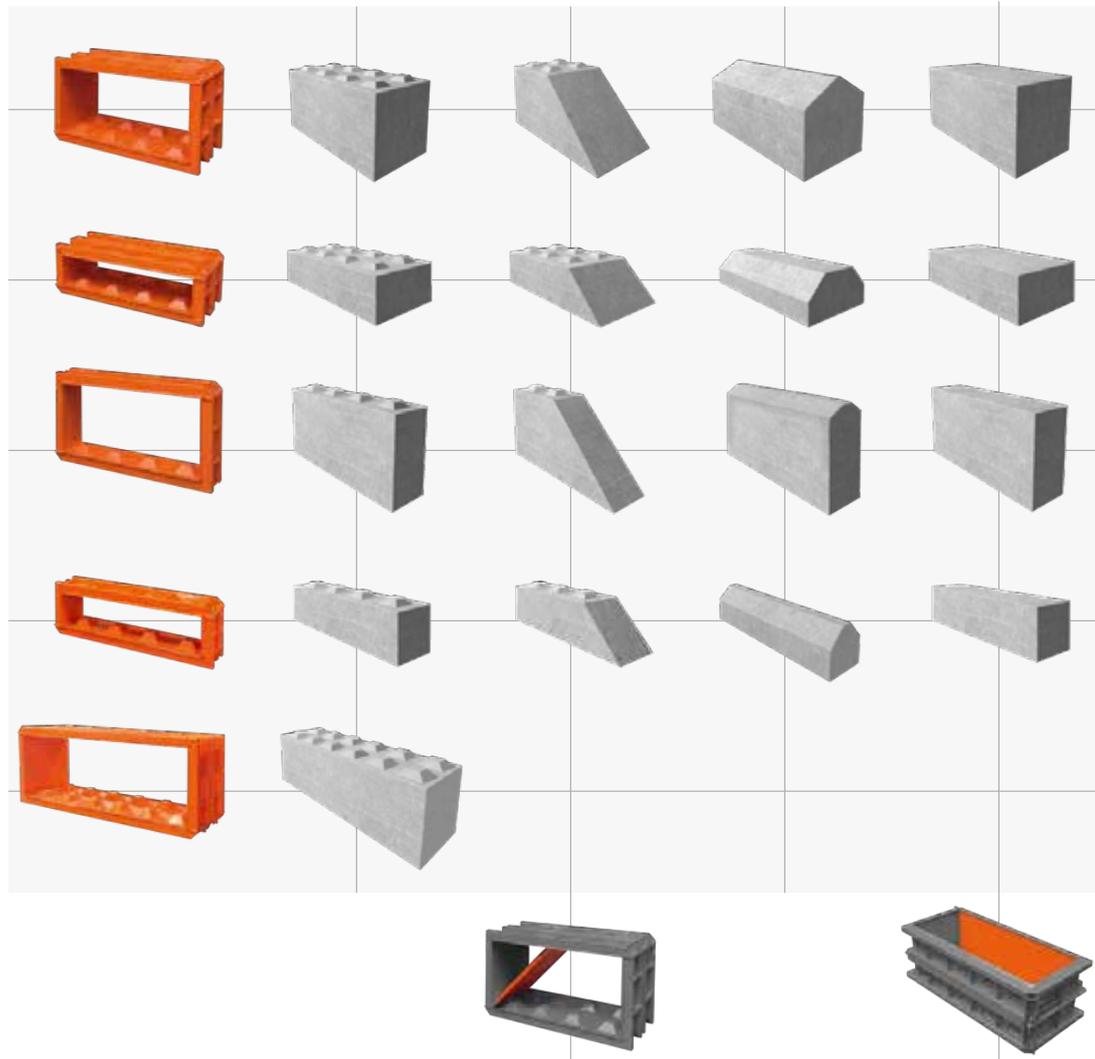
Model 160.40.80 (lxwxh)
Size 160x40x80 cm
Volume 0.512 m³
Output ± 1200 kg

160.40.40

Model 160.40.40 (lxwxh)
Size 160x40x40 cm
Volume 0.256 m³
Output ± 600 kg

240.80.80

Model 240.80.80 (lxwxh)
Size 240x80x80 cm
Volume 1.536 m³
Output ± 3686 kg



RA-24L

The Betonblock® Form Oil Sprayer is an extra robust version with a tank capacity of 24 liters. A full tank is pressurized one single time with a compressor, using 6 to 8 bar, which allows to spray the oil into multiple moulds without having to manually pump, until the tank is empty.



BBOIL-20L Release agent

Concrete release agent ensures that there is no adhesion between the hardened concrete and the formwork.

- Prevents rust formation on moulds
- Contains a corrosion inhibitor
- Good resistance to rain
- Leave the concrete mold perfectly clean
- Contents 20 liters





BASIC-S



BASIC-R



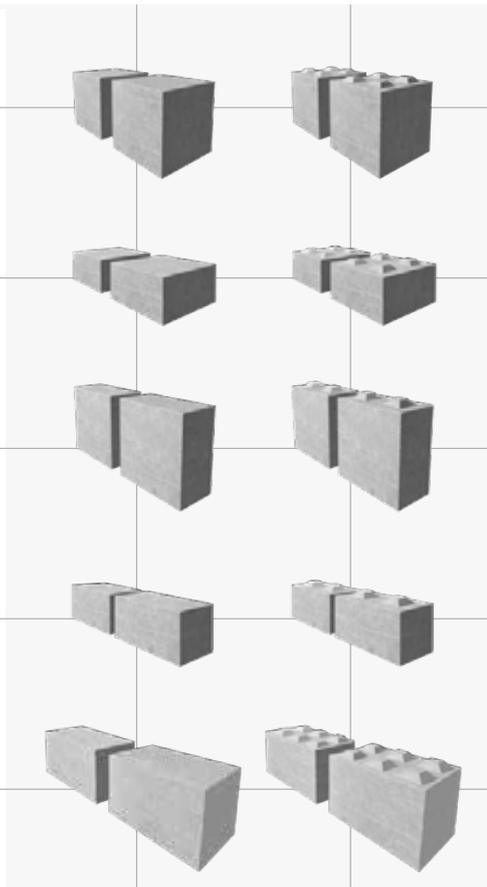
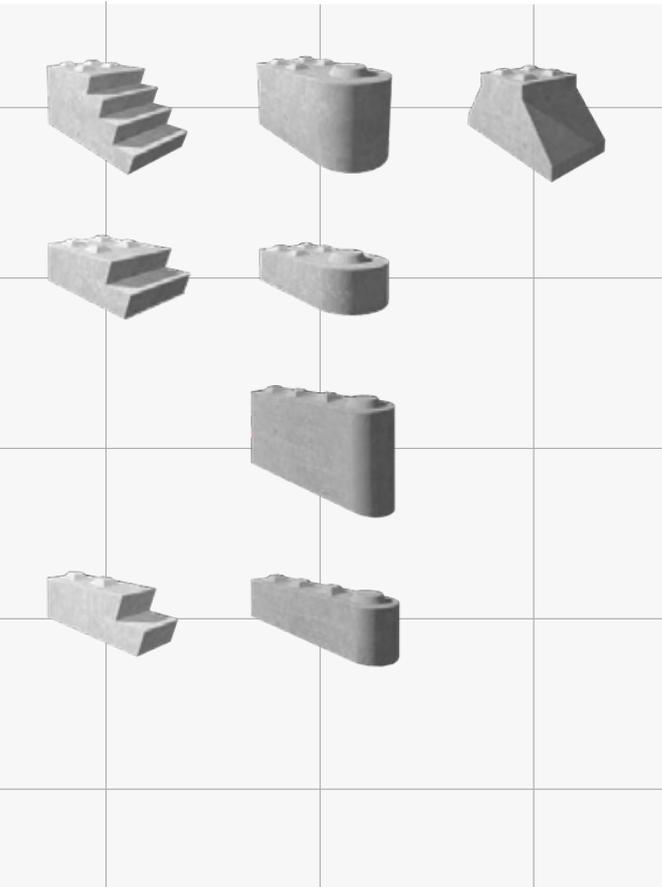
BASIC-W



DIVIDER BASIC-00



DIVIDER BASIC



Model **DV.80.80**
Model **DV.40.80**
Model **DV.40.40**



CONCRETE VIBRATOR

The Betonblock concrete vibrator is a manageable, light weight poker (approximately 6 kg.) for compacting all kinds of concrete. The drive unit (230V/115V – 1 phase) drives the flexible shaft at a speed of only 4.000 rpm. Thanks to its pendulum system, the poker realises 12.000 vibrations per minute and this together with a high amplitude ensures an excellent compaction of any type of concrete.



CASTING TABLE

The pouring of a concrete block or barrier should always take place on a flat surface, for example a steel plate. Our casting table is ideal for concrete blocks and barriers, thanks to the adjustable feet with which a smooth product can always be poured regardless of the condition of the surface.

CONCRETE BLOCK MOULDS

SMALL STUDS

OUTPUT



BASIC

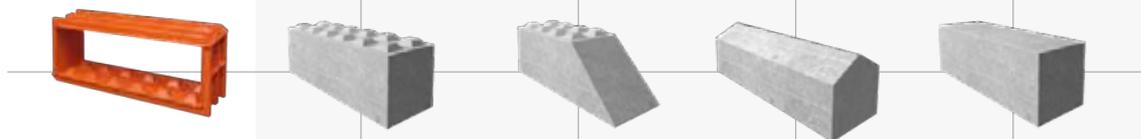
BASIC-45

BASIC-T

BASIC-00

180.60.60

Model 180.60.60 (lxwxh)
 Size 180x60x60 cm
 Volume 0.648 m³
 Output ± 1550 kg



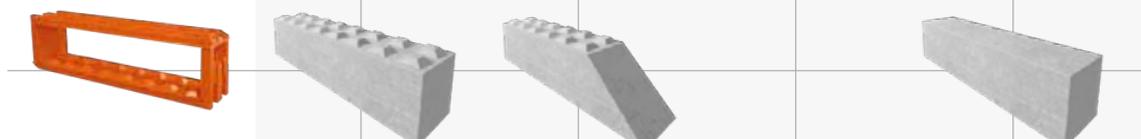
150.60.60

Model 150.60.60 (lxwxh)
 Size 150x60x60 cm
 Volume 0.576 m³
 Output ± 1300 kg



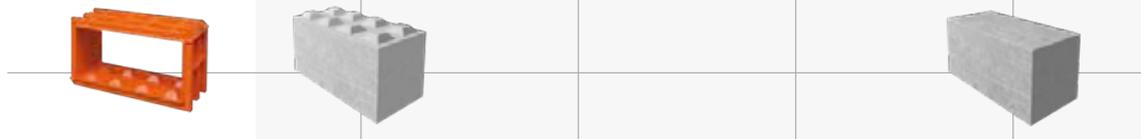
240.60.60

Model 240.60.60 (lxwxh)
 Size 240x60x60 cm
 Volume 0.885 m³
 Output ± 2075 kg



120.60.60

Model 120.60.60 (lxwxh)
 Size 120x60x60 cm
 Volume 0.444 m³
 Output ± 1040 kg



180.30.60

Model 180.30.60 (lxwxh)
 Size 180x30x60 cm
 Volume 0.324 m³
 Output ± 775 kg



150.30.60

Model 150.30.60 (lxwxh)
 Size 150x30x60 cm
 Volume 0.288 m³
 Output ± 650 kg



180.60.30

Model 180.60.30 (lxwxh)
 Size 180x60x30 cm
 Volume 0.331 m³
 Output ± 775 kg



150.60.30

Model 150.60.30 (lxwxh)
 Size 150x60x30 cm
 Volume 0.276 m³
 Output ± 648 kg



180.30.30

Model 180.30.30 (lxwxh)
 Size 180x30x30 cm
 Volume 0.262 m³
 Output ± 387 kg



150.30.30

Model 150.30.30 (lxwxh)
 Size 150x30x30 cm
 Volume 0.138 m³
 Output ± 323 kg





BASIC-S



BASIC-R



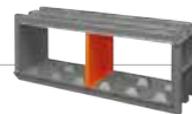
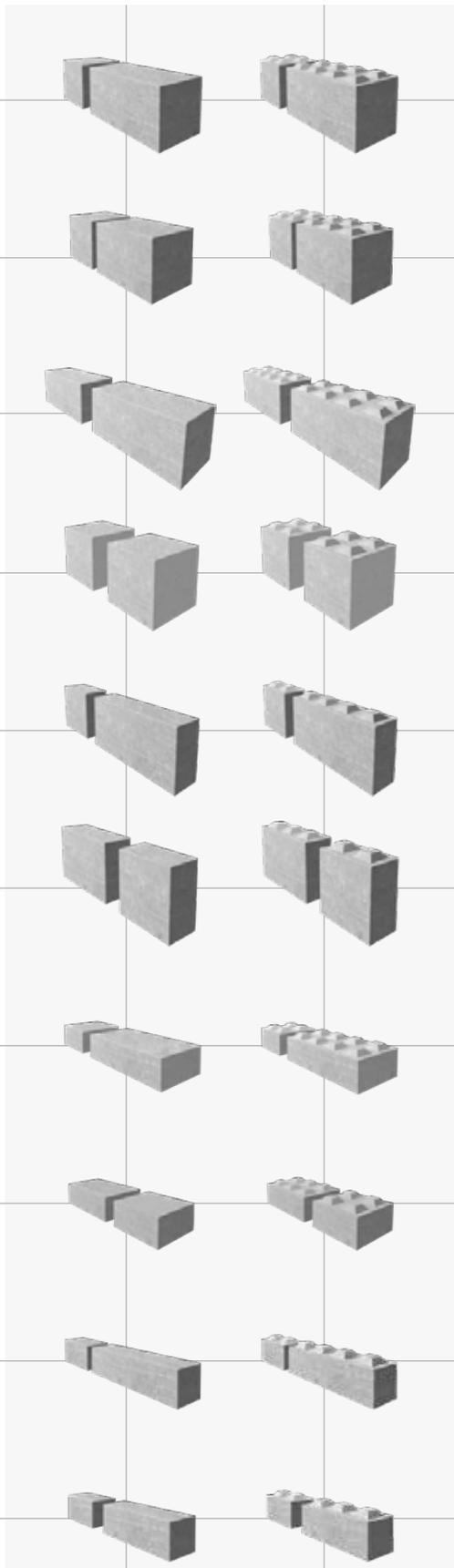
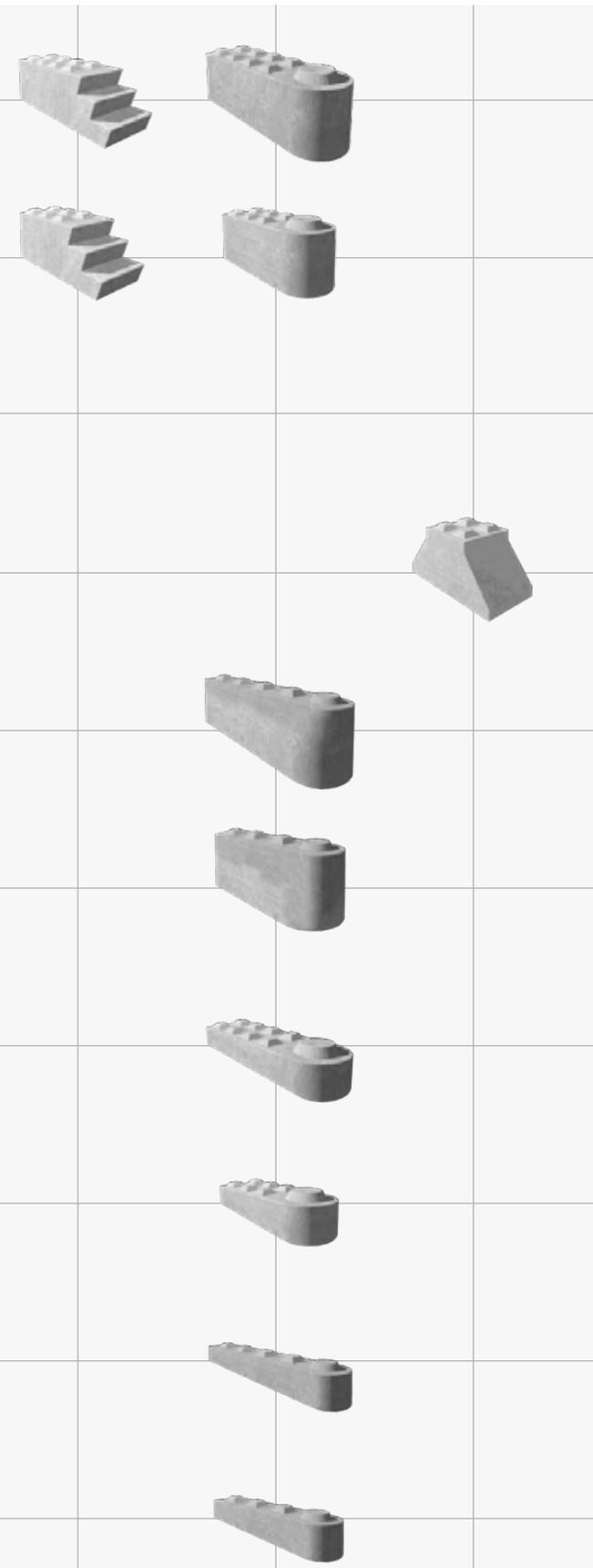
BASIC-W



DIVIDER BASIC-00



DIVIDER BASIC



Model DV.60.60
Model DV.30.30
Model DV.30.60





Over 7500 Customers



Safety

Concrete blocks are the most simple and effective method to fence off an area. Many cities and governments are using blocks as a border between traffic and pedestrian zones to offer citizens a feeling of safety when walking besides a busy road. With a weight of 2400 kg per block they dissipate a prominent No Go zone. Besides that it is fastest way to create and alter a demarcation in a very short period of time.

>7500 Customers

With customers spanning across more than 75 countries, Betonblock's innovative concrete block solutions have found widespread appeal in various projects.



In more than 75 countries.



Betonblock worldwide

Want a free quote or more information about our products?
Fill out the form on our website www.betonblock.com.

If you want contact with a local representative please visit
the [local-representatives](#) page on betonblock.com.

Betonblock®

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High-pressure cleaner

Complete set, start cleaning.

High-pressure cleaner specifications

Working pressure: 230 bar	Water tank: 1,000 l
Maximum pressure: 270 bar	Fuel: gasoline
Water yield: 960 l/h	Incl. dirt blaster and water filter

High-pressure cleaner

The mobile Betonblock® high-pressure cleaner is ideal for cleaning concrete blocks and related products.

The high-pressure cleaner is independent of power or water connections and can be used anytime and anywhere thanks to its gasoline engine. Fill the water tank with 1,000 liters of water and transport the Betonblock® pressure washer on a trailer to the desired location on the construction site or concrete plant. You can start cleaning right away!



Betonblock®

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Local representatives

To find your local representative please scan the QR-code and find one near you on our local representative web page.
No dealer near you? please contact info@betonblock.com

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