

Massfeller in his element:

BETON2GO

FRESH CONCRETE AT THE TOUCH OF A BUTTON

The concrete filling
station for self-collectors



BETON2GO

MASSFELLER



Company
foundation

1938

Relocation to the
Herschbach industrial area

1970

Extension by
concrete transports

Manufacturing of concrete
mixing systems

1993

2001

Start of concrete
production

2005

Production of
precast concrete
parts

The Concrete Experts

As an owner-managed company, we are right at your side. We are well-versed with everything around "concrete".

The name MASSFELLER **stands for tradition and innovation** in "concrete" issues. Since the company foundation in 1938, the Herschbach site is the central hub in the family and corporate history. As a traditional third-generation firm, the company initially started with wood and quartzite transport – in 1970, concrete transport was added.

In 2001, the first proprietary concrete mixing system was put into operation, which laid the foundation for **different company strategies in concrete production**. The company's innovation and expansion policy could only be achieved by the high-quality standards in concrete production and of the services provided. Today, more than 80 employees on a 25,000 m² site provide quality products from concrete ... and the company continues to evolve. As of 2021, the factory premises will be expanded by 50,000 m². Our core areas are:

**Our high competence
in concrete certifies:
Growth for three generations – growth also for
you as our customer!**

- ✓ **Ready-made** concrete from various own concrete mixing systems
- ✓ Development, production and delivery of **pre-cast concrete parts**
- ✓ **BETON2GO-filling station:** Development, construction and sales
- ✓ Own **operation** of several **BETON2GO filling stations**
- ✓ **Services** for **BETON2GO customers**, as a **strong partner in the building materials trade**



Concrete is an accomplishment of contemporary people.

It is our passion to make even more of it.



2009

Launching of
concrete mixing
system 2

2014

Launching of
concrete mixing
system 3

2016

Launching of concrete
mixing system 4, 5 and 6 specially
designed for minimum quantities

2018

Construction of a new production hall
Changing name of M & B Vertriebs GmbH
to Massfeller Beton2Go GmbH

2022

Construction of a new
production hall and
office building



A part of our company premises at the Herschbach site in the Westerwald.



As a family-owned enterprise, we maintain customer proximity!



Peter Massfeller

"We are proud to be constantly expanding and modernising our production site in Westerwald. We would like to continue along this path in Herschbach in the future."



Lukas Massfeller

"We as the third generation must retain values and advance the family-owned business for our customers. BETON2GO for self-collectors has the highest priority."

Concrete at the touch of a button: BETON2GO – the solution for self-collectors



Simple and fast – for you and your customers

Your customer chooses the required amount from 0.15 m³ of various types of concrete and screed. You are the expert in building materials who advises him about the respective application. Simply drive the vehicle with the trailer under the discharge belt and start the mixing process using a chip card or QR code. Within two or three minutes, the fresh concrete is transported over the conveyor belt directly into the transport container.



Have a look at our Facebook application video



The entire system is integrated in a safety concept certified by DEKRA.

The **water supply** can be provided by a 1,000 litre tank (IBC), so a water connection on the system is not absolutely necessary.

Cement silo (30 m³)

Mixing module

Galvanised gravel storage 1 and 2

Galvanised gravel storage 3 and 4 (optional)

Conveyor belt

A profitable future with **BETON2GO**

Expand your range of construction materials with Beton2Go.

Dry-cleaning procedure (20 minutes, once a day)

1. Freeing the mixer arms from concrete adhesions, e.g. with a Simplex hammer or a scraper
2. Coarse material (8-16) is mixed by the mixer; residual concrete is rubbed off by the material and absorbed
3. Output of the mixture over the conveyor belt
4. Mixing in the cleaning material makes recycling possible
5. Spraying the mixer arms with mixer protection

The advantages at a glance: quick and easy

- ✓ Acquisition of new customers, boost in sales, improved customer loyalty
- ✓ Environmentally and personnel friendly **dry-cleaning method** → that yields savings of more than € 200 / month
- ✓ No costs incurred for water and disposal costs thanks to dry-cleaning
- ✓ Low maintenance and cleaning expenses
- ✓ Up to 100 different recipes enable a wide range of concretes
- ✓ Only an electrical connection is required
- ✓ Sale of small amounts starting at 0,15 m³ with a maximum batch of 0,5/1 m³ per mixing operation
- ✓ Little space required → 80 m² with a double chamber system; 100 m² with a four-chamber system (including manoeuvring space)
- ✓ Processing of recycled materials
- ✓ Planetary mixer enables a **perfect mixing result** with a short mixing time
- ✓ 30 m³ cement silo silo with VEGA level measurement in real time
- ✓ Electro-hydraulic mixer closure
- ✓ Modular design allows for **flexibility in putting the system up and for the integration of new elements** in existing systems



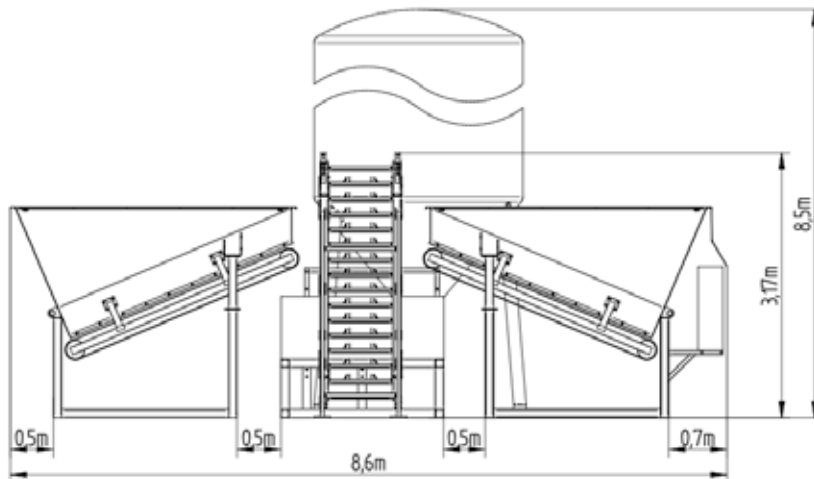
Offer the "time saving Beton2Go"-added value to your customers and earn their loyalty.

Fast and individual: BETON2GO

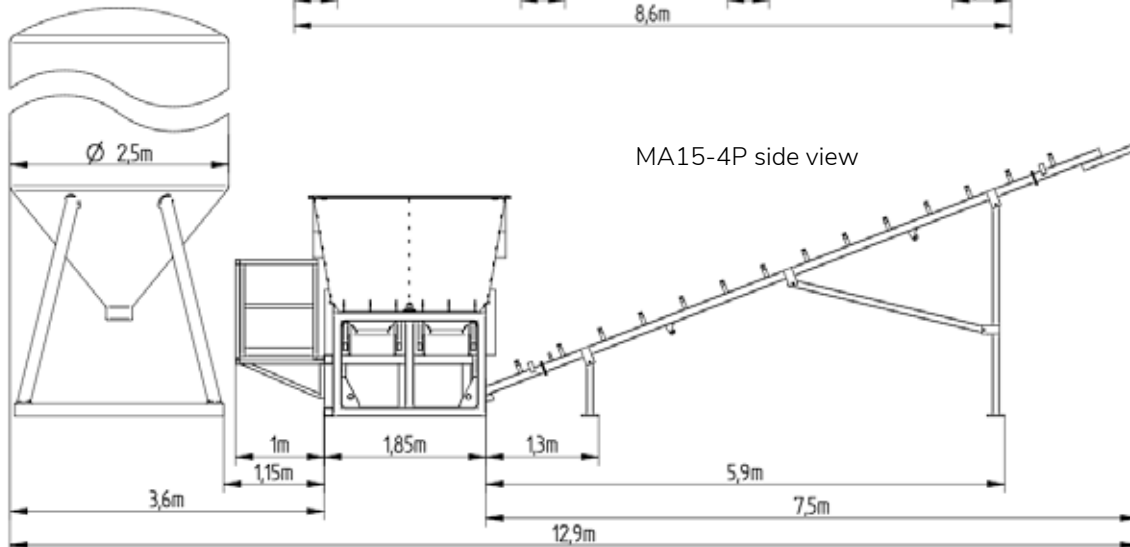
Configure your system individually

The modular design of our concrete filling stations allows for custom-tailored configuration that meets your requirements and spatial conditions to the "T". The heart of the system is the mixing module. A planetary mixer with a mixing capacity of **0.5 m³ or 1 m³ per batch is available**. You determine the size of your cement silo. You can opt for a **standard silo of 30 m³ or enlarge the volume to 33 m³**. The standard silo is equipped with a cement dust filter and a VEGA level measurement. The

size and number of storage hoppers are also custom-tailored to match your requirements. You can choose between **two or four chambers with 3,5 m³ each**. Optional attachments **expand the volume to 5 m³ each**. Loading is possible with shovel widths of up to 3,200 mm, expandable to 3,500 mm. The discharge conveyor has a standard **length of 8 m** and ends with a discharge height of 2.90 m. Optionally, the conveyor belt can be **extended to 11 m**; then it achieves a discharge height of 4 m.

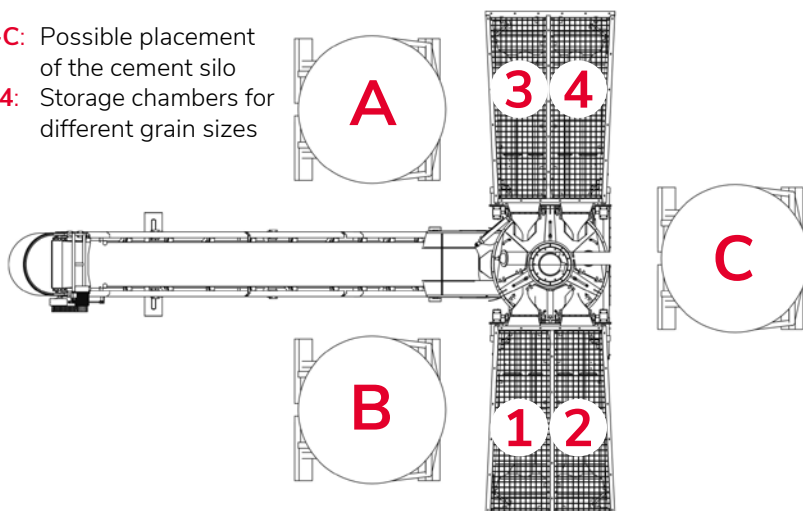


MA15-4P front view



MA15-4P side view

- A-C: Possible placement of the cement silo
- 1-4: Storage chambers for different grain sizes



» In just four hours, a custom-made concrete filling station is set up – no matter if inside your hall or at your outdoor premises. «

Step-by-step configuration according to your requirements and wishes:



Cement dust filter



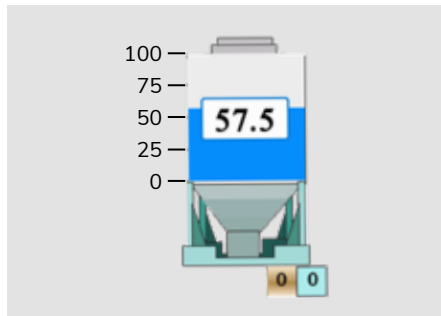
Belt conveyor



Dosing units with attachments



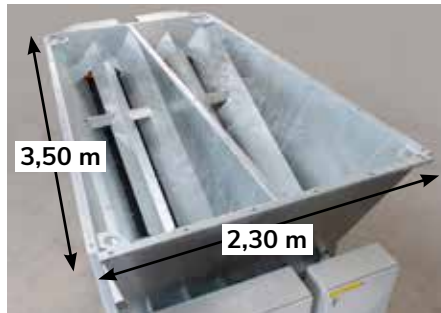
Planetary mixer with wear tiles



VEGA level indicator



Extra large and numerous mixer openings



Storage chamber (with specified depth and width for loading)



The modular design allows for flexible configuration and quick installation and disassembly

Technical data of the equipment variants

Variant	MA 15-2P	MA 15-4P	MA 30-2P	MA 30-4P
Batch size	0,5 m ³		1 m ³	
Volume of the mixer	0,75 m ³		1,5 m ³	
Required power input	28 kW		48 kW	
Hourly output	up to 15 m ³		up to 30 m ³	
Electrical fuse	32 A		63 A	
Diameter of planetary mixer	1900 mm		2600 mm	
Size of storage hopper	3,5 m ³	3,5 m ³	3,5 m ³	3,5 m ³
Required installation space	approx. 80 m ²	approx. 100 m ²	approx. 80 m ²	approx. 100 m ²
Filling height of storage hopper	2,47 m		2,57 m	
Shovel width for filling	3,2 m (optional 3,5 m)			
Grade of wear parts	chrome hard casting / chromium carbide (HRC 54 – 58)			
Cement silo	30 m ³ (optional 33 m ³)			
Number of mixer arms	4		6	
Concrete recipes	up to 100			

The building material kiosk – our solution for your requirements profile

Fresh concrete – convenient and fast at the push of a button, regardless of which solution you opt for.

Our building materials kiosk is 100% operated by your customer autonomously – he can shop without having to contact the advisor personally, thus saving a great deal of time.

Your customer chooses the type and the amount of concrete on the touch screen on his own. **Individual quantities are possible.**

After the order process is complete, a QR code is created. It is printed and then read in over a scanner to the controller of the concrete filling station. Done!

Payment is made right on the terminal by EC or credit card; or else via a stored customer account after verification by RFID chip and PIN entry.

The building material kiosk – do-it-yourself, no personnel expenses for you



All advantages at a glance:

- ✓ Sales extending beyond office hours
- ✓ Non-contact sales – no need to have staff available
- ✓ Saving of personnel costs
- ✓ Flexible design of range and prices
- ✓ Integration of third-party products (e.g. border stones, cobblestones)
- ✓ Innovative customer loyalty tool
- ✓ Independent of location
- ✓ Expansion to a webshop in the works
- ✓ Integration in ERP system

All advantages for your customers at a glance:

- ✓ Flexible purchase of goods
- ✓ Enormous savings in time
- ✓ Intuitive and simple ordering process
- ✓ Convenient and fast ordering process for regular customers with RFID chip
- ✓ High security standard with a 2-factor authentication (RFID chip and pin)
- ✓ Transparency of order quantities

This is how it works – our **building materials kiosk** step by step



1. Selection of products



2. Confirmation of the shopping cart



3. Select method of payment



3.1 EC or credit card



3.2 Purchase on-account for existing customers

Individual consulting:
Make an appointment now at
+49 2626 - 5166.

4. Complete purchase and receive a QR code

All components of the package at a glance



Conversion of the concrete filling station to QR code control

- ✓ Installation of PC and QR code scanner
- ✓ No need for magnetic card control any more



Counter terminal for indoors

- ✓ Creation of individual QR codes after the ordering process
- ✓ Including printer



50 RFID chips

- ✓ Customer verification
- ✓ 2-factor authentication by entering the PIN



Installation of the building material kiosk

- ✓ Creation of unique QR codes
- ✓ All components are integrated in a safe enclosure for outdoor use
→ protected against vandalism
- ✓ Independent of location
- ✓ Including voucher printer and bank card reader
- ✓ Electrically lockable

100% control of your system: Monitoring of filling levels, error messages and statistics

The entire system is controlled via the touch screen. Whether changes to recipes or quantities; statistics about the concrete types; the activation of individual components; or checking the filling level – everything is possible here. If desired, the control can be integrated in your company network.

Certified safety concept: protect your employees and customers

The personal safety of your customers when operating the system and of your employees during cleaning and maintenance is our highest priority.

This is the reason our **safety concept** for our Beton2Go filling station **has been certified by DEKRA**.

This concept allows for the operation of the systems in areas that are not fenced in or separated. A **certified safety concept** is of particular importance when a system is operated by untrained personnel (e.g. your customers).

In the event that an employee or customer enters a **restricted area** while the filling station is in operation, **several safety switches** shut down the machine immediately. Once somebody leaves the restricted area again, production goes on **without any delay or any accumulation of waste products**.



Performance level (PL) e



◀ The entire system is integrated in a safety concept certified by DEKRA.

Consulting is our strength

Our MASSFELLER consultants
will also gladly visit you at
your site.

Phone us:
02626 – 51 66



More service, greater customer loyalty – come on board our Beton2go.

How do we integrate Beton2Go in your company?

Simple: Just give us a call, and we'll show you how
it's done. And after the installation of the system,
our Service is always there to support you.

BETON2GO

MASSFELLER



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