



Wir sind Fliegl.



**Made in
GERMANY**

**40 Jahre
Betonmischtechnik
made by Fliegl**



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website.
www.fliegl-baukom.de

Your mobile mixing unit
Fliegl BTS
THE MOBILE MIXING PLANT



www.fliegl-baukom.de



»Made in Germany – made by Fliegl«

...Quality from the off.....



Paint preparation with shot blasting



Final assembly of concrete filling stations



In-house switch cabinet assembly and programming of electronic controls



Modern paint shop – optimum surface protection for your new system



Maximum weldseam quality thanks to high-tech welding robots.



Production video

...with state-of-the-art production

Thanks to the new, ultra-modern plant in Mühldorf, even more customers can benefit from innovative and practical Fliegl solutions.

As well as Fliegl Bau- und Kommunaltechnik, the complex is also home to Fliegl Agrartechnik and Fliegl Dosiertechnik.

Approximately 350 employees work across the 30-hectare site of the company headquarters. The new plant boasts cutting-edge manufacturing facilities for the production of thermal push-off vehicles, water tankers, tippers and concrete mixing technology.



The sophisticated tube and sheet laser systems allow us to process even complex elements with maximum speed and precision.



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Ready-mixed concrete from your own filling station

Boost the attractiveness of your site



Park a suitable transport vehicle under the conveyor.



The required concrete type is mixed fully automatically in the system's mixing module...



...before being transported to the transport container/ vehicle via the belt conveyor.



The retarder ensures that your customer has time to transport and process the concrete.

The self-service concept

- + Small consumers can use this self-service system to quickly and easily obtain concrete for unreinforced components. This applies particularly to „professional small consumers“ (gardening and landscaping, fencing, stone setting, mining DIY) who already come to collect shaft rings, kerbstones or paving stones, for example. „Professional small consumers“ can now conveniently procure freshly mixed concrete at the same location.
- + Your customer purchases the required quantity and type of concrete from the sales counter. He then receives a chip card or barcode. After parking his vehicle in the correct location, the customer can operate the „concrete filling station“ himself.

- + The benefits to both parties are clear to see: The plant operator benefits from an additional means of serving the customer base. Small volumes from 0.15 to 3.0 m³ as well as convenient opening hours on weekdays and Saturdays are another positive aspect of the concept.



Video ansehen

- + In developing the system, utmost importance was attributed to its **mobility**. The aim is to minimise protracted approval procedures. The finished system requires a setup area of 80 m².

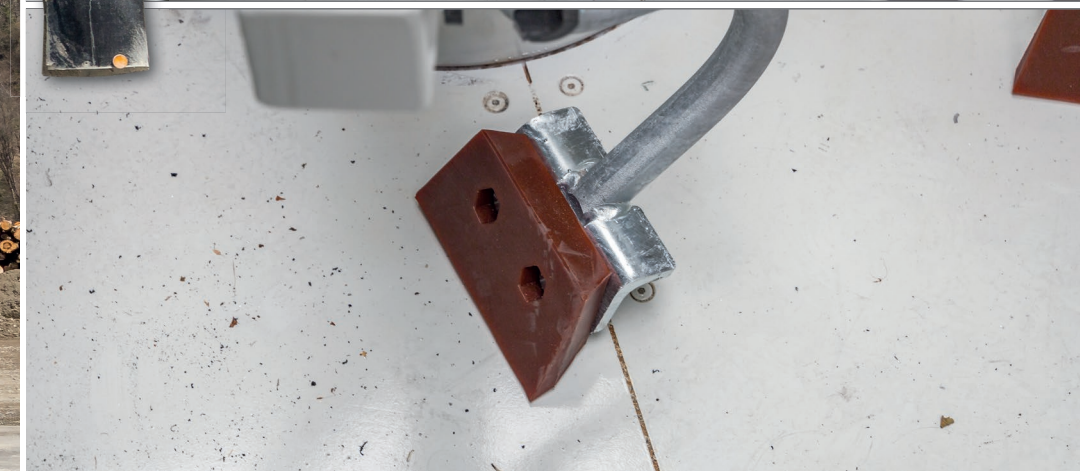
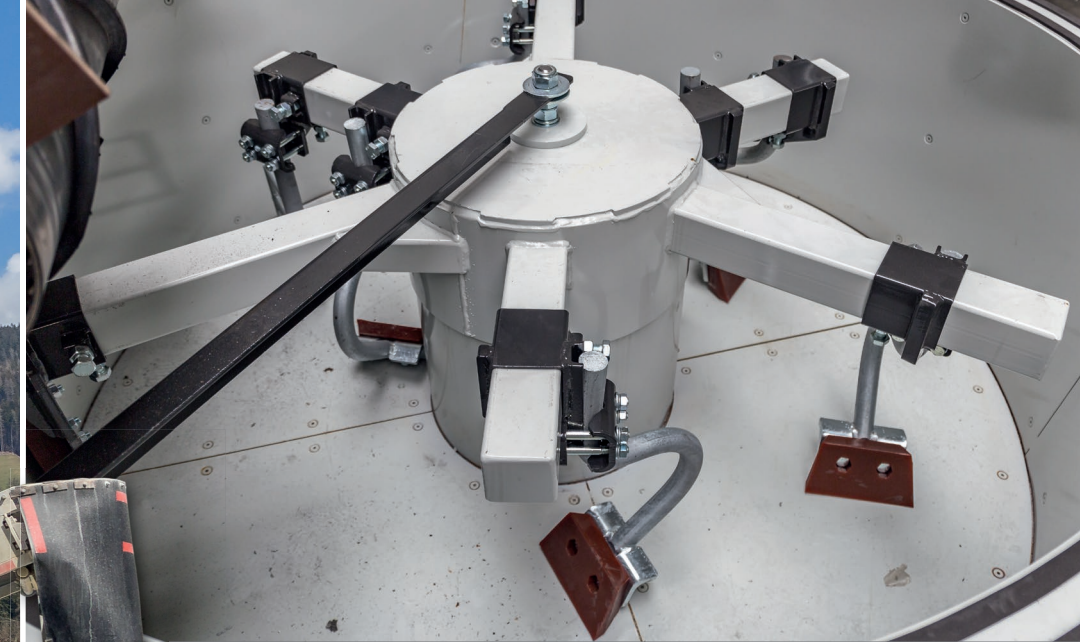
Easy to clean

Automatic dry cleaning

Adjustable time, material and volume. The cleaning material remains in the mixer and is automatically reused for the next mix.

Main cleaning as dry cleaning

The system is cleaned using gravel, which binds the concrete, without the addition of water. After the cleaning process, the material is discharged via the conveyor and is fully reusable.

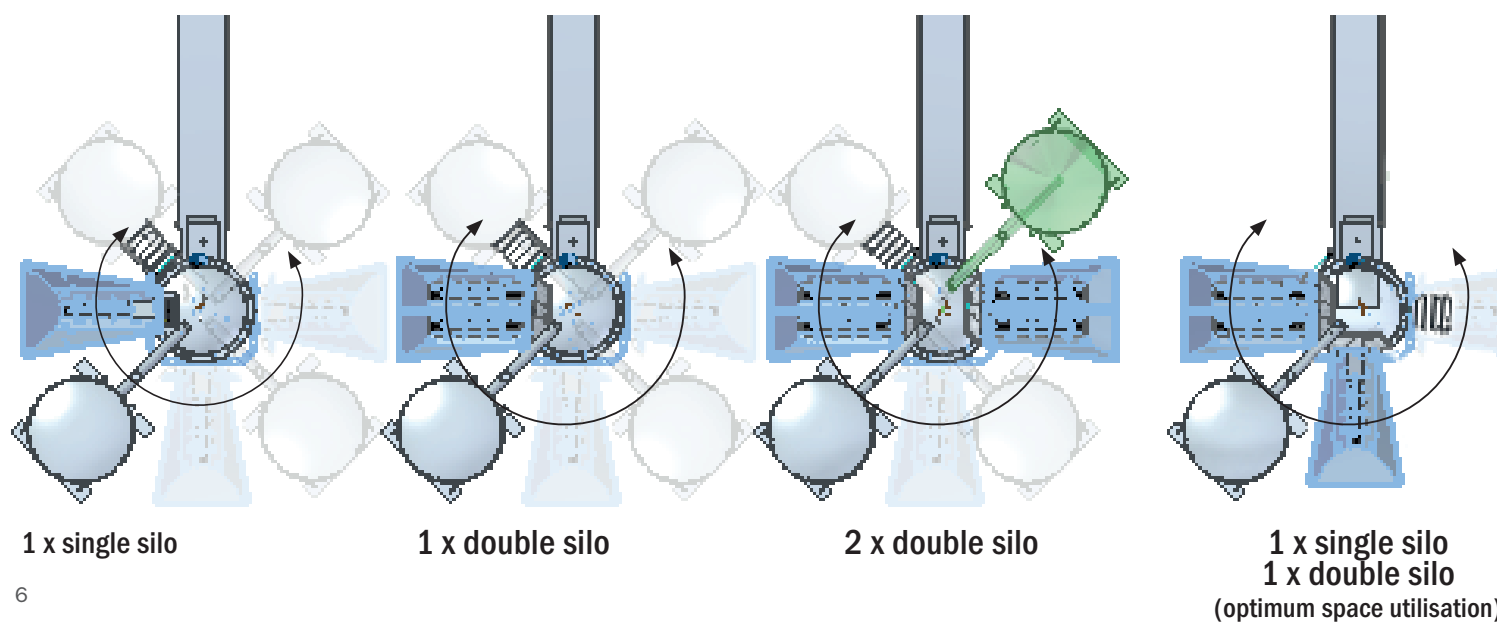
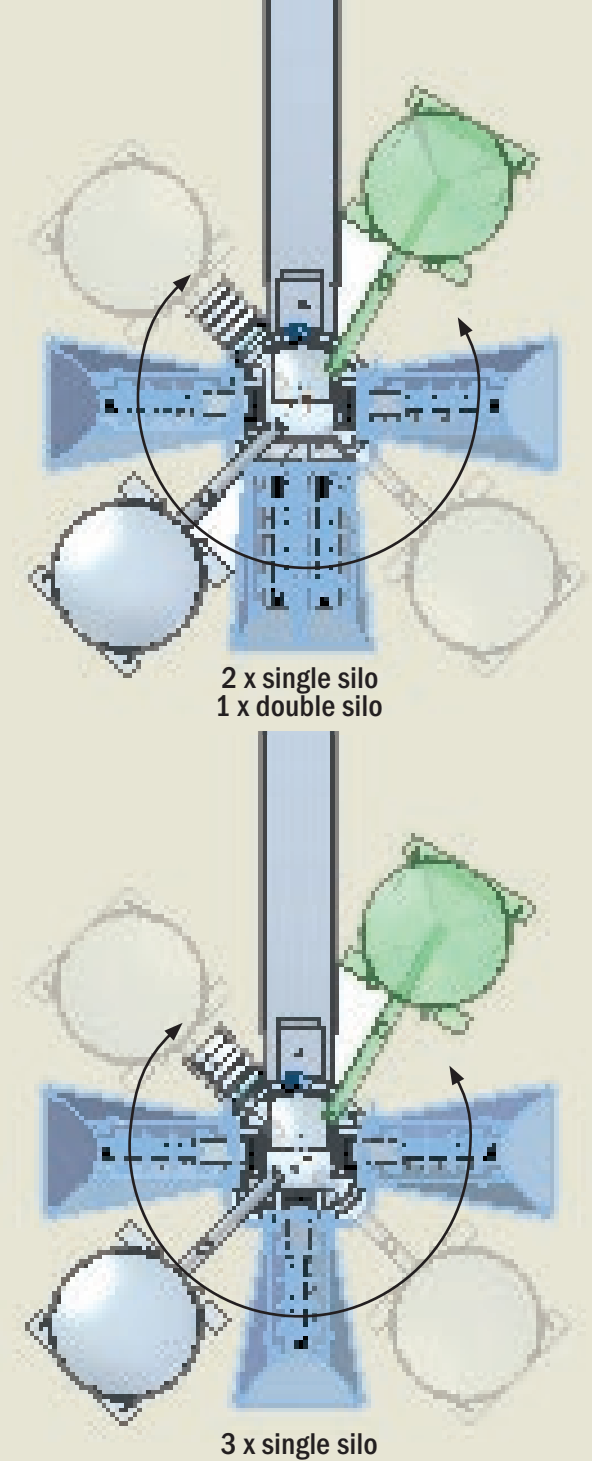


Benefits

- + **Mixing performance:**
Approx. 15 m³ per hour or 25 m³ per hour
- + **Space requirements:**
From 80 m², without passive storage
- + **Minimal cleaning requirements:**
Once daily (evenings), a self-cleaning system operates in between
- + **Mixing duration:**
Approx. 2-3 min. per batch
- + **Concrete types:**
Different recipes from up to four main fractions, from up to two silos / cement types and up to two additives (retarder and plasticiser).
- + **High number of agitating tools**
Resulting in unrivalled mixing performance in the shortest possible time
- + **Mixing tools:**
Made from wear-resistant polyurethane
- + **Extra large cleaning opening**
- + **Large panelling made from highly wear-resistant steel**
Bolted, easily replaceable
- + **Minimal noise production**
Thanks to high-quality PU agitating tools
- + **System meets the highest safety standards**

Modular construction

You have a wide range of setup options, tailored to your local circumstances and space conditions.



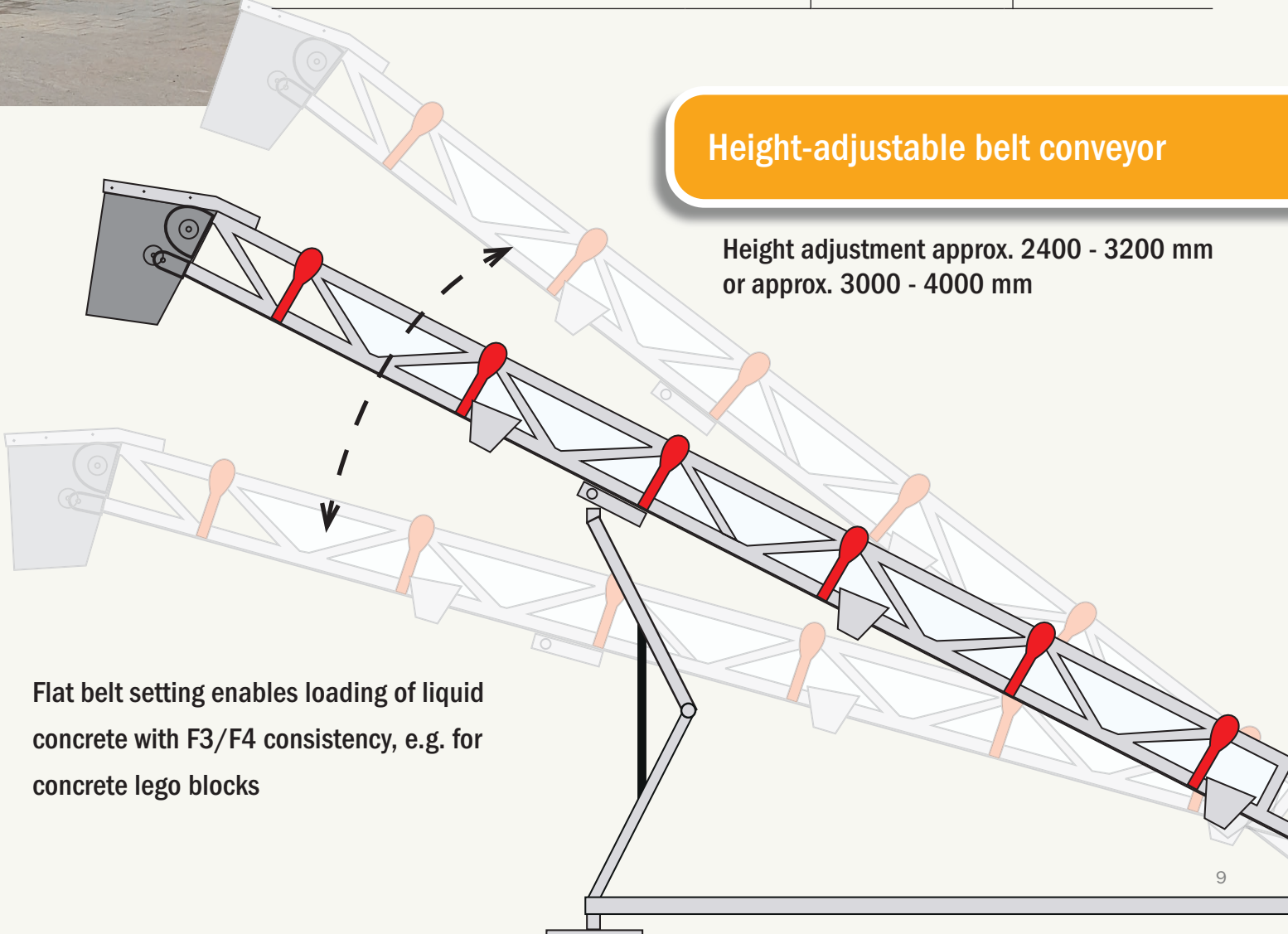
Reap the benefits of single silos!

- + Extra large silo capacity of approx. 4 m³ or 5.5 m³ sand/gravel per single silo
- + Reduces the time needed for refilling
- + No risk of accidental mixing of components when filling the storage silos
- + Very low loading edge of storage silos
Filling height approx. 2600 mm
- + Extra wide filling width for large wheel loader buckets
Bucket width up to approx. 3200 mm
- + 1 metering belt per silo

For all business sizes

Technical data and equipment

| TYPE | | 500 | 1000 |
|---|---------|--------------------------|--------------------------|
| Pan mixer | | 0,5 m³ | 1,0 m³ |
| Mixing performance in m³/hour | approx. | 15 | 25 |
| Powerful drive motor for high mixing performance | | 15 kW | 45 kW |
| Power requirement | | 45 - 60 A | 125 A |
| Frequency inverter | | Optional | Standard |
| Fully automatic control | | Standard | Standard |
| Volume with double silo | approx. | 2 x 2,6 m³ | 2 x 2,6 m³ |
| Volume with double silo + attachment plate | approx. | 2 x 3-3,5 m³ | 2 x 3-3,5 m³ |
| Volume with single silo | approx. | 4 m³ | 4 m³ |
| Volume with single silo + attachment plate | approx. | 5,5 m³ | 5,5 m³ |
| Cement silo with 27.6 m3 for approx. 30 - 35 t Optional XL Silo: 32.6 m3 for approx. 35 - 38 t | | Optional (on request) | Optional (on request) |
| Belt conveyor 7000 mm Optional 10,000 mm | | Optional (on request) | Optional (on request) |



Filling up at your concrete filling station

Network connection as standard

- Any number of systems can be controlled via a on-site PC in the company network
- Remote maintenance facility
- Network standard for existing PC technology

Removable touch control module (standard)

Any number of concrete types can be selected or the recipes modified via the control module.

RFID chip cards for card reader

With ten different types of concrete to choose from, the customer simply selects his required type and quantity and is then provided with a corresponding chip card. Your customer then positions his vehicle or trailer under the belt conveyor. Your customer inserts the chip card into the reader. The chosen concrete is created fully automatically in the mixing module of the system before being loaded onto the vehicle.



BTS setup video

Setup

Quick and simple assembly at your site. The system is quickly operational, allowing you start mixing the required concrete.

QR code package + customer cards (optional)

- Unlimited number** of concrete types and mixing ratios/ recipes as well as individual output quantities
- Fully automatic start of production after scanning the QR code
- Master data management for collection customers. Simple recalculation of orders and construction projects
- Digital delivery note dispatch

Customer cards / „fuel cards“

- Employees are assigned individual PINs
 - Direct selection of concrete type and quantity at the system
 - Digital delivery note dispatch
- Reduced personnel costs for system owners
- Significant time savings for collection customers



Upgrade to debit card terminal



QR code package XL (optional)

Including receipt printer

The different options

Customer card

The employee places the customer card on the RFID reader



He enters his 4-digit PIN



Selects the mix and quantity



Confirms the transaction, initiates the mixing process and takes his receipt*



QR code collection slip

You can create a collection slip with QR code via a web interface



After you have entered the order data, a collection slip is created for each order item



The collection slip is billed at the till and handed back to the customer **



The customer scans the QR code at the machine terminal and starts the concrete mixing



* Only with QR code package XL / otherwise digital receipt sent to customer

** Optional digital receipt dispatch to customer



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BTS customer statement