



Automatic Cleaning Systems for the concrete industry

WALTER
next level cleaning



SIMPLE | SAFE | CLEAN



**MADE
IN
GERMANY**

WALTER cleaning systems – simply clean solutions

For more than 40 years, WALTER has been well known to the worldwide concrete industry for high-quality cleaning systems. Already in the second generation of leadership, our family-run company is managed by Marc Ingelfinger, a mechanical engineer, and his sister Julia, with a degree in business studies. Together with our team of more than 60 staff members, WALTER designs, builds and services our robust and efficient cleaning systems.

With a focus on R&D, use of new technologies, and a high degree of vertical integration, we are able to realize concepts for standard and customer-specific solutions. Through close contact to the end

user, we make sure to create resource-friendly, sustainable and durable equipment. In North-America, we have factory-trained service technicians and highly-efficient partners to guarantee your systems remain in top working order. We know a large number of small, mid-size, and large customers in the concrete industry rely on this fact, and we won't let you down!

Globally, WALTER is headquartered in Ochsenbach, Germany, where all of our systems are manufactured. In 2023, we opened WALTER Cleaning Systems USA, Inc. in Charlotte, NC to provide our North American customers quicker turnaround on systems, parts, and service.

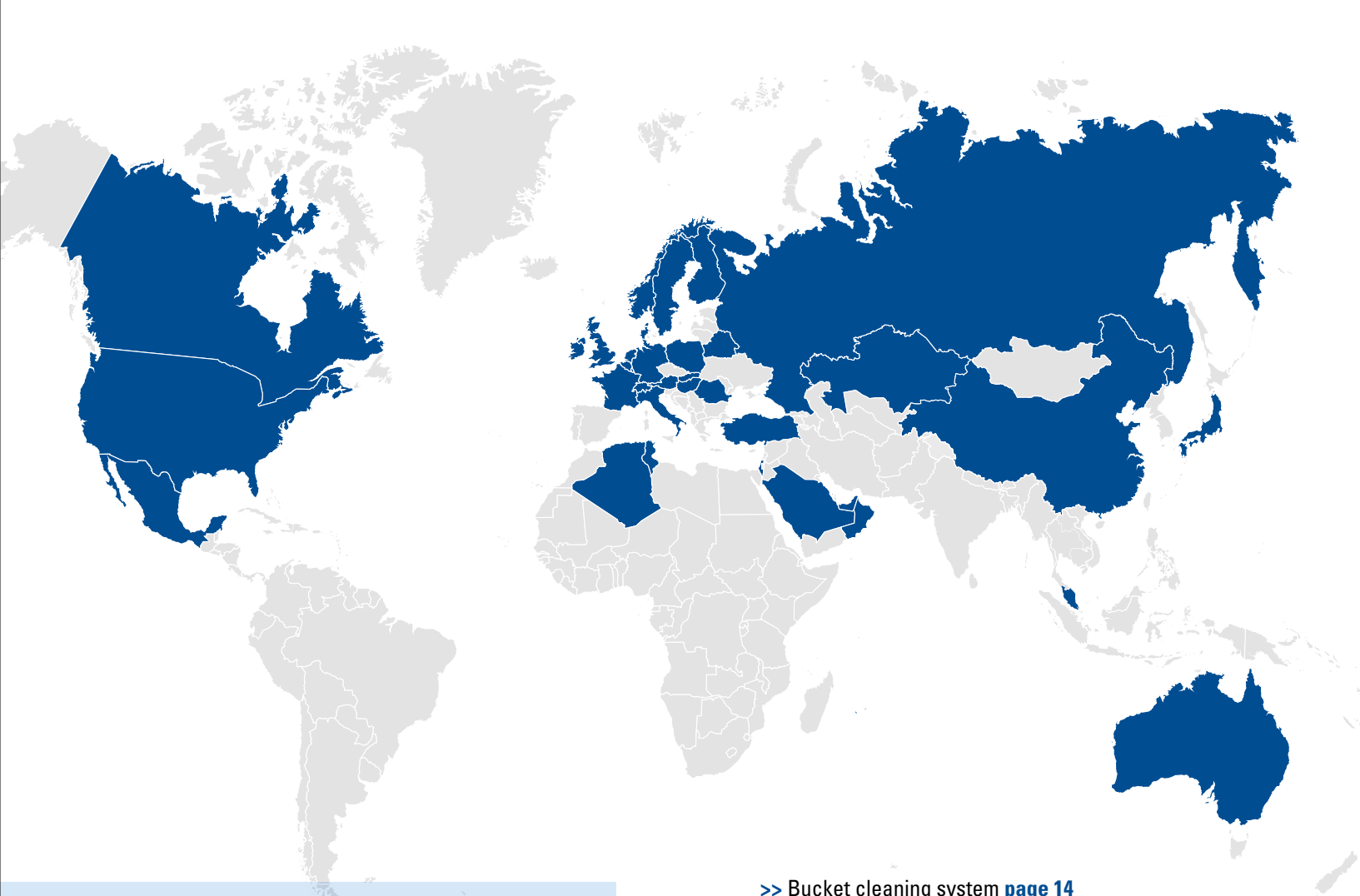
Solutions for ready-mixed concrete plants



>> Automatic mixer cleaning [page 4-9](#)

>> Inside cleaning for truck drum mixers [page 10-11](#)

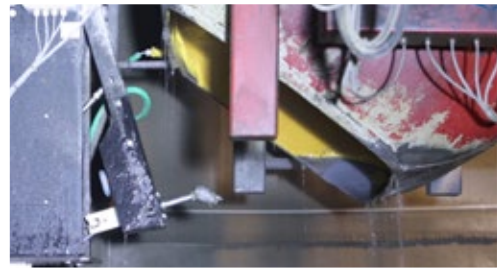




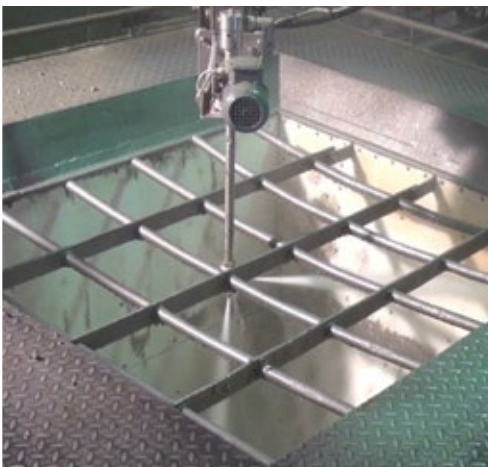
WALTER worldwide

- Installations in more than 60 countries
- more than 1200 installed systems
- more than 40 service partners worldwide

>> Bucket cleaning system [page 14](#)



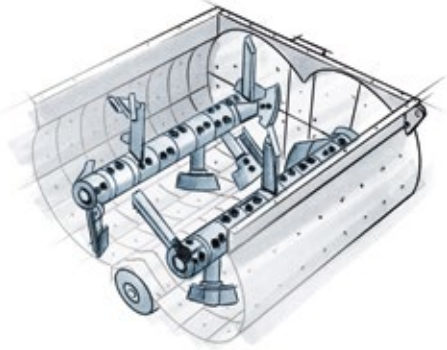
Solutions for the concrete precast industry



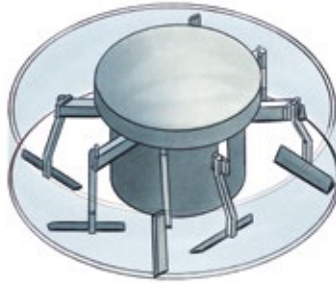
>> Distributor cleaning system [page 15](#)



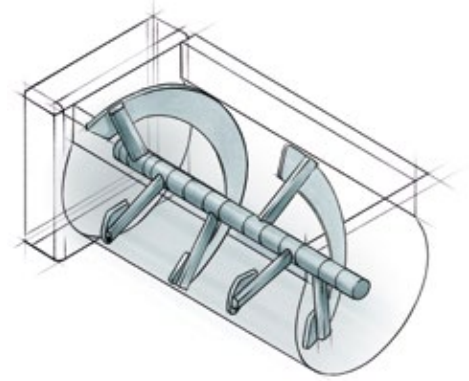
Solutions for all concrete plants



twin-shaft mixer



planetary/pan-type mixer



single-shaft mixer

■ **MADE**
■ **IN**
■ **GERMANY**

Investing in a **WALTER** cleaning system repays itself in less than 24 months!

- **Increased production capacity**
less cleaning time = more production!
- **Improved concrete quality**
no leftovers from previous batches or dried up chunks in new batches
- **Reduced maintenance and repair costs**
a clean mixer is a healthy mixer!

Customer feedback



"The installation of the mixer cleaning system was quick and simple. The mixing plant was ready for operation again after less than 1 day. Since then we have benefitted from the shorter cleaning times and the mixer just simply gets cleaner."

"The working time of our mixing engineers is limited to 10 hours per day. Thanks to the WALTER cleaning system we can now use more of this time for mixing and less for cleaning. The manual after cleaning now only takes us less than 5 minutes."

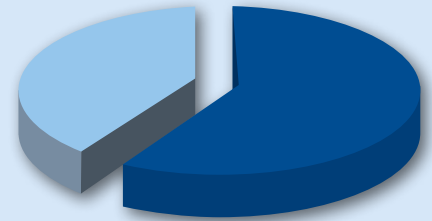




twin-shaft mixer before and after cleaning

- **Active prevention of work-related accidents**
no more entering the mixer for cleaning purposes
- **Simply clean!**
quick, safe and simple automatic cleaning cycles, lasting a few minutes only

WALTER installations



■ retrofits
■ new (new mixers)

"Our WALTER cleaning system has been cleaning our twin-shaft mixer since 1996. Now we have decided to retrofit our second mixer with the WALTER system. Thanks to the short cleaning time of 10 minutes we can now use the mixer more frequently at peak times."

"I'm responsible for the safety in our plants in southern Germany. What convinced me is that WALTER has a consistent safety concept that can be integrated into any mixing plant."





Why choose WALTER?

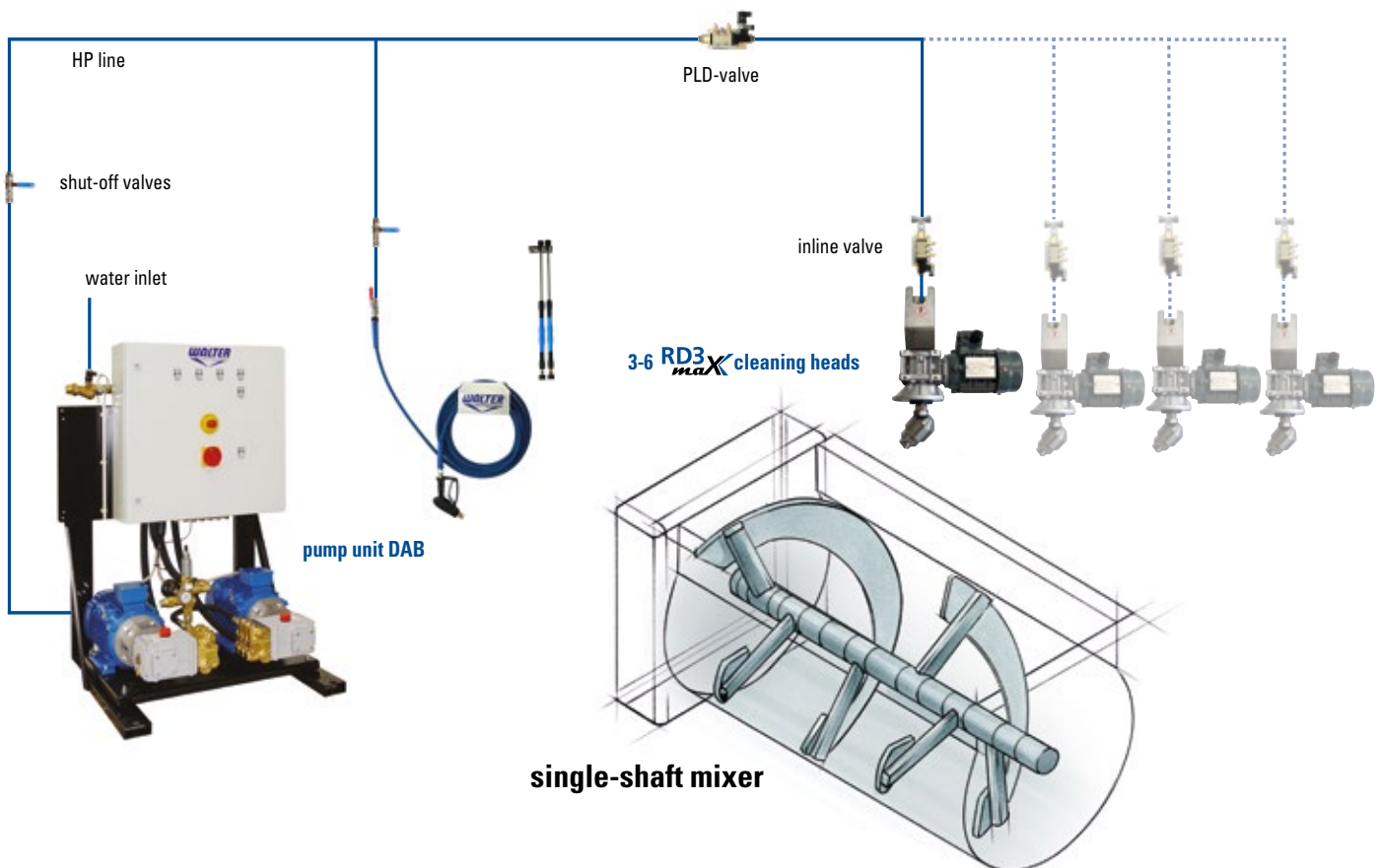
Automatic cleaning systems from WALTER offer solutions for all cleaning tasks in the concrete industry. With our system you **reduce** the **cleaning time** and thus **increase** your **profitability and productivity**.

The robust construction of our components, particularly our **RD3_{max}** cleaning heads, is designed to meet the requirements of the concrete industry. You invest in an instrument that is reliable and always ready for use.

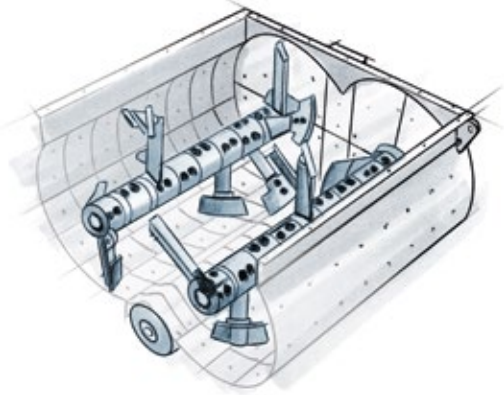
Safety is big for WALTER! Our **specialized WALTER PLD components** will ensure a **safe operation** of the mixer's cleaning system and required safety levels (PL/SIL) can be reached. No matter if it's an old mixer or new one – WALTER will clean it safely!

Your mixing plant supervisors will appreciate the **higher safety standards** reached and the **improved working conditions** – they will never want to operate a mixing plant again without a WALTER cleaning system in place!

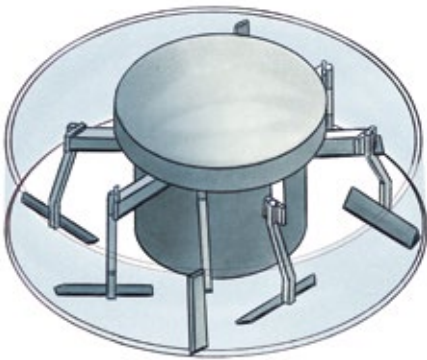
Construction of a WALTER cleaning system



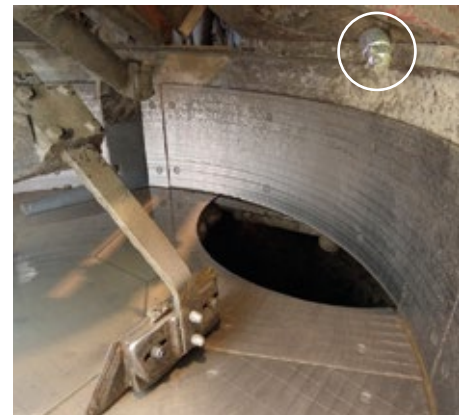
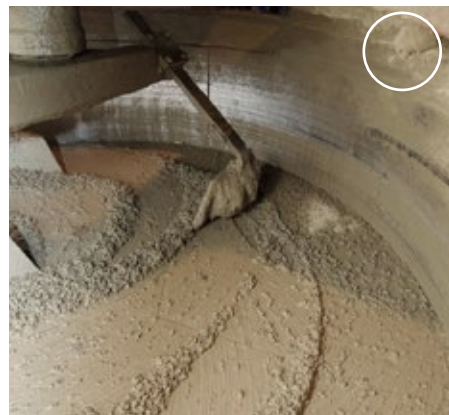
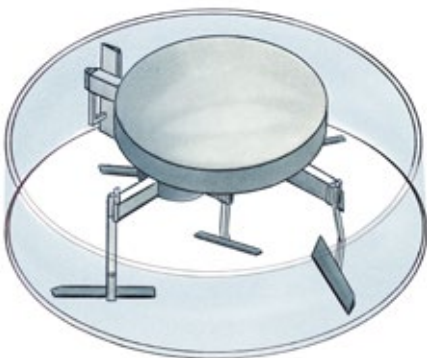
Installation examples



twin-shaft mixer before and after cleaning



pan mixer before and after cleaning



planetary mixer before and after cleaning

High-performance pump units



A2-B – for pan and planetary mixers

Technical data A2-B:

Delivery capacity: 13 gpm
Operating pressure: 1600 psi
Motor capacity: 15 hp



DAB – for twin and single shaft mixers

double performance

Technical data DAB:

Delivery capacity: 26 gpm
Operating pressure: 1600 psi
Motor capacity: 2x 15 hp



MB – multi pump unit

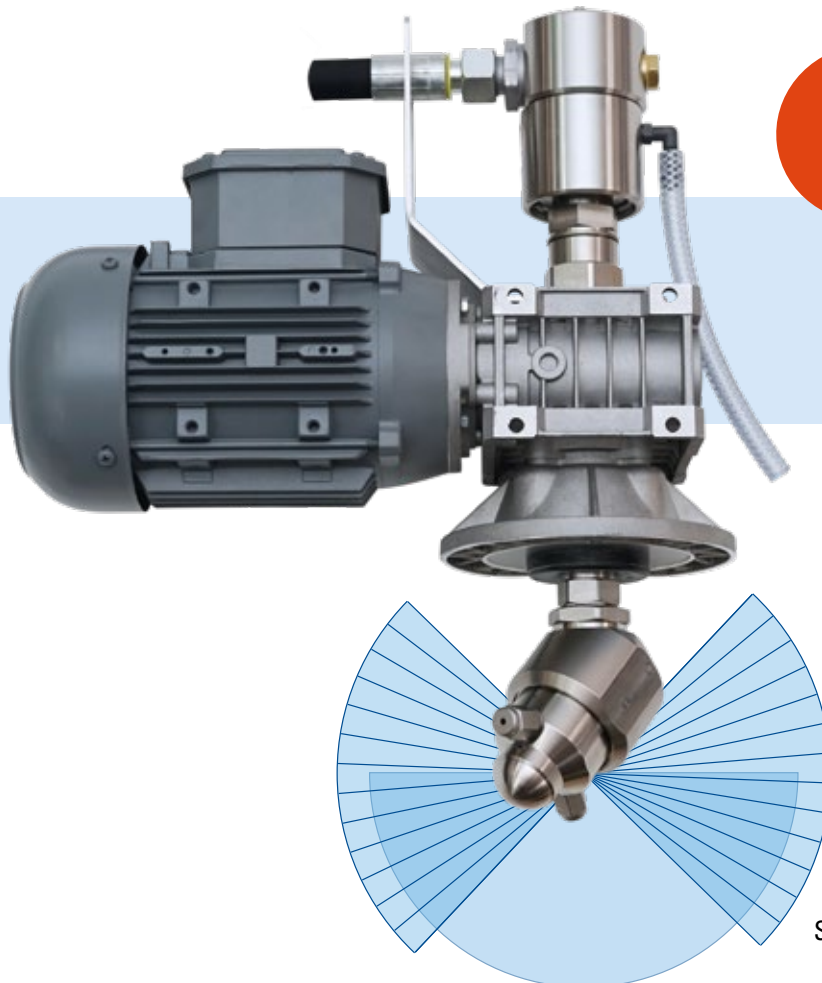
Encased version: Also suitable for cleaning several mixers, buckets and distributors at the same time.

Technical data MB:

Delivery capacity: 13-79 gpm
Operating pressure: 1600 psi
Motor capacity: 15-88 hp
Optional: can be heated for areas below zero

WALTER RD3_{max} – 3D nozzle system

Designed for the concrete industry with well-thought-out self-cleaning



New!

Technical data RD3_{max}:

Cleaning capacity: 9-30 hp
Flow rate: 8-26 gpm
Pressure range: 400-5800 psi
Nozzle circulation time: 2.5 min

Simulation graphic

Increased impact for those extra tough situations!

Automatic cleaning system for the inside of truck drum mixers



At the simple touch of a button, the WALTER truck drum mixer cleaning system (FMT) flushes fresh, not yet hardened concrete

residue out of the drum. If used on a daily basis, the drum mixer will remain clean and no concrete build-up will occur.



- **Higher transport capacity**
Transport fresh concrete rather than hardened build-up
- **Lower operating costs**
Continuous reduction of the empty weight of the truck
- **Extended lifetime of the drums**
Efficient and gentle cleaning – no damage to the drum
- **Higher availability of the vehicle**
Shorter cleaning times gets the truck back on the road and reduces personnel costs
- **Active accident prevention**
Reduce work accidents – no manual cleaning from the inside of the drum
- **Quick, safe and simple cleaning**
Easy operation - automatic cleaning available with only a few simple steps. Also available as an interim cleaning cycle for special concrete mixtures
- **Better working conditions**
Improved ergonomics and automation







Cleaning system for truck mixer chutes



- **Cleans the truck mixer chute in only 7 seconds**
- **Improves work safety and ergonomics**
 - no climbing ladders
- **Very low water consumption (< 1,5 gal)**
- **Cleaning starts at the touch of a button – even by remote control if requested**
- **Existing pump system for the mixer cleaning system can be used**



Customer feedback



"The colleagues on site are extremely enthusiastic – the cleaning success is rated at 100 %. Finally, the drivers don't have to climb onto the truck mixer and thus the cleaning time has been reduced by over 90 %. And with the remote control the mixing foreman can easily start the cleaning from his office."

Automatic cleaning system for water dosing tanks



- Clean your water dosing tank **at the push of a button**
- **The cleaning water is reused** to mix the next batch
- System can be integrated into the **existing control unit**
- **High-pressure cleaning system** for the mixer can be used

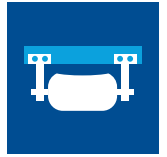


Automatic cleaning system for mixer chutes

- Includes the **chute** into the **automatic** mixer cleaning process
- System can be integrated into the **existing control unit**
- **Additional nozzle systems** for hard-to-reach areas available as well



Solutions for the precast industry



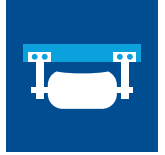
Bucket cleaning system suitable for all swivel buckets



- **Optimize production processes**
 - Quicker color/recipe changes
 - Cleaning intervals can be scheduled by the central electric control unit
- **Reduce cleaning times**
3-5 min per cleaning cycle (depending on product and type of equipment)
- **Reduce cleaning costs**
No need for additional cleaning personnel

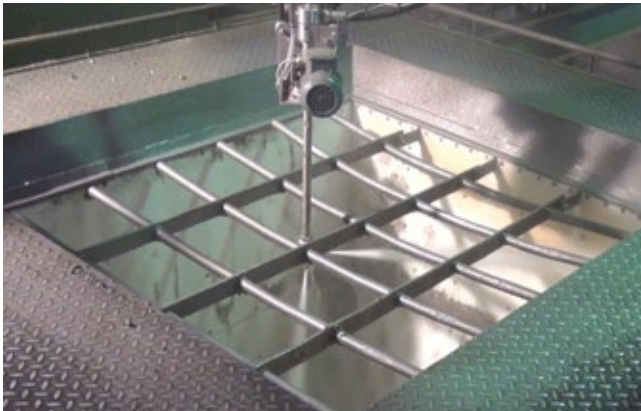


Swivel bucket in cleaning position



Distributor cleaning system suitable for all concrete distributors, flap buckets, transfer silos, transport and skip hoists

- **Increase production capacity**
Fewer interruptions and no need for a lengthy manual cleaning
- **Improve product quality**
Allows for more effective recipe changes
- **Active accident protection – improve work safety**
- Fewer personnel in danger zones
- **Can be integrated into existing safety circuits**



Concrete distributor during cleaning

Spare Parts & Service

Systems come with complete maintenance and safety documentation

- Multilingual trained service personnel to assist by phone, email, or in person
- Most spare parts are available for next day shipment within the US/CAN
- We provide an automatic maintenance schedule monitoring
- Our available maintenance contracts give you a calculable operating cost and can be cancelled at any time

