



MASTERS OF BLENDING

KNIELE

PRODUCT GUIDE | 2023



The art of mixing...

Years of experience and state-of-the-art technology merge here and now to ensure quality and increase productivity.

The innovative products of Kniele GmbH combine the latest processes and techniques and continually set new standards.

Our passion is both: Challenge and incentive.

Custom-built Kniele mixing plants that are just right for you.

Erwin Kniele
Senior CEO, Founder Kniele GmbH

KNIELE mixing plants

In operation in 37 countries and territories worldwide

- Australia
- Austria
- Belgium
- Bulgaria
- Canada
- China
- Croatia
- Curaçao
- Cyprus
- Czechia
- Dubai (UAE)
- Egypt
- France
- Germany
- Hungary
- Kazakhstan
- Kuwait
- Lithuania
- Luxembourg
- Mongolia
- Netherlands
- New Caledonia
- Norway
- Peru
- Poland
- Qatar
- Romania
- Russia
- Saudi Arabia
- Serbia
- Slovakia
- South Africa
- South Korea
- Switzerland
- Thailand
- United Kingdom
- USA

Table of contents

Mixing Systems	7
KKM - Kniele Cone Mixer	8
KKM-L Laboratory Mixer	12
KKM-RT Laboratory Mixer	14
Intensive Annular Tray Mixer	16
SUS and AFE Suspension Mixers	18
Mixer Accessories	20
Complete Mixing Plants	24
Row-type and Pocket Silo Plants	26
Tower and Step Plants	28
Mobile and Semi-mobile Mixing Plants	30
Dry Mortar Plants	34
Conversion, Renovation and Modernisation	36
Special Plants	39
Weighing Systems	40
Dosing Technology	41
Conveying Technology – Concrete	42
Elevators	43
Bulk Material Handling	44
Appendix	49
ZE Intensive Annular Tray Mixer	50
KKM Cone Mixer	51
About us...	53
The Path and the Goal	55

Three Generations one common task



There's a way to do it better:
Find it!

Thomas A. Edison



Every day there are new requirements and challenges in the work environment. New findings and new technologies offer opportunities for solutions that were previously unthinkable.

We are part of this rapid and exciting development. We validate the respective benefits and develop new, innovative products that incorporate state-of-the-art processes and set standards for the future.



Our passion is your benefit!

KNIELE GmbH develops custom built mixing plants of all types.

Based on our treasure trove of experience spanning more than three decades, three generations and the use of pioneering technology, we deliver systems to increase and ensure the productivity and quality of your products.



Dipl. Ing. Harald Kniele
Dipl. Ing. Alexander Kniele
Daniela Kniele
Ingrid Kniele
Felix Kniele
Joris Kniele

Dipl.-Ing. (FH) Erwin Kniele
Founder of KNIELE GmbH





Mixing Systems

The mixer makes all the difference

KNIELE GmbH manufactures different mixing systems, each ideally adapted and optimised for the intended application:

- KKM Cone Mixer
- KKM Laboratory Mixer
- Intensive Annular Tray Mixer
- AFE Mixer
- Suspension Mixer with Bucket Agitator

The mixers of the KKM series - KNIELE cone mixers - are our flagship products. Made to the highest specifications, uncompromising in design and technology.

With the unsurpassed performance of the KKM mixers, we are constantly exploring the limits of what is technically feasible. The KKM series is distinguished by its great performance, reliability and durability.

No mixer without the right accessories:

- Cameras
- High-pressure cleaning
- Pressure-free mixer rinsing (quick cleaning)
- Mixer forced dust removal

We offer suitable accessories for our mixing plants and mixers according to your needs - just ask us and we will be happy to advise you.



KKM - Kniele Cone Mixer

The time-compact – mixing in the 4th dimension

The cone mixer for your application

We've taken an entirely new path with the KNIELE KKM.

This patented cone mixer features qualities that have a powerful effect.

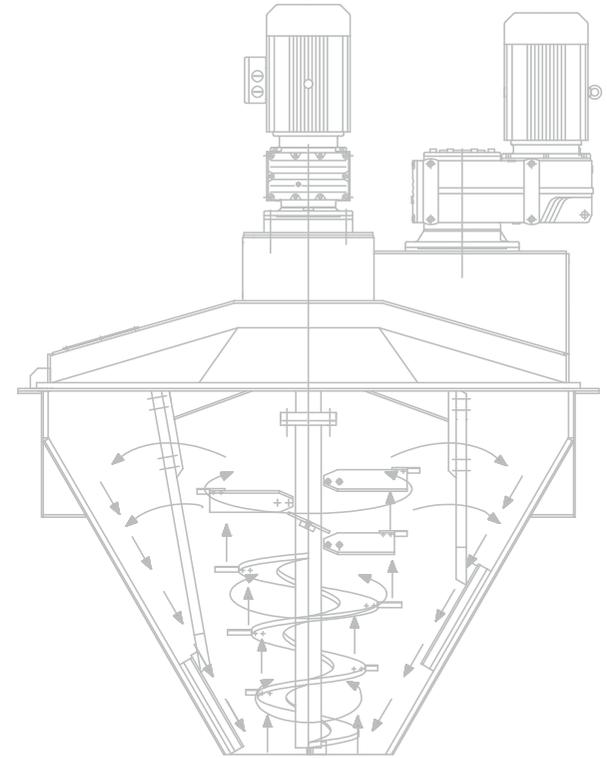
Thanks to innovative technology, the KKM achieves unprecedented performance, quality and reproducibility.

Two counter-current agitators produce a homogeneous mixture in the conical mixing chamber, within the shortest possible time.

Depending on the application, the first agitator consists of a conical Archimedean screw and paddles mounted above it in the shape of a screw.

The second, rotating agitator has mixing arms and shovels that scrape the surface of the mixing tank.

The Kniele KKM has been successfully in use for three decades. It has proven itself 100 times so far and is continuously being further developed.



Performant and versatile

The Kniele KKM conical mixer is the perfect choice not only in rough and cost-sensitive everyday production.

Due to its outstanding qualities, the KKM is also used in the laboratories of educational institutions, material testing centres and research institutes developing special concretes.

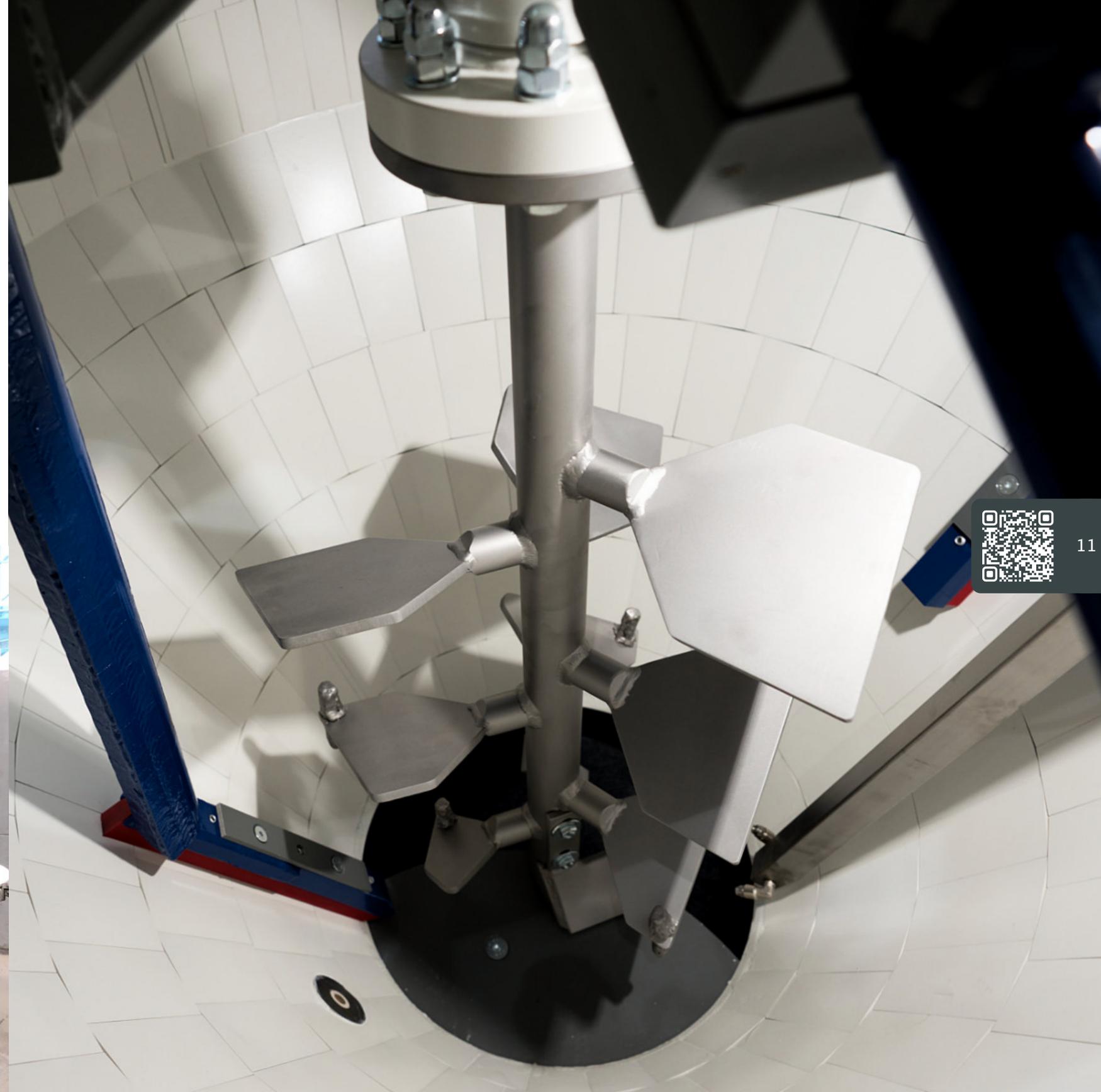
For the production of Ultra-High Performance Concrete (UHPC) or Self-Compacting Concrete (SCC), the mixer can be equipped with a special agitator and a special drive.

Rotations of up to 350 rpm are possible, so that very high shear forces are introduced into the mix and mixing time can be reduced to a minimum.

For highest demands: **KKM - Kniele cone mixer**

The time-compactor – mixing in the 4th dimension

10



11

KKM-L Laboratory Mixer

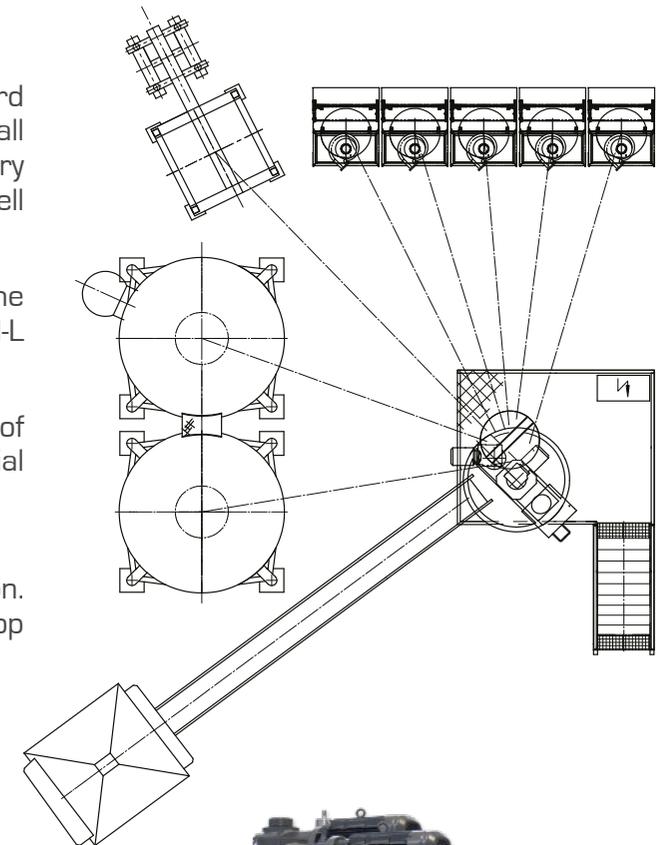
The Standard Laboratory Mixer – KNIELE KKM-L standard laboratory mixers have the same unique mixing principle as all KNIELE KKM series cone mixers. The KNIELE KKM-L laboratory mixer is ideal for laboratory and experimental applications, as well as for low-quantity production.

The KKM-L can be used as a mobile or stationary system. The KKM-Laboratory mixer is available in different sizes: KKM-L Laboratory Mixer 30, 100, 250 and 375.

The standard laboratory mixer can be optimally adapted to any of your requirements, including individual stirring tools and a special drive for high speed applications.

The KKM-L for your laboratory and small-scale production. With the KKM-L laboratory mixer you can research, develop and test reproducible mixtures in a sustained manner:

- Special Concrete
- Self-Compacting Concrete
- Ultra-high performance Concrete
- Dry Bulk Products
- Suspensions



KKM-RT Laboratory Mixer

KKM-RT Laboratory Mixer

KNIELE laboratory forced mixers provide a very exact and homogeneous mixing result. Due to the conical shape, even the smallest quantities can be mixed to a high quality. Filling, emptying and cleaning can be done quickly and conveniently.

This cone mixer can produce quality concretes of all kinds, including self-compacting concrete or lightweight concrete. It is also suitable for all other types of dry mix, such as light plaster, dry mortar, mineral cast concrete, animal feed, chemical dry mixes as well as refractory or liquid adhesives and many other products.

Rheometer, Tribometer, Hygrometer, Video and Stainless Steel

The KNIELE KKM-RT combines a laboratory intensive mixer with a rheometer. The rheological properties of the mixture are determined in relative or absolute units. The scope of performance is extended by a probe for moisture determination and a dosing unit for the addition of liquid or dry components. This enables automated parameter studies for compound development. The entire mixing process can be observed via video.

For classic fresh concrete tests

- Slump Spread
- Slump Flow Measure
- VdZ (German Cement Plant Association) Funnel
- LCPC-Box

These parameters can be clearly determined and identified so that they can then be produced in any type, quantity and quality in the KNIELE KKM cone mixer using the tested and well-known mixing process.



Double Counter-current...

The KNIELE ZE intensive annular tray mixer is typically equipped with two mechanically driven agitators via the main drive.

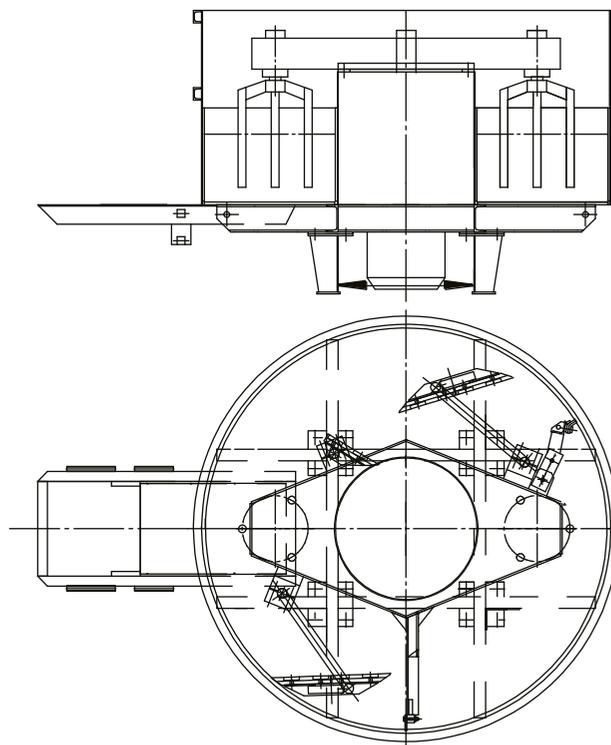
Effective digestion of the material is what produces the excellent mixing. Two independently agitators rotating in opposite direction to the main agitator. The narrow mixing channel guarantees intensive mixing with short mixing times.

This mixer ensures that even small quantities are mixed quickly and produced economically.

Separate Drives and Frequency Converters

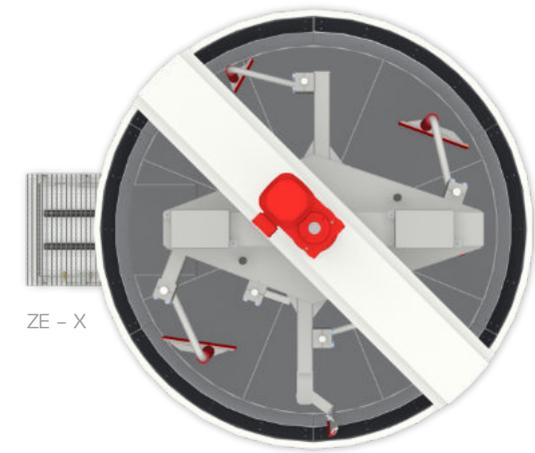
The ZE-X variant stands for performance that's increased even further. With its mechanically independent and infinitely variable agitators, plus the individually controllable mixing arm, it is the ultimate model for this mixer type.

Ideal for special concretes with the highest requirements: extremely arduous mixing tasks are its strength.



Intensive Annular Tray Mixer

Confidently mastering special tasks...

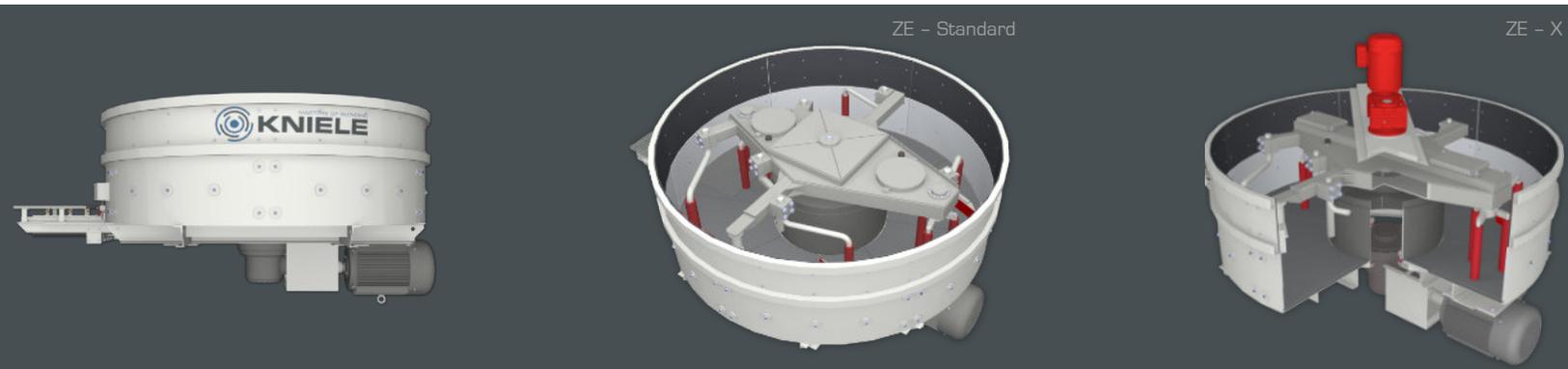
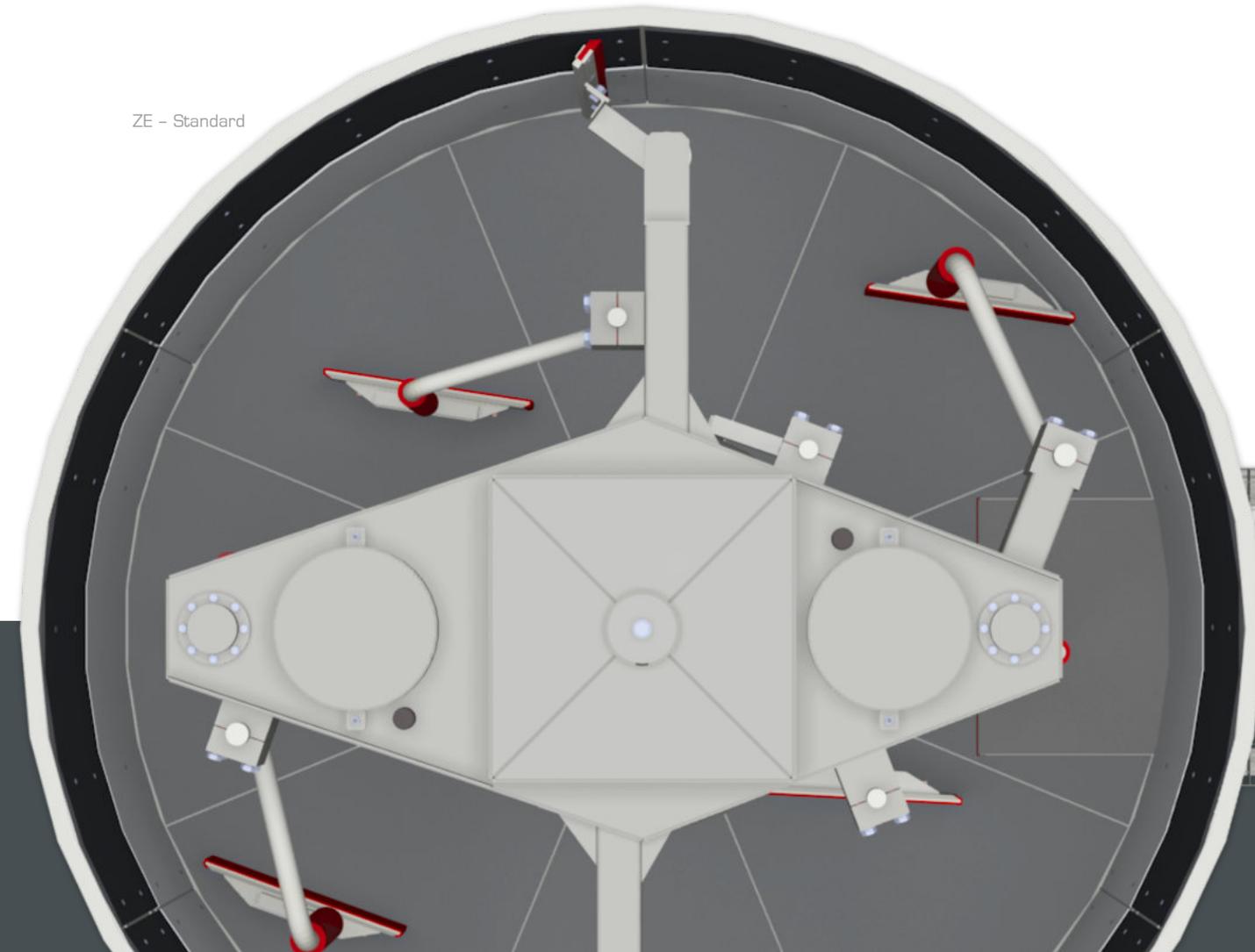


ZE - X

Upgrade: Conversion and Refitting...

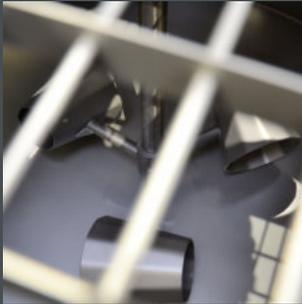
Even conventional mixers without additional agitators can be converted into an intensive mixer. By refitting your mixer with our driven agitator system, you'll benefit from the advantageous properties of an intensive mixing process – even with low investment costs.

ZE - Standard

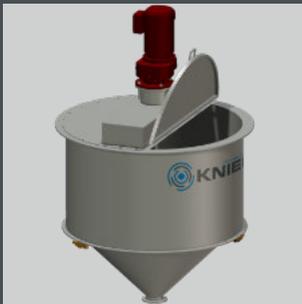




SUS



AFE



Colossally colloidal

SUS and AFE Suspension Mixers

Suspense...

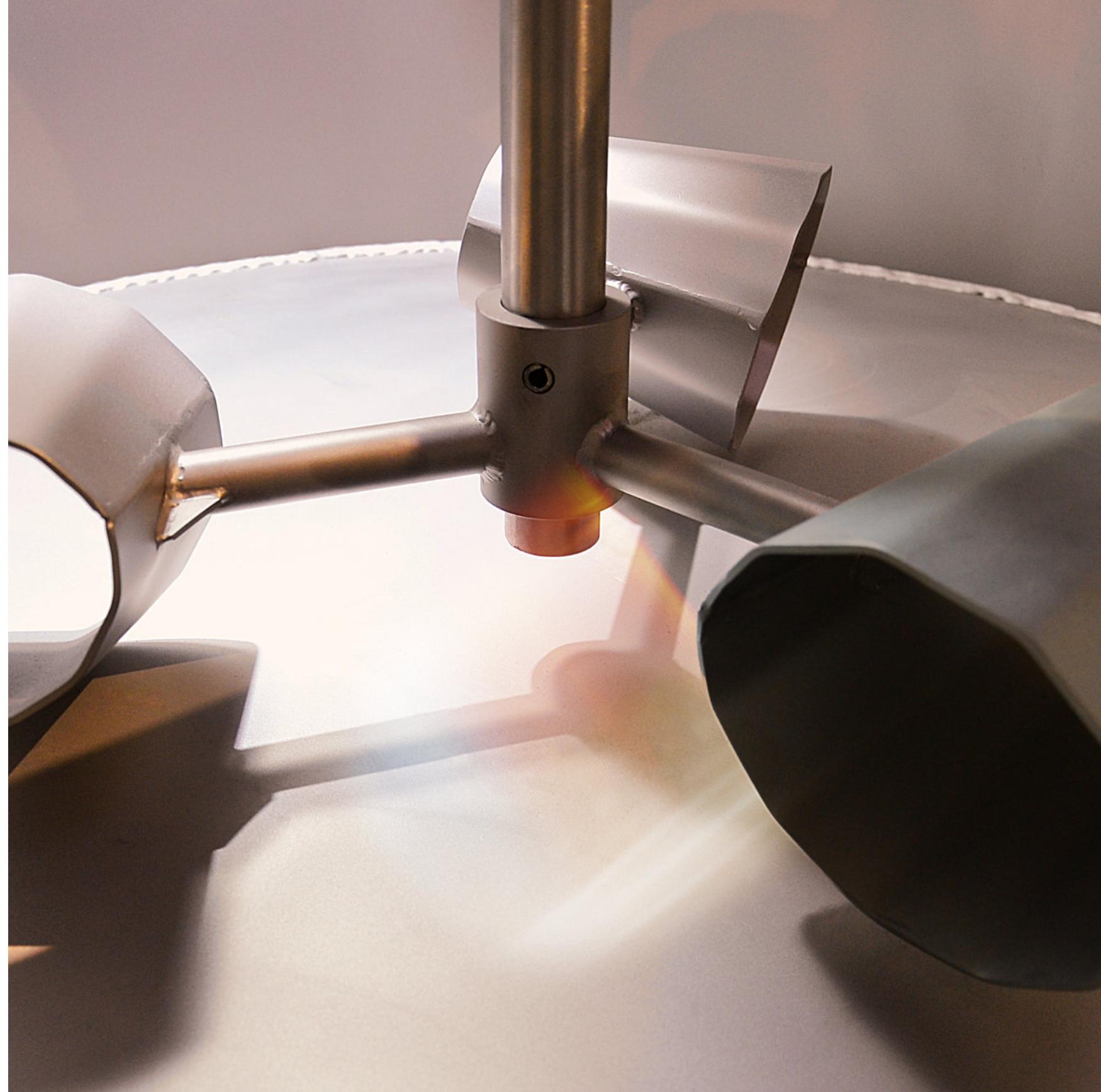
The KNIELE SUS stainless steel suspension mixer with speed-controlled bucket agitator was specially developed for highly viscous and sensitive products. With its conical hollow-profile stirring units, it produces turbulent self-propagative vortices. With its laminar flows, the medium's typical inherent dynamics mean that it is optimally exploited for mixing. Similar to a turbine, pressure and flow velocity are increased within the cones, whereas the medium surrounding the cones on the outside experiences a pressure reduction and flow deceleration. According to the equation postulated by Bernoulli and Venturi, controlled vortex formation occurs at the boundaries of reuniting fluid streams.

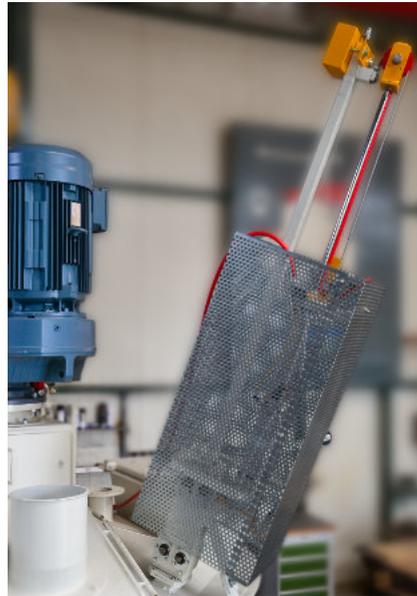
The Complete System...

- Loading bunker for sand with direct discharge into the truck mixer incl. belt weigher
- Anhydrite silo with silo equipment and screw feeder
- AFE-mixer in different sizes designed as a weighing mixer incl. washing device
- Additive weighing of water and anhydrite in the mixer
- Support construction incl. housing
- Control system incl. power unit

Colloidal...

AFE anhydrite plants by KNIELE are specially designed for the production of factory-mixed flow screeds. The individual components are automatically weighed in the mixing plant to ensure consistent quality. The glue is mixed with this specially developed mixer and its fast rotating agitator. The mixer is also designed as a scale for weighing. The mixing trough, agitator and cover are made completely of stainless steel. The mixer cover is already equipped with automatic mixer cleaning as standard. Residual water is recycled in a recycling plant specially developed for AFE.





- Cameras
- High-pressure Cleaning
- Low pressure Cleaning
- Mixer Forced Dust Removal

More than the sum of its parts

Mixer Accessories

Highest quality, optimal compatibility – from a single source
 KNIELE GmbH isn't just your partner when it comes to mixing technology, it provides all the other components that you'll need.

KNIELE accessories at a glance

- Storage
- Conveying Technology
- Dosing and Fibre Dosing
- Hosing and Fibre Dosing
- Bucket Conveyor Concrete Distributor
- UHPC & SCC Concrete Buckets
- Control Systems
- Mixer Cameras
- Weighing Systems: Cement, water, admixture, aggregate, colour...
- Mixer Cleaning
- Pelletiser Plate
- Discharge and Cleaning Hopper
- Safety Gate for Concrete Collection
- Day Silo
- Big Bag Filling Stations
- Big Bag Emptying Stations
- Bag feeding
- Recycling
- Elevators
- Fibre Dosing Systems
- Pneumatic Conveying

etc.



Raiffeisenbank in Oberriet, Switzerland

The futuristic facade of the Raiffeisenbank Oberriet (CH) was made of many dozens of individual elements. The concrete for this was mixed in the **Kniele cone mixer KKM** and then poured into a very complex mould.

This concrete neutralizes CO²: The facade absorbs the harmful carbon dioxide in the atmosphere and neutralizes it. When it rains, the absorbed CO² is washed out and the process can start all over again.





Plant Construction Made in Germany...

Customised and tailored to your needs, no matter whether you are planning a completely new plant or are considering modernisation or expansion.

KNIELE GmbH has just the right solutions.

Our highly-trained and dedicated team will provide you with a comprehensive service. We create a custom plant just for you, implementing your specifications and wishes.

KNIELE GmbH is a worldwide leading specialist for mixing technology.

With us, you will find future-oriented solutions with sustainable efficiency.

Turnkey Mixing Plants

- Prefabrication Plants
- Concrete Block Plants
- Ready-mix Concrete Plants
- Dry Mortar Plants
- Mortar Plants

Special Mixing Plants

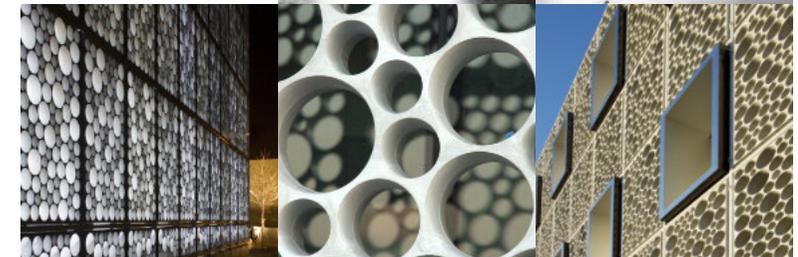
- Ultra-high performance concretes (UHCP)
- Self-compacting concretes (SCC)
- Dry Mixing Processes (chemistry, food)
- Special Waste Processing (dust, sludge)
- Production of Polystyrene Concrete
- Production of AFE Flow Screed
- Production of Plaster and Clay
- Manufacturing of Animal Feed
- Bricks and Ceramics Industry
- Soil Processing (recycling)
- Mineral Cast Concrete
- Aerated Concrete
- Chemical industry
- Glass Industrie

Complete Mixing Plants

Systems from A to Z by professionals, for professionals



© Concrete Rudolph GmbH, Photographer: Henning W. Linder





Stationary and in file:
Row-type and Pocket Silo Plants

Horizontal Concrete Plants

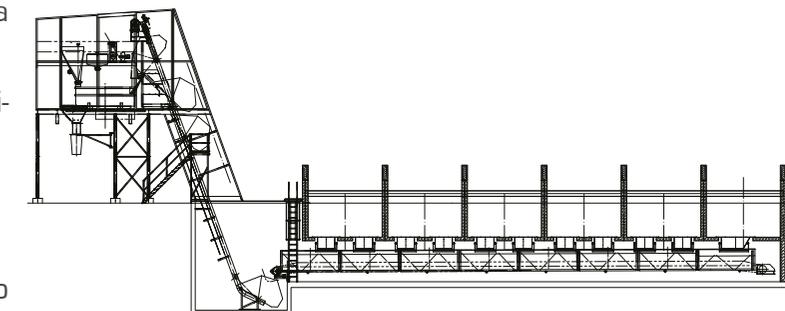
Pocket row-type silo plants can be created in a stationary or semi-mobile design, depending on requirements. Loading is carried out with a shovel loader or directly from a truck.

The aggregates are weighed using a weighing belt or a mobile scale.

The material is fed directly into the mixer or an intermediate container via a bucket hoist or conveyor.

Pocket Silo Plants

If 1–3 aggregate components are needed, a pocket silo plant can be an interesting alternative.

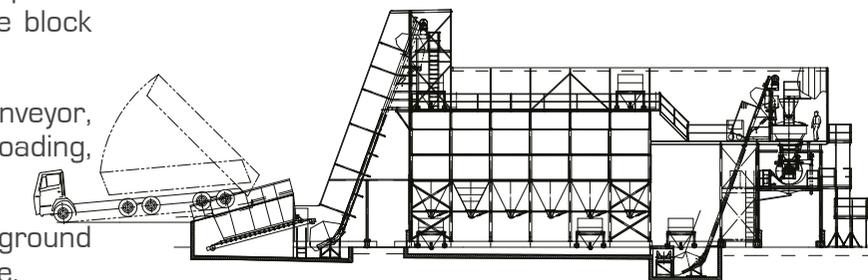


Row-type Silo Plants

A high silo plant is suitable for use at production plants with many different aggregates, such as concrete block plants.

Loading takes place via a conveyor, double belt conveyor, or special elevator system. This ensures sorted loading, e.g. for double broken and double screened chips.

The output is possible via a feed hopper for overground rear dump tippers or underground with cover grate.





As far as the eye can see...

Tower and Step Plants

Vertical Concrete Plants

Tower plants with diameters ranging from 5.75–10.5 m are ideally suited for storing aggregates in quantities of 100–1,000 cubic metres. Loading is carried out alternatively from 16° conveyor belts with smooth belts, steep conveyor belts with 30° belt or covered belt conveyor, as well as bucket hoist or an S-conveyor.

Loading of materials is possible without additional staff intervention. Silos equipped with additional insulating housing and integrated heating enable aggregate processing without problems – even at low temperatures.

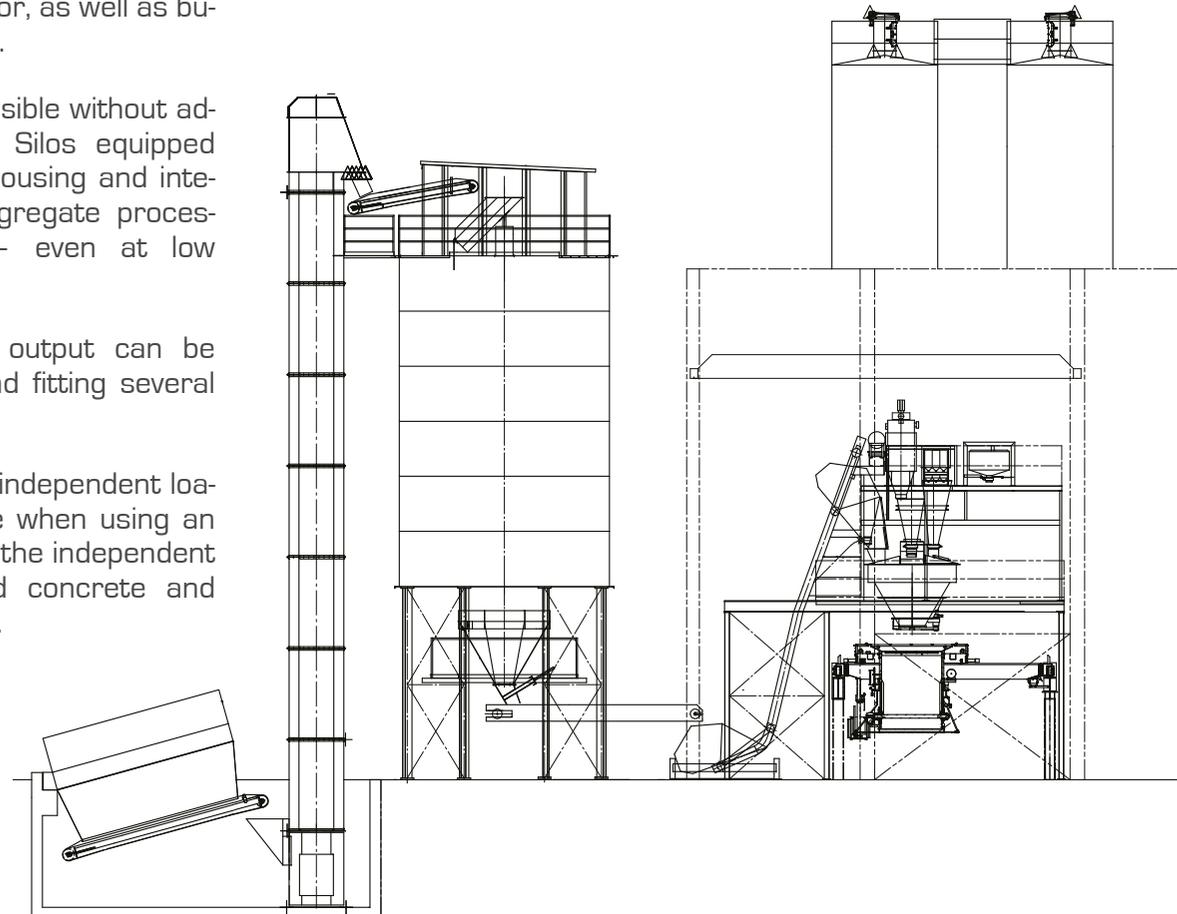
An extremely high plant output can be achieved by integrating and fitting several mixers.

Our tower plants allow for independent loading of ready-mix concrete when using an anhydrite mixer, as well as the independent production of ready-mixed concrete and mortar, or flow screed, etc.

The inconspicuous variety

Step plants have a typical low tower design, and are used wherever you might need to comply with height limits specified by the authorities.

Functionality and variation possibilities are not limited in any way.



Horizontal Mixing Plants

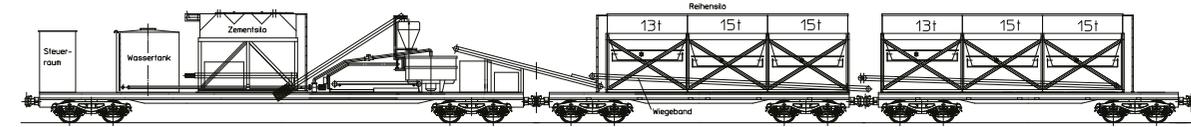
Whether completely mobile or semi-mobile, these plants meet your requirements in terms of performance and capacity. Mobile KNIELE plants are easy to transport and can be quickly deployed – anywhere and at any time.

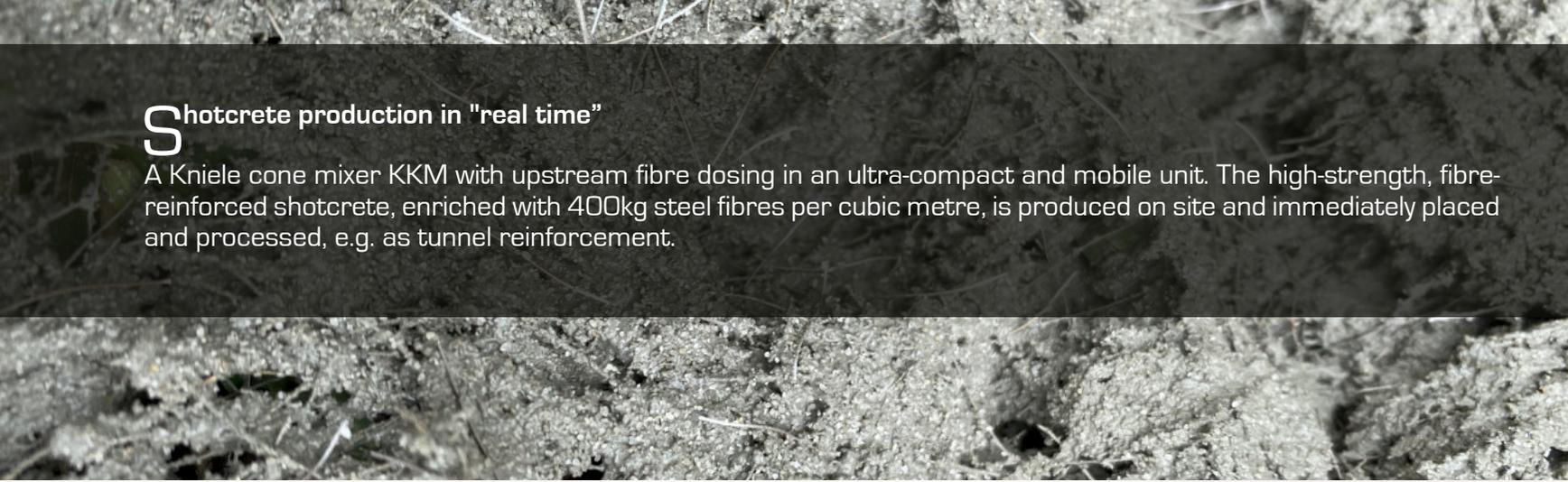
- Plant output from 30–100m³/h
- Stock quantities – e.g. 3 x 60t cement
- Aggregate silo in row-type silo with any number of chambers

Completely mobile systems (e.g. permanently mounted on railway cars or trucks) can be driven to a different destination every day. Semi-mobile systems, on the other hand, equipped with integral steel foundations, ensure minimal assembly and foundation work at temporary locations.

Mobile and Semi-mobile Mixing Plants

On the go, by rail or road...





Shotcrete production in "real time"

A Kniele cone mixer KKM with upstream fibre dosing in an ultra-compact and mobile unit. The high-strength, fibre-reinforced shotcrete, enriched with 400kg steel fibres per cubic metre, is produced on site and immediately placed and processed, e.g. as tunnel reinforcement.





Dry Mortar Plants

Bag it up!

KNIELE GmbH supplies turnkey plants for the production of dry mortar. For dry or wet mixing plants, or a combination of both, including bag feeding and screening.

State of the Art

KNIELE intensive annular tray mixer and our KKM cone mixer are at the heart of these plants.

From mixing to bagging, it just works!



Securing the location of existing plants is highly important both today and for the future. The plant conversions, renovations, extensions and modernisations carried out by KNIELE GmbH significantly increase standards at a plant.

Always a decisive step ahead of the competition!

High Tech for recording and measuring your existing system. Using the latest 3D scanners, we record every detail of your legacy system with millimetre precision in order to insert new components precisely and accurately.

Benefit from our know-how, our flexibility and our team of highly trained employees. We take care of dismantling an existing system, plus conversion and expansion of your plant.

Comprehensive project support and renewed commissioning can therefore be achieved in the shortest possible timeframe.

That's our strength



Conversion, Renovation and Modernisation
'Better' is the enemy of 'good' – time for an upgrade!



3^D – concrete printing opens up unimagined new possibilities!

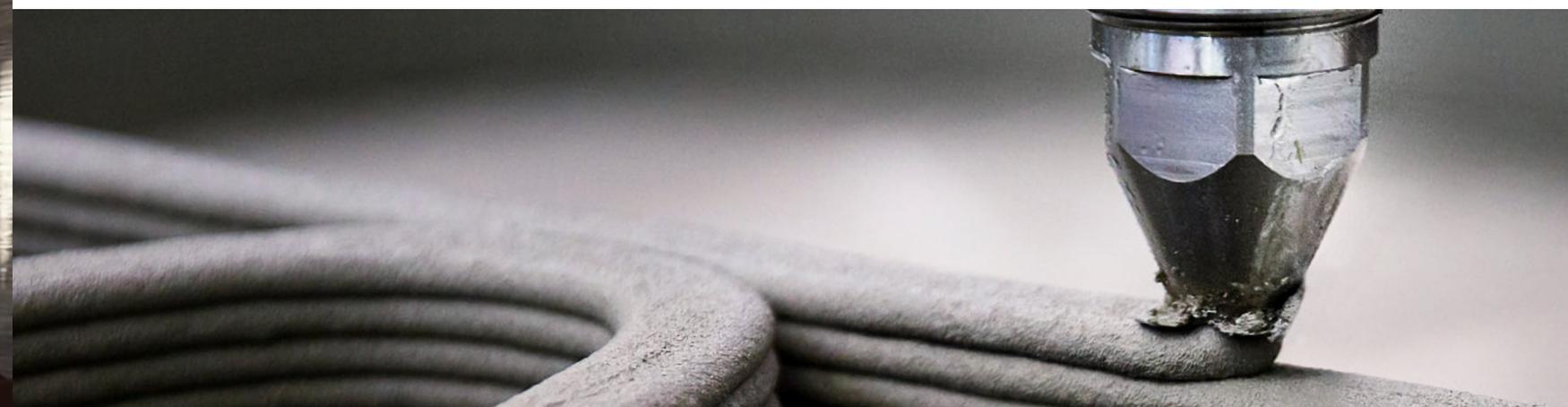
The Kniele KKM cone mixer in use for the production of high-quality UHPC concrete. Equipped with a pinch valve and a secondary silo with agitator. The concrete is continuously conveyed to the printer head via a pump. This enables fully automated and reproducible 3D printing!

Flowable Concrete and Suspensions

The KNIELE cone mixer with watertight closure offers the possibility to produce concrete that is very free-flowing as well as suspensions. High-strength concrete, grouting mortar, and also epoxy resins, cold bitumen, or the further processing of dust and sludge for recycling are just some examples mentioned here. Processing these materials is impossible with conventional twist valves.

Manufacturing Animal Feed and Pharmaceutical Intermediate Products

For several years, KNIELE special plants have also been successfully used for the production of food products and pharmaceutical intermediate products.



Weighing Systems

Weights and measures...



KNIELE weighing systems enable the construction of calibratable and fully automatic weighing systems that ensure consistency and high quality.

Exact aggregate dosing is typically carried out by means of dosing valves, alternatively with coarse or fine dosing. Dosing belts or vibration chutes are also possible. The computer-controlled system enables fully automatic operation.

Thanks to the user-friendly design the system can be operated with very few personnel.

- Water Batchers
- Cement Batchers
- Admixture Batchers
- Aggregate Batchers
- Integral Mixer Batchers
- Colour Batchers
- Steel Fibre Dosing Batchers
- Mobile Scales
- Fibre Dosing Systems (PP, steel)
- Dosing belts and delivery belts



Dosing Technology

A pinch or a pound – always exact

KNIELE dosing technology guarantees the highest precision and reproducibility for your dosing requirements.

- Dosing valves, pneumatic with coarse and fine dosing
- Dosing belts for volumetric dosing of light aggregates
- Vibrating chute with frequency converter
- Dosing screws



Highly sensitive sensors provide all relevant information at all times. Particularly exemplary are the moisture probes for the sand chambers and the consistency measurement inside the mixer, as well as level monitoring in cement silos and aggregate silos.

Drainage systems catch dripping water from the dosing valves. A loop-system disposes of the dripping water into a drain through a circular line.



Conveying Technology – Concrete

KNIELE conveying technology – the best way from A to B

Concrete Buckets

- Dosing by means of flat adjustable slider valve
- Screw agitator for homogenous mixing

Bucket Conveyors

- Transporting bulk materials
- Tipping bucket with rotatable tub (up to 3,000 litres)
- Segment bucket conveyor with bottom discharge (up to 4,500 litres)
- Single and double track conveyor
- Curving and raising

Industrial trucks

- curve tracks
- for concrete buckets with crane suspension
- suitable for transporting finished parts
- option for battery operation

Conveyor belts

- individual lengths
- Reversible running direction
- Dosing belts



Elevators

Going up...

KNIELE elevators are available in two basic versions:

- Tilting bucket
- Bucket with bottom discharge

Standard equipment

- Quality gear units
- Separately mounted wire rope drum with grooves
- Self-closing flap on material inlet to mixer
- Essential limit switches incl. emergency stop Slackline switch
- Material hoist with adjustable inclination from 25° - 90°

Special equipment

- Frequency control motor
- Double distributor valve with distribution into two mixers
- Fall protection
- Designed as an aggregate scale
- Extension track, straight or buckled

Fall protection

KNIELE material elevators are equipped with a wear and overload protection device. This device is intended to reliably prevent a fall during the material's ascent. In the event of overload or rope wear, it intervenes and switches off the system or alternatively issues a warning signal.

The risk of a fall is therefore reduced to a minimum.



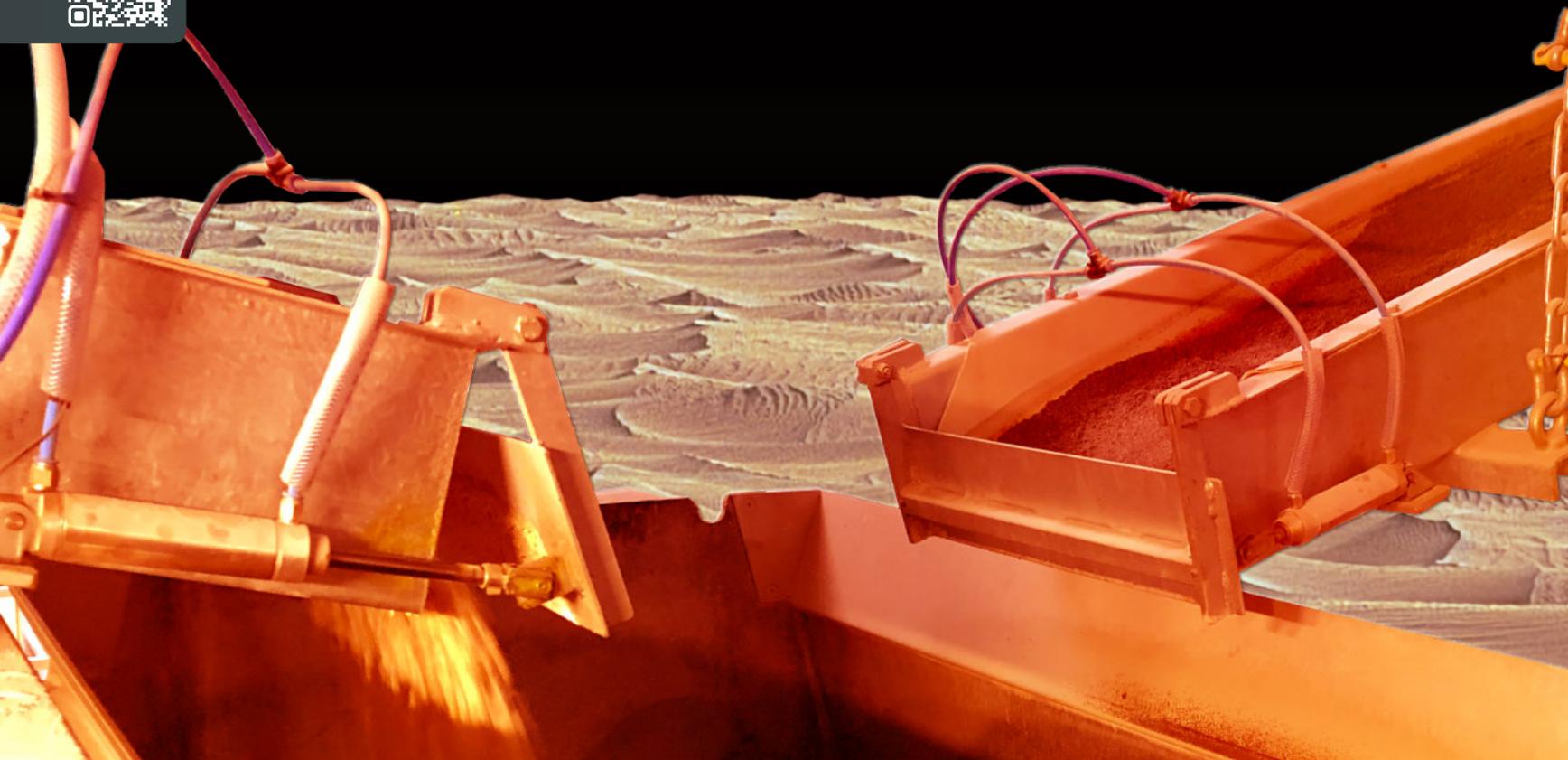
Bulk Material Handling

Rough, fine or sensitive: filling and emptying to perfection...

KNIELE Big-Bag-Stations were specially developed for bulk material filling and emptying.

The main priorities are high economic efficiency and simple handling.

A KNIELE Big-Bag-Station can be designed with various equipment options depending on your individual needs.



Big Bag Emptying Station

- Low-dust emptying in closed systems
- Disposable or reusable big bags

Options for Big Bag Stations

- Milling device
- Dust removal
- Big Bag feeder with crane conveyor or fork lift truck
- Bulk materials of all kinds: grain, powder, granules



Bulk Material Handling

Rough, fine or sensitive: filling and emptying to perfection...



Big Bag Filling Station

- Low-dust bagging of dusty, powdery, floury-shaped and small pieces of bulk materials
- Semi or fully automated bagging
- With vibrating table and weighing device
- Loading with chain hoist, forklift or existing crane
- Can be customised according to product and requirements
- User-friendly, efficient changing of the big bags
- Steel and stainless steel versions
- ATEX version

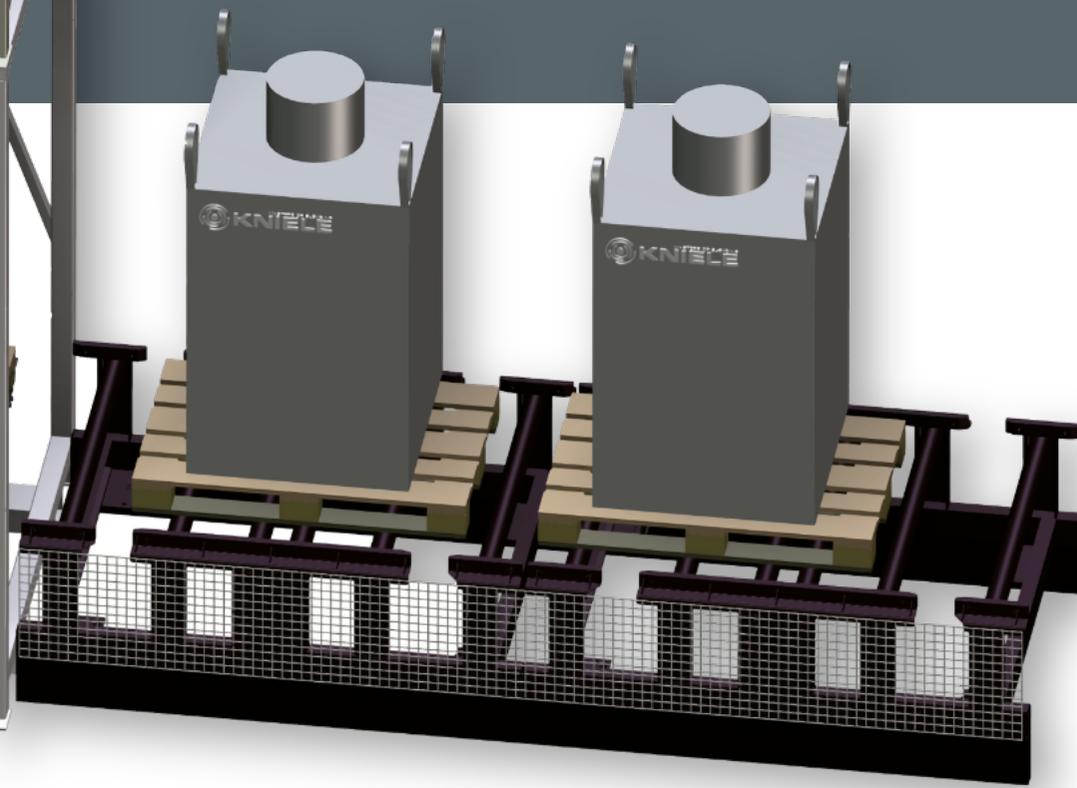


Day Silo

- Mobile or stationary
- With vibrating conveyor troughs

Bag feeding

- low-dust sack emptying





Cement + surfactant fast setting KKM Suspnsion Mixer



Geopolymer + surfactant HaBe 97



Cement + surfactant ultra fast setting



Protein foam

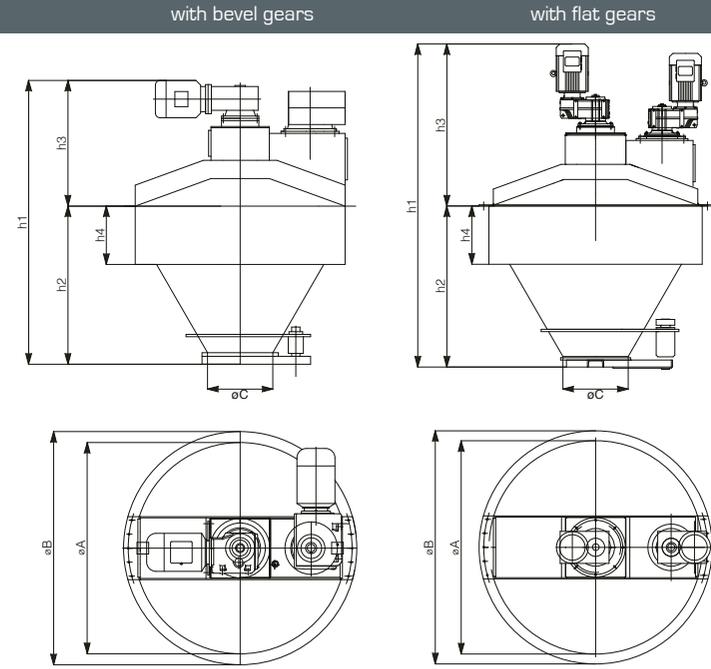
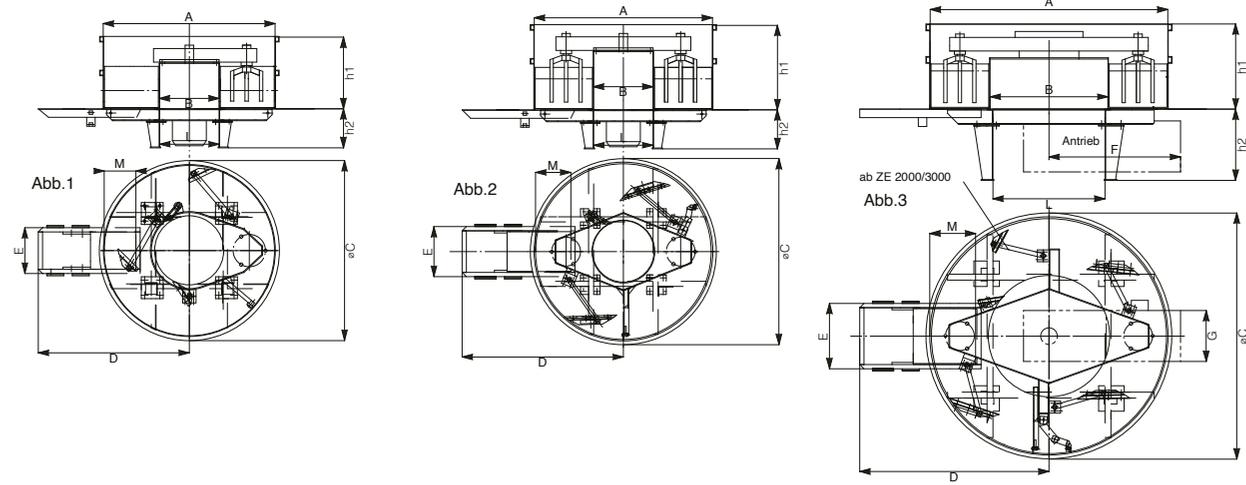
Technical data

Technical data sheets for KNIELE KKM cone mixers and ZE intensive mixers

Microscopic images of the internal structure of various aerated concretes and aggregates

ZE Intensive Annular Tray Mixer

KKM Cone Mixer



Description output/fill capacity	Liter	250/375	375/550	500/750	750/1125	1000/1500	1250/1875	1500/2250	2000/3000	2250/3375	2500/3750	3000/4500
Figure		1	1	2	2	2	3	3	3	3	3	3
AC motor *	kW	11	15	22	30	30	45 (37)	55 (45)	55 (75)	75	75	90
A	mm	1800	1800	2100	2100	2500	2800	2800	3100	3100	3100	3600
B	mm	700	700	700	700	1000	1100	1100	1400	1400	1100	1400
C	mm	1890	1890	2194	2194	2594	2900	2900	3200	3200	3200	3650
D	mm	1620	1620	1900	1900	2080	2230	2230	2350	2350	2350	2600
E	mm	540	540	590	590	660	770	770	880	880	880	1000
F	mm	-	-	-	-	-	1450	1550	1550	1550	1550	1650
G	mm	-	-	-	-	-	600	600	600	600	600	600
h1	mm	750	750	1000	1000	1000	1000	1000	1000	1000	1000	1000
h2	mm	550	550	460	460	560	840	840	840	840	840	850
L	mm	800	800	700	700	950	1020	1020	1320	1320	1020	1700

Number of gates:
ZE 1000/1500 and smaller: max. 4 / ZE 1250/1875 and bigger: max. 3

Description Output/fill capacity	Liter	100/150	250/375	375/550	500/750	750/1125	1000/1500	1250/1875	1500/2250	2000/3000	2250/3375	2500/3750	3000/4500	6000
AC motor inner agitator	kW	5,5 (7,5)	7,5 (9,2)	9,2 (11)	11 (15)	15 (18,5)	22 (30)	30 (37)	37 (45)	45 (55)	45 (55)	55 (75)	75	75*
AC motor lateral agitator	kW	5,5 (7,5)	7,5 (9,2)	9,2 (11)	11 (15)	15 (18,5)	22 (30)	30 (37)	37 (45)	37 (45)	45 (55)	55 (75)	75	75*
A	mm	820	1420	1420	1800	1800	2100	2410	2410	2410	2410	2700	2700	3000
B	mm	940	1620	1620	2000	2000	2300	2622	2622	2622	2622	2912	2912	3200
C	mm	360	560	560	560	560	660	660	660	660	660	660	660	760
h1	mm	1780	2420 (2480)	2680 (2740)	2870 (2955)	2955	3080	3410	3570 (3670)	3670 (3770)	3770	4055	4235	on demand
h1 (bevel gear)	mm	1440	2050	2250	2350 (2450)	2500	2560	2660	2915 (3015)	3015 (3115)	3150 (3285)	3350	3465	on demand
h2	mm	700	1070	1270	1400 (1500)	1500	1560	1650	1825 (1925)	1925 (2025)	2025	2140	2240	2260
h3	mm	1080	1350 (1410)	1410 (1470)	1470 (1455)	1455	1520	1760	1745	1745	1745	1915	1995	on demand
h3 (bevel gear)	mm	735	977	980	1000	1000	1000	1010	1090	1090	1090	1210	1225	on demand
h4	mm	300	350	550	500 (600)	600	500	300	500 (600)	600 (700)	700	600	700	700

* Only for dry mixtures
() values in brackets - reinforced motors for SCC and UHPC





About us...

People at work

Erwin and **Lydia Kniele** founded Kniele Baumaschinen GmbH on 1st January 1991. Over the years, the company grew into a family-run, medium-sized company with an international clientele.

The KNIELE production facility in the south of Germany has continuously expanded to allow sufficient production capacities. Particular attention has always been paid to our own machinery, which is constantly being modernised – and is therefore always state-of-the-art.

Milestones in the company's history

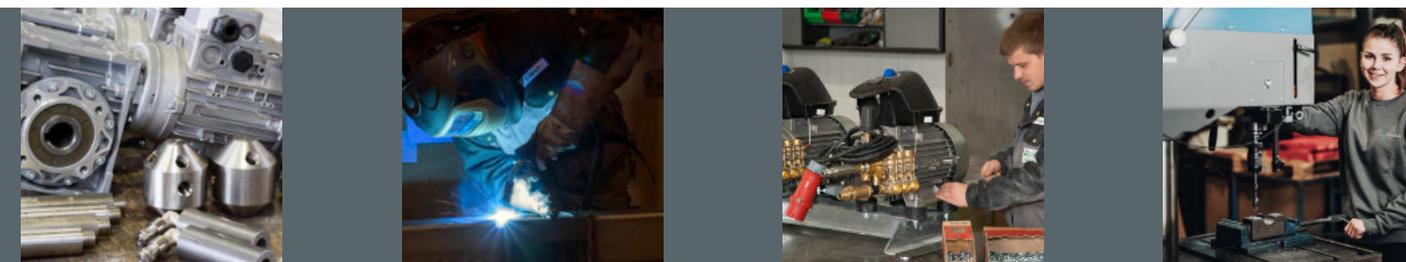
The development of the KKM KNIELE cone mixer was a real milestone. Its completely new and patented technology is still unsurpassed today. The recent name change to KNIELE GmbH indicates another milestone in the company's history: The broadly diversified customer base has long since extended beyond the concrete and construction industries. KNIELE technology can now be found in the food and pharmaceutical industries, as well as in waste disposal and recycling companies and also in disposal of nuclear waste.

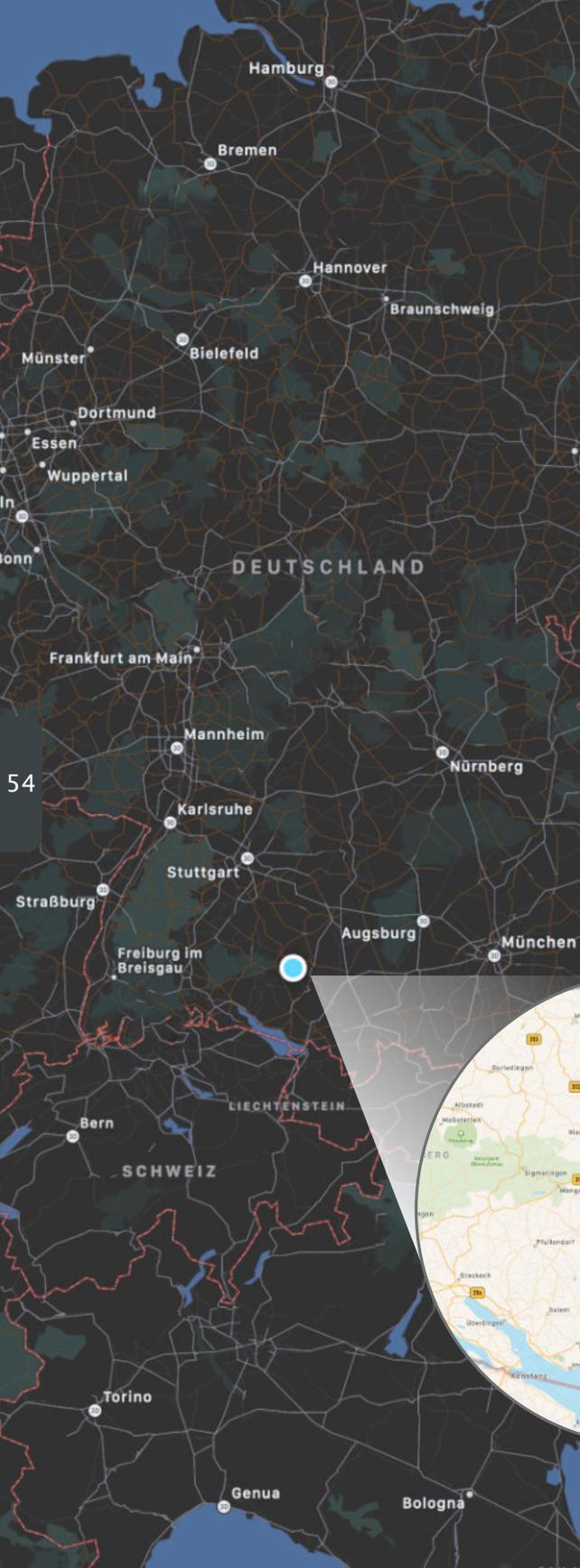
KNIELE systems always fulfill specifications, parameters and standards perfectly – or exceed them in most cases – even in extremely critical application scenarios.

Everything starts with first-class advice

Even in the early planning phase, you can rely on our decades of experience and know-how: during assessment of a property, evaluating the right plant type, material flow planning and selection of the necessary components.

Whether you are considering a completely new plant or considering modernising and expanding an existing plant, KNIELE GmbH is always the right partner for realising your plans.





Disclaimer

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Only the agreements and technical characteristics guaranteed in a supply contract are applicable.

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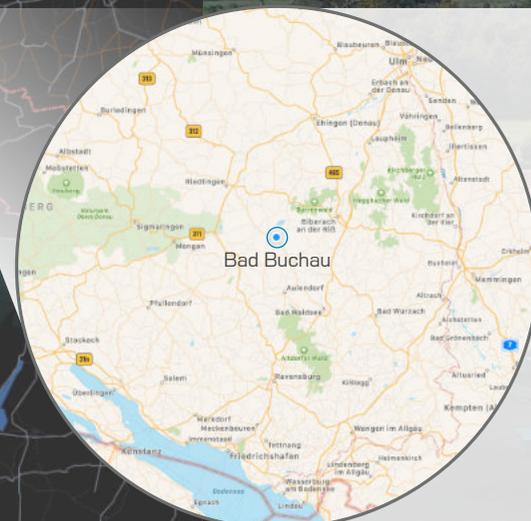
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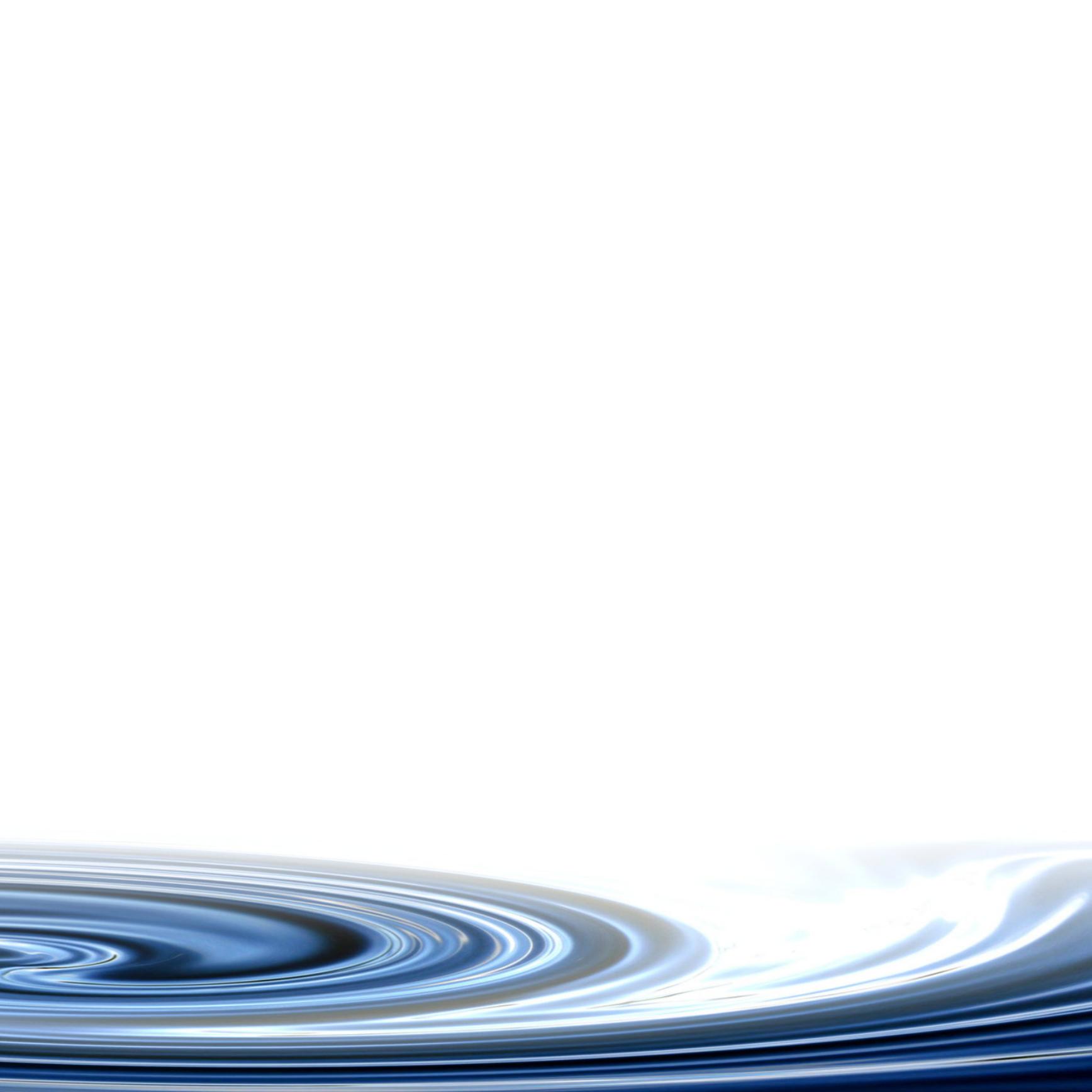
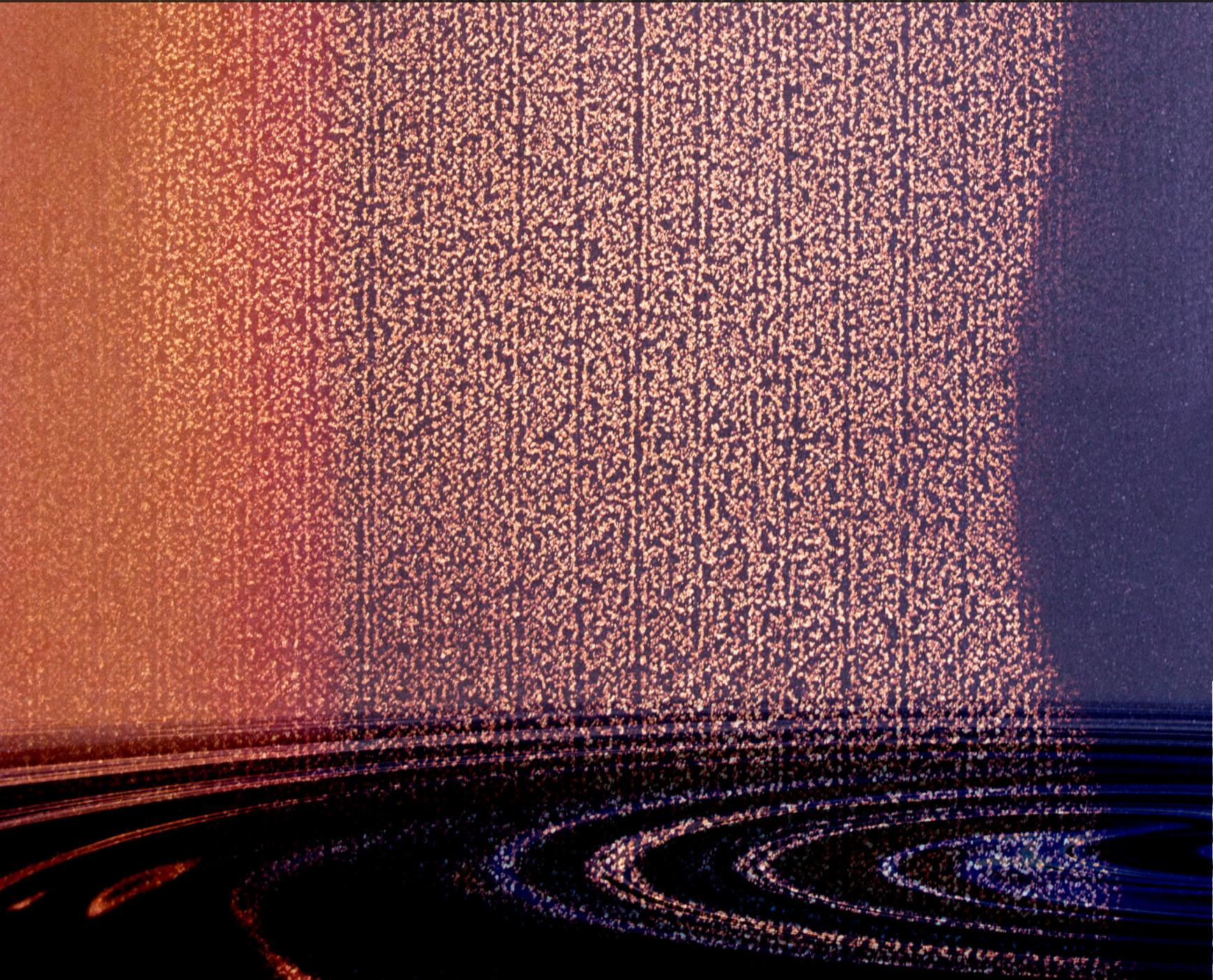
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Translucent concrete

| Light-conducting concrete for design products

| Fibres specially introduced into the concrete make it translucent





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