



# THINKING IN SOLUTIONS

Concrete mixing plants, conveying systems,  
Concrete reclaimers and alloy plants.  
Individually designed, efficiently realised.

## CLIENTS

STRABAG, Austria

PORR, Austria

Cemex, Austria

Wopfinger Transportbeton, Austria

Maba, Austria

Asamer, Austria

Frissbeton, Hungary

Märker Transportbeton, Germany

BLG Inn Beton, Germany

Kiestag Beton AG, Switzerland

Arge Beton, Erstfeld, Switzerland

Mobile Concrete, Bulgaria

Beton AG Basel, Switzerland

Vibeton, Switzerland

Eder Transportbeton, Austria

Reiterer Austria

Pehofer, Austria

Kohlbacher, Austria

Concrete batching plants are a key link in the logistics chain for efficiency in construction. Whether on-site or for external supply – reliable availability of the highest quality, this is what counts in concrete.

Optimal dimensioning, high reliability and lower costs over the entire service life are the basic parameters of all KAISER plants. This requires in-

depth consulting on the conception and realisation of the plants. Individual planning concretises the project, 3D visualization creates transparency, facilitates the understanding of complex processes, and further increases the precision. Intelligent modular construction and factory pre-assembly ensure short final assembly and installation times. The continuous improvement

process uses practical experience in order to sustainably develop the recognised solidity of the KAISER plants.

As medium sized company with high flexibility, KAISER is recommended for customised solutions with optimised performance.

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Kies- und Betonwerk Frei, Switzerland

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Böhler Edelstahl, Austria

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Lasselsberger, Austria

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Bau Mayr, Austria

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Arge Beton Erstfeld, Austria

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Bodner, Austria

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Spengler, Germany

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Weissenböck, Austria

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Lafarge, Austria

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Geiger, Germany

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BLG, Germany

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1 Reiterer, Austria

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2 Pehofer, Austria

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3 TBG Landsberg, Germany

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4 Lasselsberger, Austria

## ADAPTED COMPLETE SOLUTIONS

In order to individually dimension all parameters for a plant, Kaiser develops and produces core components such as scales, conveyors and dosing systems itself. Through the high quality of fabrication, the elements and modules of construction have technical reserves according to the KAISER quality criteria.

For customers, this means less wear, fewer repairs, and shorter downtime. Responsible for the above-average reliability and long service life of the KAISER plants are many years of experience, high-quality components, and consistent optimisation of existing products.

### 3D VISUALISATION

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In order to understand the planning steps and processes involved, customer presentations are supported with 3D representations.

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From the beginning, the customer is the main concern of KAISER: starting with the planning of the plants and the selection of their components we take care that the plants, down to their details, are not only reliable but also easy to maintain over a long period of use. Accordingly, important components of the systems are easily accessible and

can be replaced without any prior technical knowledge. The quick response time and high commitment of the KAISER team allow for a fast problem resolutions in the worst case. Moreover, important spare parts are reliably available from stock.

PRECISELY  
PLANNED,  
EFFICIENTLY  
REALISED

#### ASSEMBLING

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KAISER provides customers with turnkey installations. The package also includes offsetting the site components and the precise final assembly.

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LIMITED BASE AREA, QUICK INSTALLATION,  
HIGH EFFICIENCY:  
CONCRETE BATCHING PLANT IN MODULAR DESIGN

CONCEPTION

PRODUCTION

The individual specifications which are regularly entrusted to us by clients, often reach the limits of current technological development. KAISER sees this as a challenge and answers with innovations. In this way, numerous KAISER patents could be developed during the management of previous projects, and have been subsequently brought to the market. These

patents offer both detailed solutions for particular challenges, as well as general solutions for the construction of concrete batching plants.

The latest example are the new and highly mobile KAISER plants, which were developed for use under particularly tight spaces on the site – with unchanged high performan-

ces and high reliability. In addition, the new series of compact plants represents an important contribution to efficient time management on site and also to the optimisation of the utilisation: through their modular design the plants are mounted and ready in a few days.

DELIVERY

ASSEMBLING

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3

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## CONCRETE BATCHING PLANTS FOR SPECIFIC REQUIREMENTS

Only the customisation of the system to the specific requirements of the site ensures high efficiency. Consulting always comes first with KAISER, in order to adequately reflect the conditions of the site in the plant design. From the silos up to the conveyors and the mixers, all efficiency and quality potentials are used; the systems are designed for optimal

output, taking account of sufficient reserve assets. Whether large-scale construction or heavy producer: Optimised KAISER concrete batching plants are a strong link for each construction logistic situation; they facilitate a short construction time, a smooth operation and an economical cost structure.

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1 Arge Beton Erstfeld, Switzerland

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2 Arge Beton Erstfeld, Switzerland

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3 Österreichische Betondecken Arge,  
Austria

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4 Mobile Concrete, Bulgaria

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5 Mobil Baustoffe Austria

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From deep bunkers up to the alloy slides the Kaiser alloying plants are dimensioned in accordance with the stringent requirements of the implantation area. Components such as S-feeders, vibrating conveyors and collecting tapes are produced individually according to the conditions on site. All components are designed for 24-hour continuous operation. They are planned to make

maintenance easy and for a minimum of wear. At the transfer points, increased protections in form of bolted plates are added. KAISER alloying plants reduce dust levels by aspiration systems, the noise level is reduced by noise-inhibiting systems. All safety equipment corresponds to the latest technical innovations.

## ALLOYING PLANTS

## STATIONARY CONCRETE BATCHING PLANTS

Depending on the series, the Kaiser stationary concrete batching plants have silos from 80 to 1200 m<sup>3</sup>. For the transport, bucket elevators, conveyors, and steep conveyors, as well as vertical and steep inner conveyors are used. For the mixers twin shaft mixers, planetary and plate mixers are also installed. The lower structure of the binding agent storage is also available with interior fittings and sanitary facilities.

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1 Eder Transportbeton, Austria

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2 Kies- und Betonwerk Frei, Switzerland

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3 Asamer, Austria

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4 Kiestag, Switzerland

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5 Märker Transportbeton, Germany

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Due to their balanced load distribution, the KAISER moveable concrete batching plants can be built in different locations; their modular components allow for an optimal adaptation to the available space. Round silos and bunker lines, various conveyors and loading systems, as well as different mixers are available. Further additional silos up and downstream of the production plant allow higher performance.

## MOVEABLE CONCRETE BATCHING PLANTS

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1 Maba, Austria

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2 Geiger, Germany

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3 Mobil Beton, Austria

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## HIGHLY MOBILE CONCRETE BATCHING PLANTS

Maximum flexibility, maximum efficiency and short installation times are obtained with the intelligent modular system developed by KAISER. The components are preassembled in the factory, reducing building time on site, as well as the staff and crane costs, by up to 80%. The series bunkers can be installed in order to increase the capacity up to 320 m<sup>3</sup>.

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1 Strabag, Austria

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2 Österreichische Betondecke Arge,  
Austria

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3 Cemex Hungaria, Hungaria

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4 Wopfinger Transportbeton, Austria

KAISER plants according to individual customer requirements and applications are also applied for concrete batching plants for precast parts. According to the performances, the plants are planned in all their aspects in order to reach a constant high production quality for the production of concrete elements and precast concrete products.

## CONCRETE BATCHING PLANTS FOR PRECAST PARTS

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1 Maba Micheldorf, Austria

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2 Maba, Hungary

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3 Weissenböck, Austria

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4 Kirchdorfer Fertigteilverwaltung, Austria

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5 Kohlbacher, Austria

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6 Spengler, Germany

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## CONVEYING SYSTEMS

Conveying belt systems with up to 30° inclination, cup or double-cup elevator, dispatching, dosing, weighing or any special systems – also in conveyor technology KAISER has more than 30 years of know-how. Vertical or twisted conveyor lines, as well as high flow rates lines such as rail unloading stations, can also be produced.

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<sup>1</sup> Transportbeton Wien, Austria

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<sup>2</sup> Böhler Edelstahl, Austria

Another contribution to cost reduction and environmental protection: KAISER recycling plants and concrete reclaimers decompose fresh concrete from stationary and mobile concrete batching plants into raw materials and make them reusable. Like all KAISER plants, the recycling plants and concrete reclaimers are solid and reliable, and used for the effective disposal of dusts and filter cakes.

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1 Eder Transportbeton, Austria

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2 Strabag, Austria

## FRESH CONCRETE RECLAIMERS

### SPECIAL PLANTS

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Special plants are produced for specific mixtures of dusts from the industry, as for example designed for UEG Erzberg, Austria.

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