

IBAU HAMBURG

A MEMBER OF THE HAVER® GROUP

Effective. Efficient.

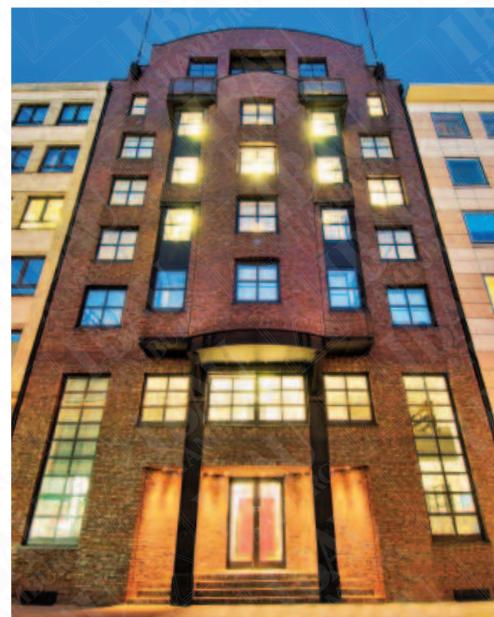
Plant design.
Engineering.
EPC-Contracting.

Welcome to IBAU HAMBURG:

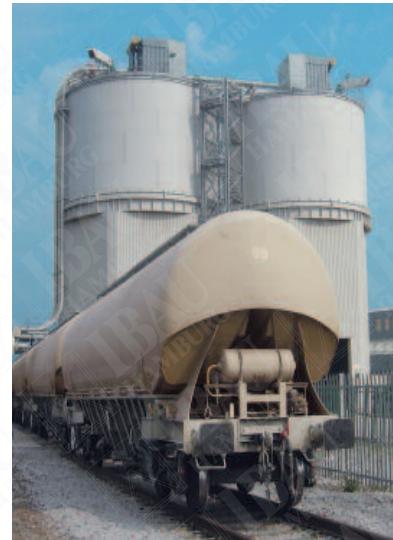
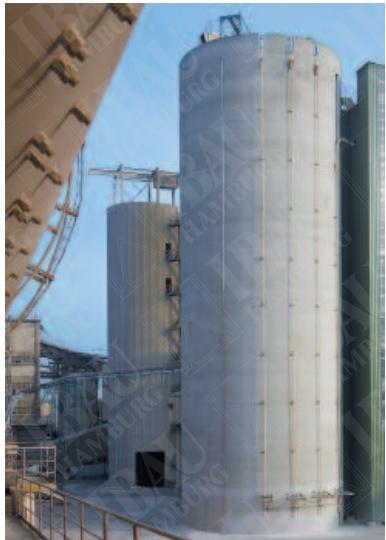
The solution provider



The Headquarters of IBAU HAMBURG are situated right in the center of the City of Hamburg, Germany's biggest port and trading city.



In 1975 IBAU HAMBURG startet with an immediate success: The development of the ORIGINAL CENTRAL CONE SILO, the most important step towards the modern silo and mixing technology, related to the storage and retrieval of powdered mineral bulk products.



COMPANY ACTIVITIES

All you need to know about:

Cement Industry

Raw Meal Silos

Cement Silos

Multicompartment Silos

Terminals

Cement Carriers

Ship unloaders

Coal-fired Power Plants

Fly Ash Silos

Lime and pulverised Limestone Silos

Conveying Systems

FGD Product Handling

Dried Gypsum Handling

Ship unloaders

Alumina Industry

Alumina Silos

Conveying Systems

Loading Stations

In-Plant Storage

In-Plant Conveying

Ship unloaders

Plant design. Engineering. EPC-Contracting.

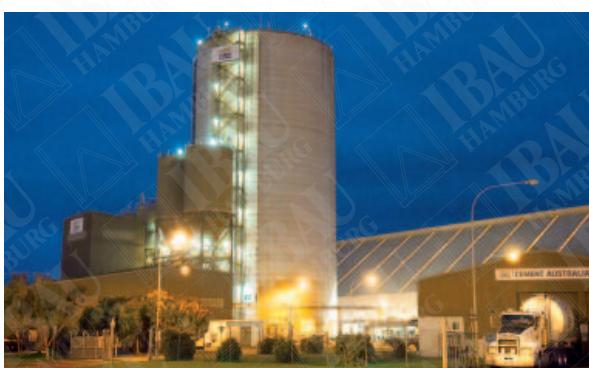
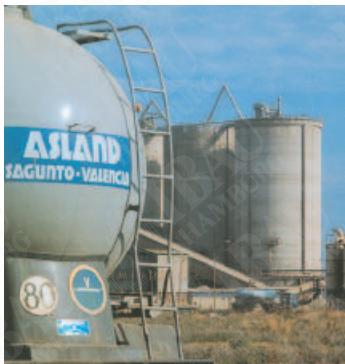
IBAU HAMBURG in the Cement Industry



IBAU CENTRAL CONE SILOS –
in many different varieties – are
the most efficient silos for storage and
dispatch of cement.

The central cone is used to accommodate the necessary machinery and equipment such as: blowers, filters, electric control boards, compressors, IBAU Pumps, etc.

Silos with a raised bottom – built as drive through silos – are favoured, because no intermediate transport is required to feed the packer or the bulk loading facilities.



IBAU HAMBURG in the Cement Industry

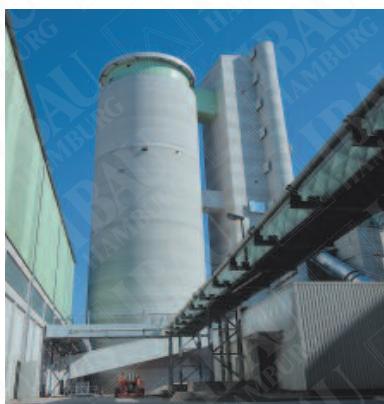
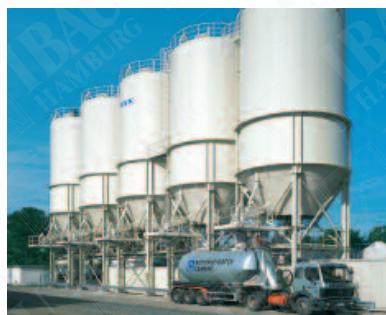
Raw Meal Silos



Cement Silos

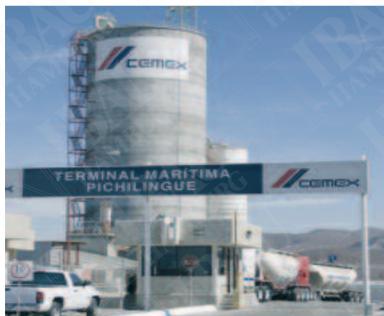


Multicompartment Silos



Raw Meal Silos, Cement Silos, Multicompartment Silos:
The CENTRAL CONE SILOS with the discharge concept
of IBAU HAMBURG - Safety First.

Terminals



Cement Carriers



Ship unloaders



Terminals, Cement Carriers, Ship unloaders:
SHIP LOADERS and UNLOADERS for pulverised bulk goods
are another IBAU speciality.

IBAU HAMBURG in Coal-fired Power Plants

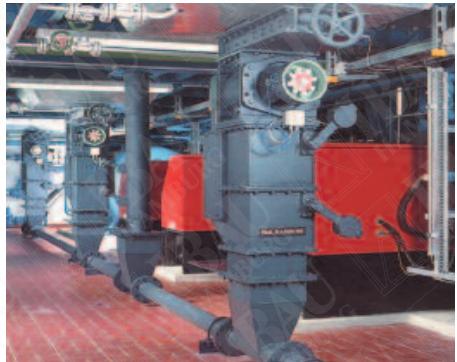


IBAU HAMBURG supplies pneumatic bulk material handling systems for modern power plants with coal-fired boilers.

Generally, the bulk goods handled are fly ash and FGD product from the flue gas cleaning systems.

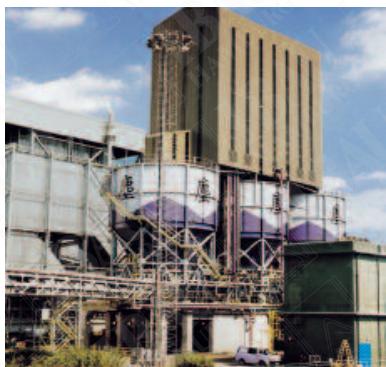
In these plants the lime, pulverised limestone, FGD product, dried gypsum, and, of course, fly ash are conveyed and stored by means of IBAU equipment.

IBAU's scope of supply includes deashing systems for electrostatic precipitators, storage bins and silos as well as IBAU Fluidslides, IBAU Pumps, IBAU Jet Conveyors, IBAU Fpipe and pressure vessels.



IBAU HAMBURG in Coal-fired Power Plants

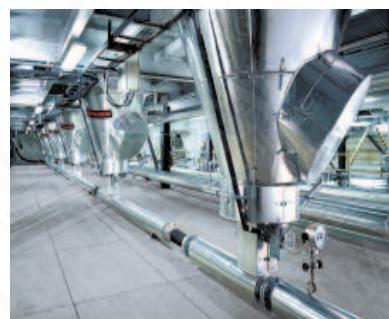
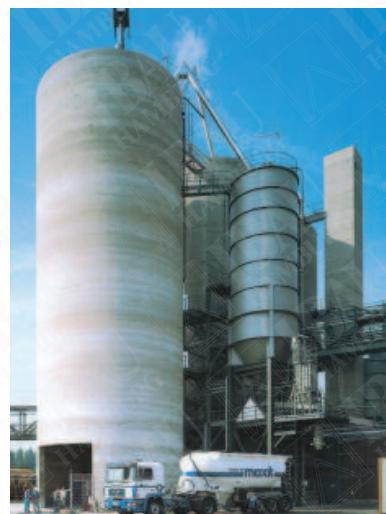
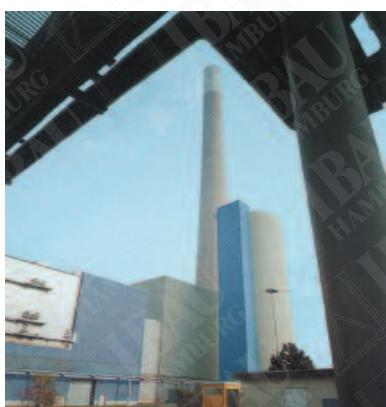
Fly Ash Silos



Lime Silos



Conveying Systems



Fly Ash Silos, Lime and pulverised Limestone Silos, Conveying Systems:
IBAU HAMBURG supplies pneumatic bulk material handling systems
for modern power plants.

FGD Product Handling



Dried Gypsum Handling

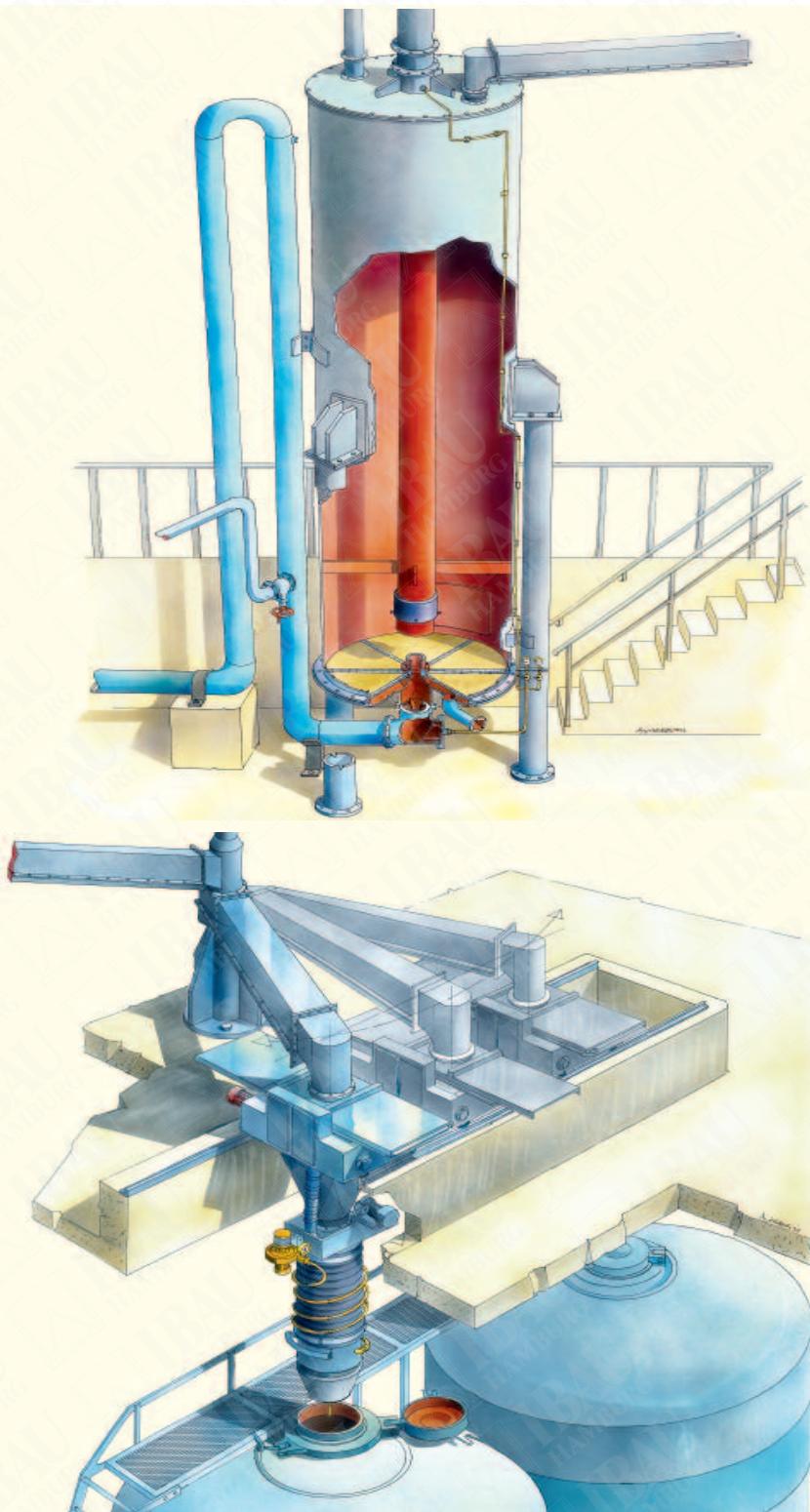


Ship unloaders



FGD Product Handling, Dried Gypsum Handling, Ship unloaders:
The scope of supply ranges from bulk material conveying systems with IBAU Pumps,
Jet Conveyors, Fpipe, etc. to Ship unloaders.

IBAU HAMBURG in the Alumina Industry



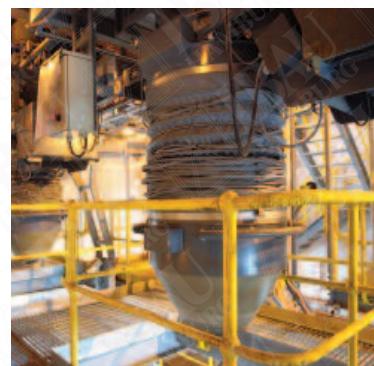
Modern aluminium smelter plants are designed for production capacities of approx. 600,000 tonnes/year.

Besides reliability and minimum environmental impact, importance is increasingly attached to improved technology and high process stability.

In this sector IBAU HAMBURG offers the relevant technological expertise, advanced international experience and cutting-edge technology for such plants.

The bulk material handling includes:

- Unloading of ships, railway wagons and trucks
- Mechanical or pneumatic material transport
- Silo storage and loading equipment
- Anti-segregation system



IBAU HAMBURG in the Alumina Industry

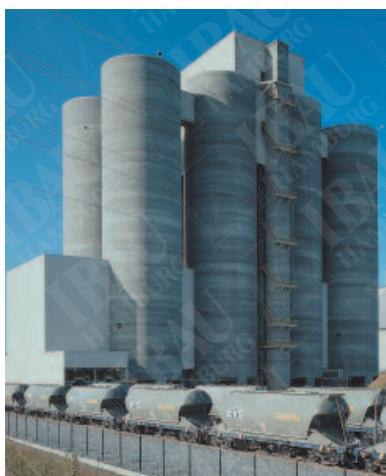
Alumina Silos



Conveying Systems



Loading Stations



Alumina Silos, Conveying Systems, Loading Stations:
IBAU HAMBURG has revolutionised
the anti-segregation system and the process stability.

In-Plant Storage



In-Plant Conveying

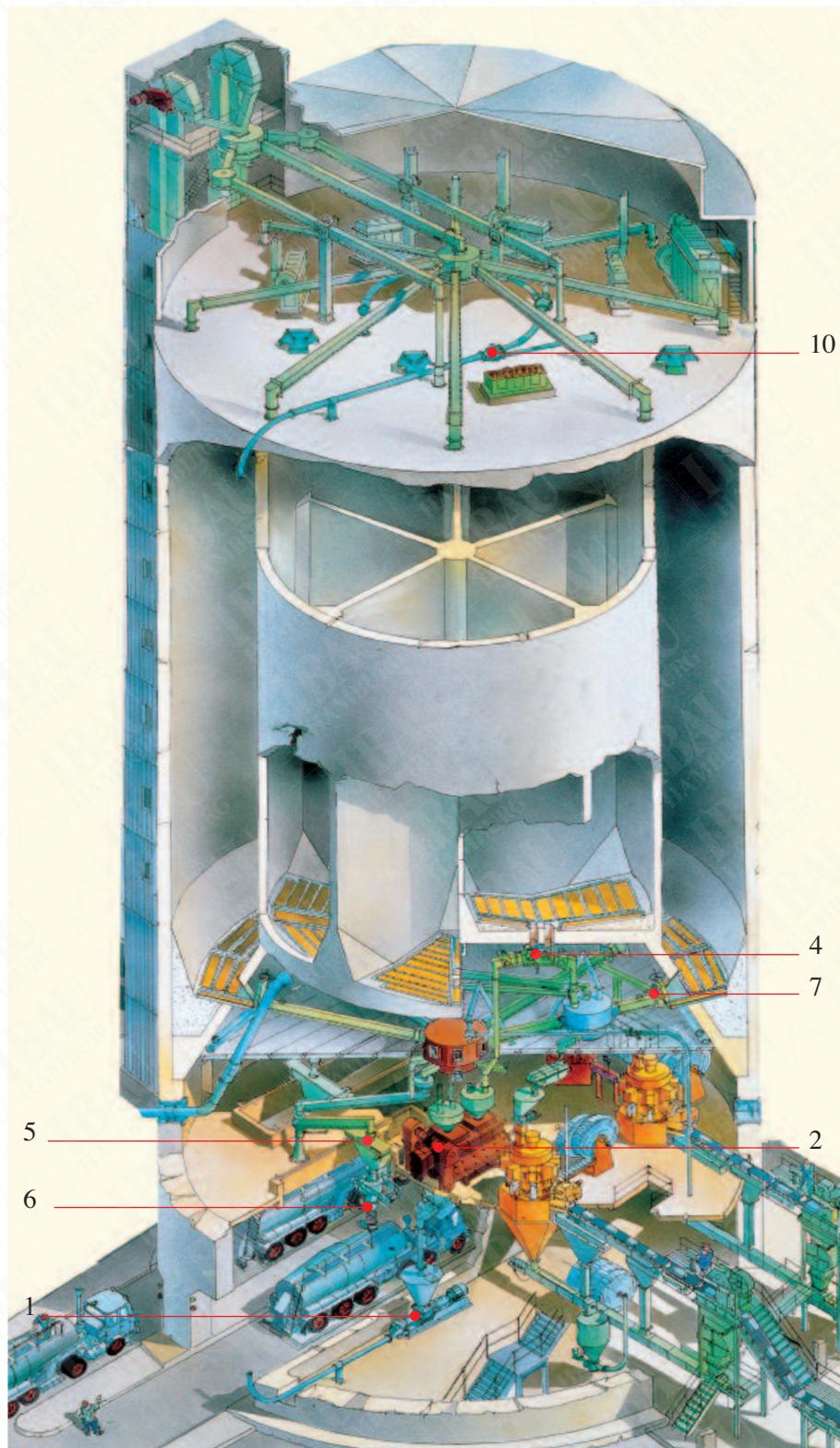


Ship unloaders



In-Plant Storage, In-Plant Conveying, Ship unloaders:
IBAU HAMBURG offers
the technological expertise and advanced international experience.

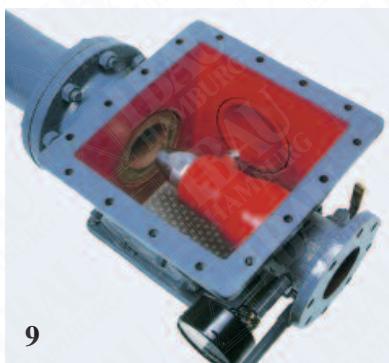
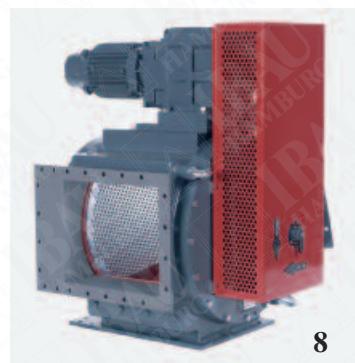
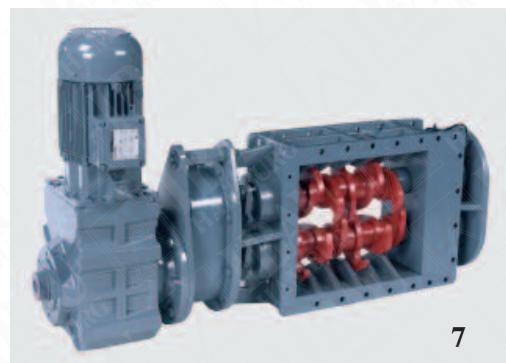
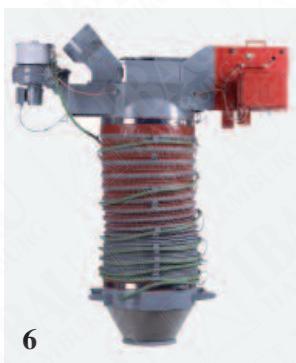
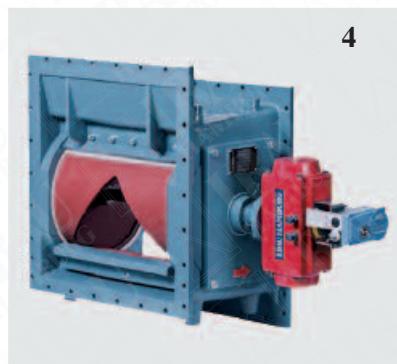
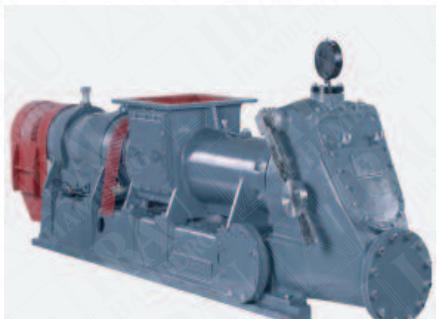
The IBAU HAMBURG Original components: The best for trouble-free operations of silo plants



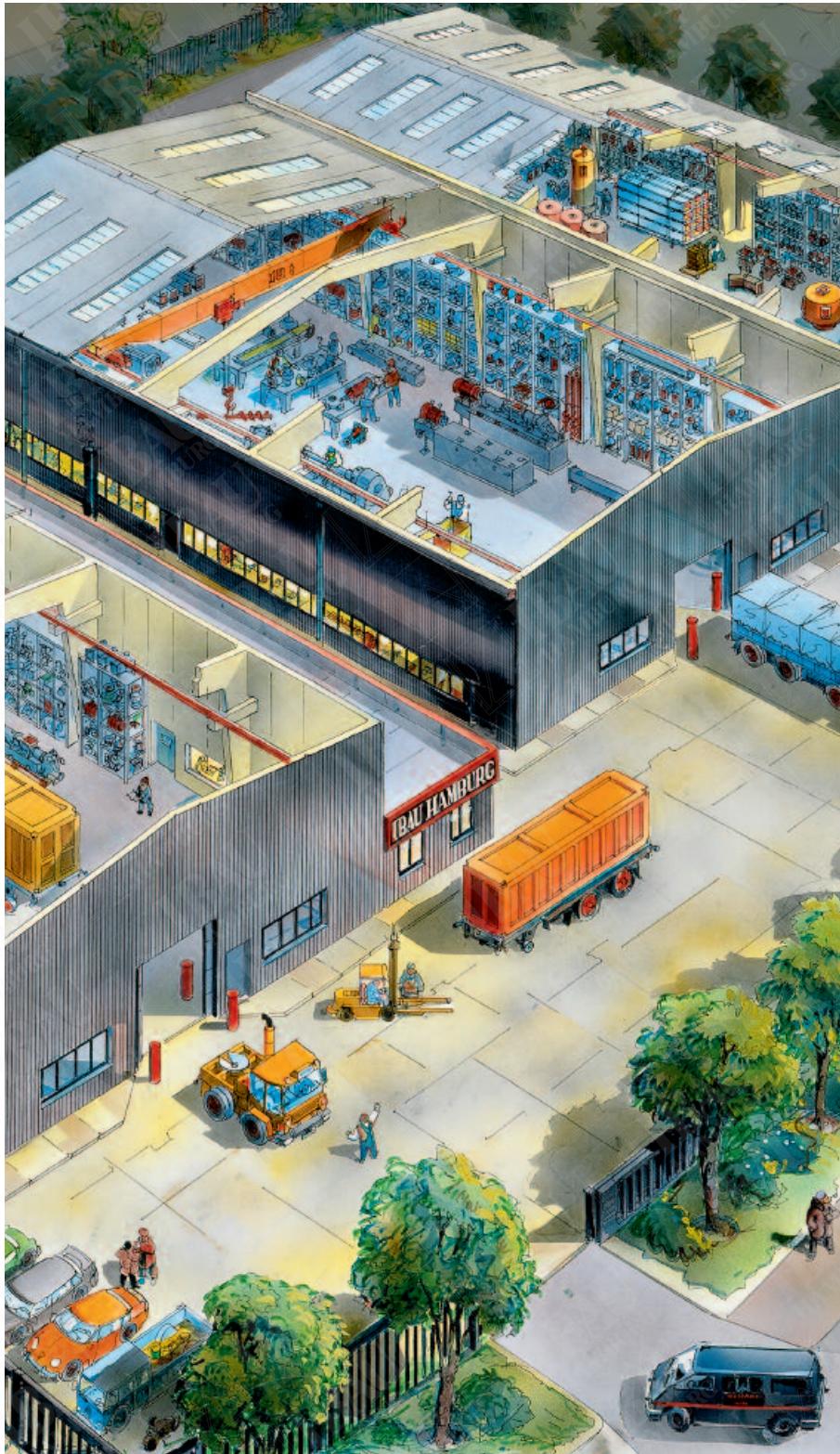
Components engineered by IBAU HAMBURG in connection with the IBAU plant engineering are the key for a well functioning plant.

Our scope of supply includes the planning of complex plants up to the development and construction of single components such as, among others, the

- 1 IBAU Pump
- 2 IBAU Mixer
- 3 IBAU Cut-off gate
- 4 IBAU Flow-control gate
- 5 IBAU Simplex loader
- 6 IBAU Loading chute
- 7 IBAU Lump crusher
- 8 IBAU Roller-type discharger
- 9 IBAU Jet conveyor
- 10 IBAU Two-way valve
- 11 IBAU Airlift

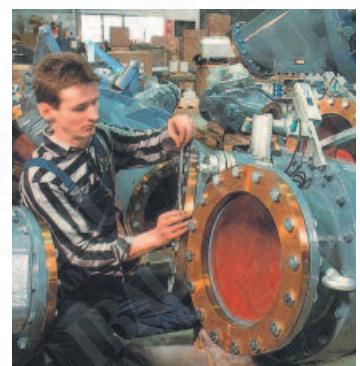


Quality first: The IBAU Warehouse and assembly shops on more than 12.000 sqm

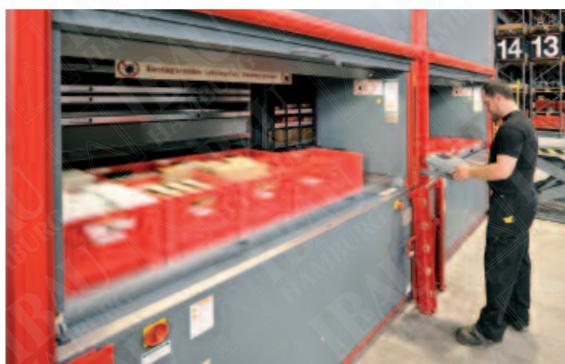


Most of the components of our equipment are collated in the IBAU HAMBURG warehouse prior to dispatch.

After being checked, the components go either to the spare parts department or are assembled and finally packed for dispatch.



The IBAU Just-in-time-system: Our giant stores Allermöhe and Gallin near Hamburg







Welcome to the world of IBAU HAMBURG

References make differences

Adelaide Brighton
 Adriasebina · AE&E · Akcimento · Alamo Cement
 Alcoa · Aldo Barbetti · Alesa · Alpine AG · Alstom · Aluar · Andre
 Büechl · Anglo-Alpha · Anglo American · Anneliese · Ansaldo · Arabian Bulk
 Trade · Arabian Cement Aleppo · Arabian Cement Rabigh · Arcelor Mittal · Arquata
 Cementi · Ash Grove · Asia Cement · Asland · ASMAS · Assiut Cement · Atlantic Cement
 Aumund · Australian Cement · Austroplan · Bakoma AG · Bamburi Cement · Barkisan · Bastas
 Cement Bateman · BatiAnadoluCimento · Baustoffwerke Durmersheim · Bayermwerk · Belapatsfalva · Beni Suef
 BEWAG · Blue Circle Cement · Bolu Cimento · Box-Crow Cement · Brise Schiffahrtsgesellschaft · Bündner
 Zementwerke · Buxton Lime Industries · CADEM Meknes · CALCIA · Canakkale Cimento · Cape Portland Cement
 Caribbean Cement · Carmeuse · Castle Cement · CBMI · C.C.B. Gaurain-Ramecroix · Cemensud · Cementa AB
 Cementarna Mokra · Cementas Diamante · Cementeria Constantinopoli · Cementera Pescara · Cementeria Sebina · Cementerie del
 Tirreno · Cementerie Siciliane · Cementi Adriatico · Cemento Andino · Cemento Cerro Blanco · Cemento Indon · Cemento Melon
 Cemento Polpaico · Cemento Samper · Cemento Yura · Cementos Alba · Cementos Anahuac del Golfo · Cementos Apasco · Cementos del
 Cantabrico · Cementos Nacionales · Cementos Norte Pacasmayo · Cementos Uniland · Cementos Veracruz · Cemex · Ceminter · Ceva
 Prachovice · Chettinad Cement · Chia Hsin Cement · China Cement · China Light & Power · Chin Tai Cement · Christian Pfeiffer · CIA
 Valencia · CIE Mineira de Cimento Portland · CIFA Progetti · Cimentas Izmir · Cimenteries CBR · Cimento Aratu · Cimentos do Brazil · Ciment
 Portland Liegeois · Ciments Artificiels Tunisiens · Ciments Calcia · Ciments d'Agadir · Ciments de la Loire · Ciments du Maroc · Ciments
 d'Obourg · Ciments d'Origny · Ciments du Sahel · Ciments de Saïda · Ciments du Togo · Ciments Français · Ciments Luxembourgeois · Ciments
 Vigier · Cimpor Cimprogetti · CNBM · Colacem Galatina · Coperion · Daewoo Heavy Industries · DAL · Dalmia Cement · Dangote Group
 De Cardenas · Deuna Zementwerke · Diamond Cements · Dornburger Cement · Durban Cement · Dyckerhoff · ECO CEM · ENEL · E.ON · ERCO
 Zahana · E. Schwenk · Eurocement · Fabrica de Cementos Rio Claro · Fabrica del Cemento el Indon · FAM Magdeburg · Fives FCB · Felswerke
 Fujairah Cement · Fuller USA · Gearbulk · Gebr. Pfeiffer · General Portland · Ghacem · Ghana Cement Works · GKW Mannheim · Gmundner
 Zemenwerke · Goliath Portland Cement · Gorgan Cement · Gorgan & Mazanderan · Graf Wulff · Grasim Cement · Gulf Cement · Halkis Cement · Halla Cement
 Halyps Cement · Hanil Cement · Hanjin Heavy Industries · Haver & Boecker · Hegmatan Cement · HeidelbergCement · Heracles General Cement
 Hitachi Power Europe · HOLCIM · Hormozgan Cement · Hornos Iberica · Hyundai Heavy Industries · IKN · IMS S. A. · Indian Rayon · Indocement · Irish
 Cement · Ishikawajima · Ital cementi · Izmir Cimentas · Jordan Cement · Juan Minetti · Jurong Port · Kaldin B. V. · Kalksteinwerk Vilshofen · Karsdorfer
 Zement · Kawasaki · KCP Ramakrishna Cement · KCP Satna Cement · Kedah Cement · KHD Humboldt Wedag · Khuzestan Cement · Kirchdorfer
 Zementwerke · Knauf Engineering · Kobe Steel · Konya Cimento · Korea Zinc · Krupp Polysius · Kuwait Cement · KW Mehrum · La Auxillar de la
 Construcción Tenerife · La Cementos Nacional · Lafarge · LCN Guayaquil · Lehigh Cement · Les Ciments Artificiels Tunisiens · Lhoist · Loesche · Lurgi
 Australia · Lurgi Corporation · Lurgi Lentjes Babcock · Ma'aden · Macau Cement · Magaldi · Malaysia Berhad · Man Wah Company · Mitsubishi
 MUEG · Mustekam Cement · Mysore Cements · Nababtec · National Cement Co. · National Cement El-Tabbin · Neckarwerke · Nesher Israel
 Cement · New Zealand Cement · Neyriz White Cement · Nihon Cement · Northern Cement · Nova Cimangola · Novoroscimento · NUH Cement
 Omya · Onoda Cement · Opel Kraftwerk · Orient Paper · Orissa Cement · Oy Lohja · Pan United · Paul Wurth Umwelttechnik · PCW Siggenthal
 Perak-Hanjoong Simen · Perlmooser Zementwerke · Pioneer Cement · Polysius Corporation · Portland Valderivas · Pretoria Portland Cement
 Preussen Elektra · Priyadarshini Cement · Qassim Cement · Qatalum · QCL Gladstone · QCL Townsville · Rajashree Cement · Rayon
 Cement · Raysut Cement · Readymix Hüttenzementwerke · Redecam · Rheinbraun · RKW Wülfrath · Rüdersdorfer Zement · Rudolf
 Rohrbach · RWE Power · Saarbergwerke · Sanghi Cement · SCB Eclépens · Schäfer Kalk Schencking · Sebryakovcement · Semen
 Andalas · Semen Gresik · Semen Padang · Semen Perkasa · Semen Tonasa · Sereland Shargh Cement · Sibirskiy Cement · Sinoma
 Slovenské Energetické · S. N. M. C. Ain-Kebira · S. N. M. C. Beni Saf · S. N. M. C. Bouira · S. N. M. C. Said · S. N. M.
 C. Zahana · Sociedad Financiera y Minera Malaga · Soccim · Solomit Anhovo · Solvay Barium · SOKOTO · Souk El
 Khamis · South Cement Comp. · Speco S. A. · Ssangyong Cement · Stadtwerke Erlangen · Stadtwerke Flensburg
 Stadtwerke München · Stadtwerke Neumünster · Stadtwerke Pforzheim · St. Lawrence Cement · Sung
 Shin Cement · Syrian Cement · Tasek Cement · Tengara Cement · The Gualior Rayon Silk · Tong Yang
 Chia Hsin · T. P. I. Polene · Udaipur Cement · Unicem · Uniland Cementera · Uniysore Cement
 U.S.A.G. · Venezolana de Cementos · Vattenfall · VICAT · Vigier Cement · Vikram
 Cement · VW Kraftwerk · Wietersdorfer Zementwerke · Wopfinger Stein-
 und Kalkwerke · Wulff Deutschland · Würather Zement
 Yanbu Cement · ZEAG Lauffen · Zement-
 werk Leube

With IBAU HAMBURG you are always in good company

IBAU HAMBURG - THE STATE OF THE ART



Cement silo installation with bulk loading
in Samalayuca / Mexico



Alumina silos with bulk loading,
Qatalum, Qatar



High capacity mixing plant
HOLCIM, Antwerp / Belgium



Coal-fired power plant
Mehrum / Germany



Shipunloader on rubber tyres for Continental
Florida Materials, Port Canaveral / USA



M.V. CEMSEA and M.V. CEMSTAR selfdischarging
cement carriers for Brise Schiffahrtsges. / Germany

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