

**BULK MATERIAL TECHNOLOGY
MADE-TO-MEASURE**



**YOUR
GOODS ARE
BETTER
OFF.**



**[wood pellets, pellets / wooden materials, biomass
grain, animal feed and foodstuffs / metal, mineral, building materials
residual materials, ash, sludge / job order production]**

www.knoblinger.com

TAILORING THE TECHNOLOGY. // ENHANCED SOLUTIONS.

Our experience: over the decades.

The company Albert Knoblinger Gesellschaft m.b.H. & Co. KG, with its headquarters in the Upper Austrian Inn region, has been a pioneer in bulk material technology for over 100 years. In its business, Knoblinger combines traditional expertise with innovative solutions.

With the acquisition of the company and hall 7 "Sheet piling" in 2015, Knoblinger has expanded to a new area of business. Knoblinger is firmly established in the field of bulk material systems, yet small enough to be able to market flexible and tailor-made concepts that range from project planning through to installation.

Company site:	11,500 m ² – 6,000 m ² of which devoted to production
Export share:	80 %
Sectors:	wood pellets, pellets / wooden material, biomass / grain, animal feed and foodstuffs / metal, mineral, building materials / residual materials, residual materials, ash, sludge / job order production
Markets:	Austria, Europe, Asia, North and South America



Our goal: a satisfied customer.

Knoblinger's satisfied customers include renowned companies from all over the world. The strength of this generation-spanning company is its ability to provide customized solutions that are tailored precisely to the exact needs of its customers and adapted to the specific characteristics of the bulk materials.

Our on-going quality assurance system is checked and audited regularly by external experts.



PROFOUND EXPERTISE. //BETTER RESULTS.



Made-to-measure for each business segment.

Knoblinger delivers bulk materials technology that is made-to-measure! Our competencies cover 6 segments; so we can offer a solution for each individual application that is tailored to specific customer needs. In addition to a full range of mechanical and pneumatic conveyor components, the product range also includes facilities for storage, preparation, flow control, weighing, mixing, loading and unloading.

FROM THE COMPONENT TO TURN-KEY. //ENHANCED PRODUCTS.

// screw conveyors
// chain conveyors
// belt conveyors
// bucket elevators



// silo works and
hoppers



// grinding and
sifting plants
// mixing installations
// preparation installations
// wood pellet plants



// loading plants and
bagging equipment



We focus on high quality.

Knoblinger has always been relying on highest-quality products and components. Only solid and robust individual components can ensure long-lasting operational integrity, and provide the more economical solution in the long term.

SAFE PROCESSES.
//ENHANCED SERVICE.

QUALITY CONSCIOUS.
//IMPROVED OUTPUT.



// CAD DESIGN



// ENGINEERING



// LASER CUTTING



// BENDING



// WELDING



// ASSEMBLY



// INSTALLATION



// CUSTOMER SERVICE



// SPARE PARTS PROVISION



From the planning stage through to commissioning.

Knoblinger cooperates with its customers to develop tailor-made, practical and economical solutions. Our development and implementation team utilizes state-of-the-art technical tools (3D CAD software, ERP system, laser-cutting systems, etc.) and therefore ensures that the order is completed on schedule. The production process is characterized by top quality combined with high

versatility. Knoblinger offers comprehensive installation, maintenance, training and repair services to ensure that your systems always run reliably and trouble-free. In all its divisions, Knoblinger engages experienced, long-standing employees, who are familiar with the special requirements of each type of bulk material. In our apprentice training program, we train our future experts in-house.

WOOD PELLETS. //FROM THE PLANNING THROUGH TO SERVICE.

More than **30 systems realized**
2.5 million t/year installed
production capacity.



Loading systems up to 120 t/h



Complete installations, "turn-key" on demand



Raw material pickup with hydraulic
discharge activator



Pelleting systems from 2 to 40 t/h

In addition to systems for pellet production, we also offer pellet storage and loading technologies. If desired by the customer, we can also install full turn-key systems.

With over 30 installed systems, we can rightly claim to be a European market leader in this field. Our systems are at home in Western, Central and South Eastern Europe, as well as in Russia. With system performance figures from 2 to 40 t/hour, we cover an extremely wide performance range and can also process other biogenic materials besides saw mill residue (like saw dust and wood chips).



Wood chip wet cutting



Pellet storage and loading silo works with filling
and loading technology

BIOMASS HANDLING. //ALL ABOUT WOOD.

Depending on the requirements, we can deliver **individual components** or even **complete systems**.



Systems from 15–600 m³/h with bucket elevators / chain conveyors / screw conveyors

Knoblinger can draw on more than 25 years of experience in this segment. This enables us to convey, store and process shredded biomass from numerous different origins in a wide range of grain sizes, textures and moistures. Our company philosophy aims at providing our customers with the optimum tailored solution for their products and applications. Our satisfied, long-term customers include many renowned companies from the wood materials industry and bioenergy sector.



Dryer discharge system



Loading plant



Filling and discharge for silo works



Dosing hopper with worm flooring



Dosing hopper rotary discharge



Sieving and sorting system



Coarse material and metal separation



Feed hopper



Hydraulic discharge activator (push-floor system)

SENSITIVE MATERIAL. //SPECIAL TREATMENT.

Conveying and storage
require high standards
of **hygiene.**



Silo bin feeding via chain conveyors and pneumatic gate slides

Each material, particularly grain and foodstuffs, places special demands on the method of transport. The task is not merely to convey the material but to comply with the standards for hygiene, and at the same time observe the particular properties of the individual materials. No matter whether you are a brewery, warehouse, agricultural trader, food producer, compound feed factory or mill: we will take best care of your material.



Loading silo works at a port on the Danube



Silo plant for grain



Product distributor comprising belt bucket elevator, chain conveyor and revolving tube distributor



Loading silo works

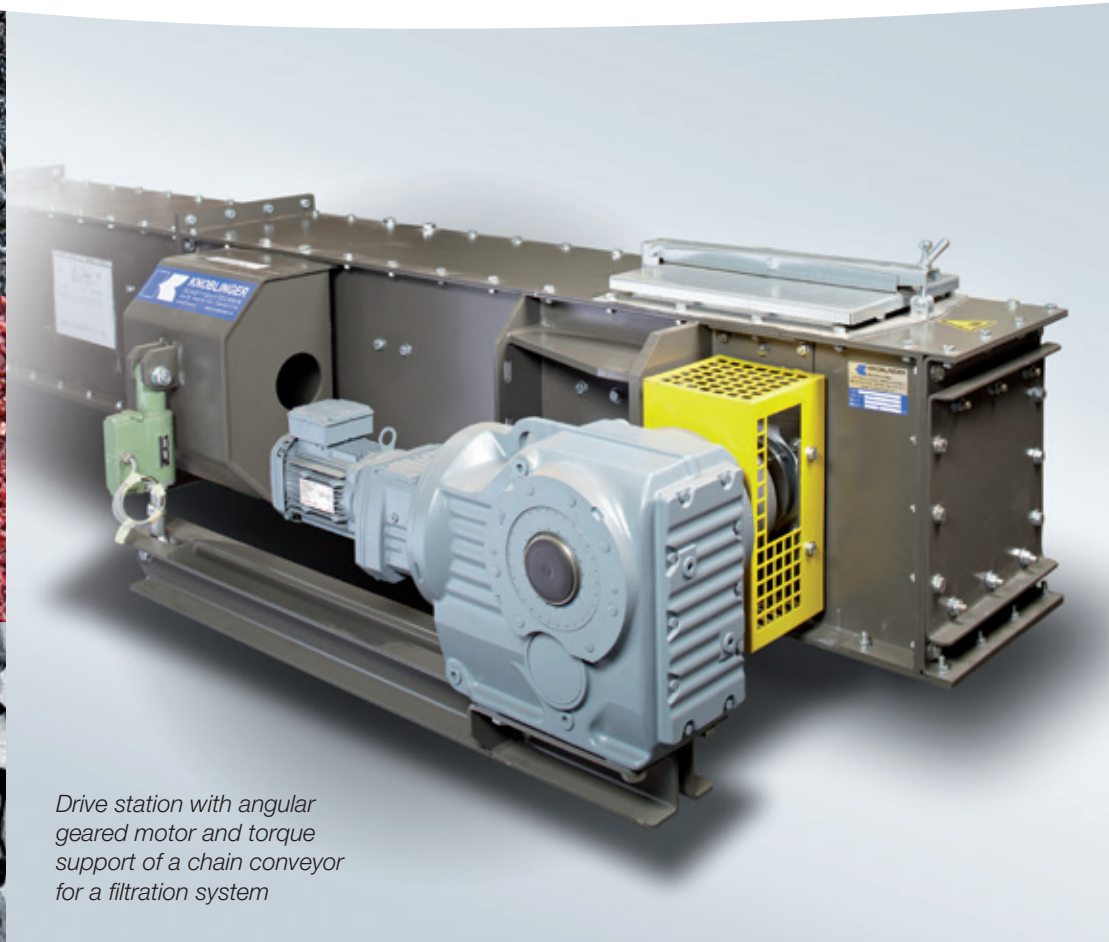


Drive station of a chain conveyor

ROBUST CONSTRUCTION. //LONG SERVICE LIFE.

Long-life system concepts

for segments with high loads
and stringent demands.



Knoblinger focuses on long-life, robust concepts in the metal / mineral / building materials segments. We supply customers in steel, construction, cement and fibre industry, as well as filtration units, salt and mineral producers. Our solutions encompass chain conveyors, belt and chain bucket elevators, belt conveyors, through screw and tubular screws combined with dosing hoppers, loading equipment and silo discharge systems. Each system is designed specifically to match customer requirements.



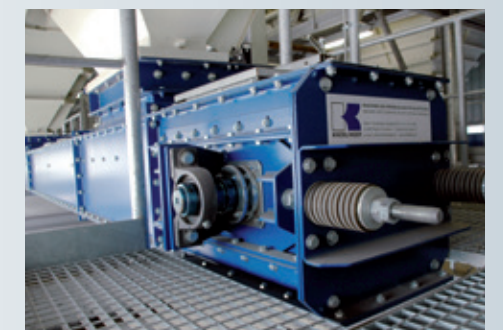
Silo discharge with gate slides and rotary valve



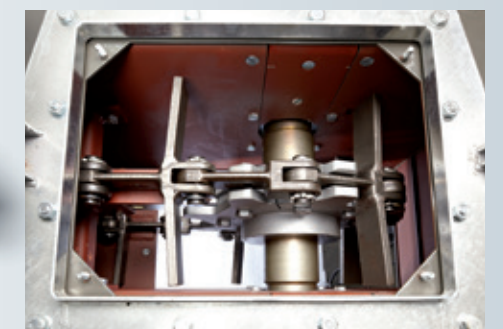
Installation of a chain conveyor in a filtration system



Bottom station of a belt bucket elevator with injector screw



Tensioning station of a chain conveyor for filtration system



Drive system of a chain conveyor with drop-forged link chain

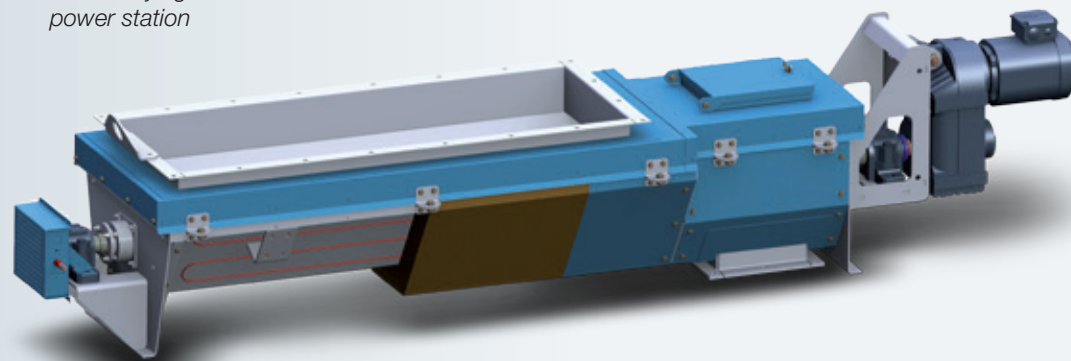
EXTREME CONDITIONS. //TROUBLE-FREE OPERATIONS.

From the residual material to hazardous materials: highest reliability is our commitment.



Loading station for sewage sludge with articulated chain conveyor in a sewage plant

Through screw with heat tracing for conveying ash from a thermal power station



Bottom station of a chain bucket elevator with weight clamping unit



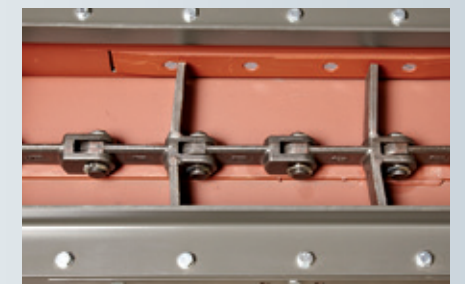
Knoblinger produces systems for sewage plants, power plant operators, thermal power stations and waste incineration according to highly specialized requirements. Whether you are looking for screw conveyors with heat tracing to convey ash or articulated chain conveyors for sewage plants – Knoblinger cooperates with its customers to develop the optimal system concept for any material.



Loading facilities with chain conveyor and loading bellows



Chain conveyor for extraction system in a sewage plant



Drop-forged link chain for chain conveyor



Bushing conveyor chain with screwed plastic tracks

SHEET PROCESSING. //MADE-TO-MEASURE.

Machine park
for specialized **customer requests**
readily available.



laser cutting.

TruLaser 3040

Laser power: 4000 W
Working range: 4000x2000 mm
Max. sheet metal thickness:
- 20 mm mild steel
- 12 mm stainless steel
- 8 mm aluminium
Automatic loading and unloading
Storage capacity: 127 sheets each to 3 t

nibbling and punching.

Trumatic 500

Working range: 3000x1600 mm
Max. sheet thickness: 8 mm
Max. tool size Ø 76 mm

bending.

TruBend 5130

130 t press force
5-axis backgauge
Max. bending length 3000 mm

TruBend 5320

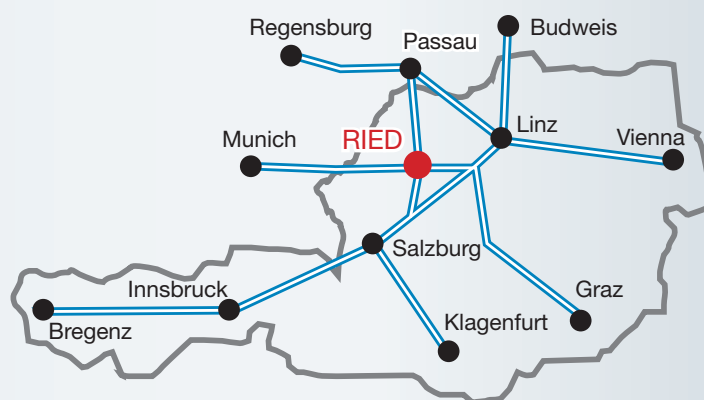
320 t press force
6-axis backgauge
Max. bending length: 4000 mm
t=10 mm S235 max. 4000 mm lg.
t=15 mm S235 max. 1800 mm lg.

**No job is too small –
and no job is too big for us to handle.**

- fast, flexible manufacturing
- large raw material store with variety of sheets
- short delivery times
- other production steps also available on request
(welded constructions, assembly modules, etc.)



**Successful companies rely
on KNOBLINGER.**



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