

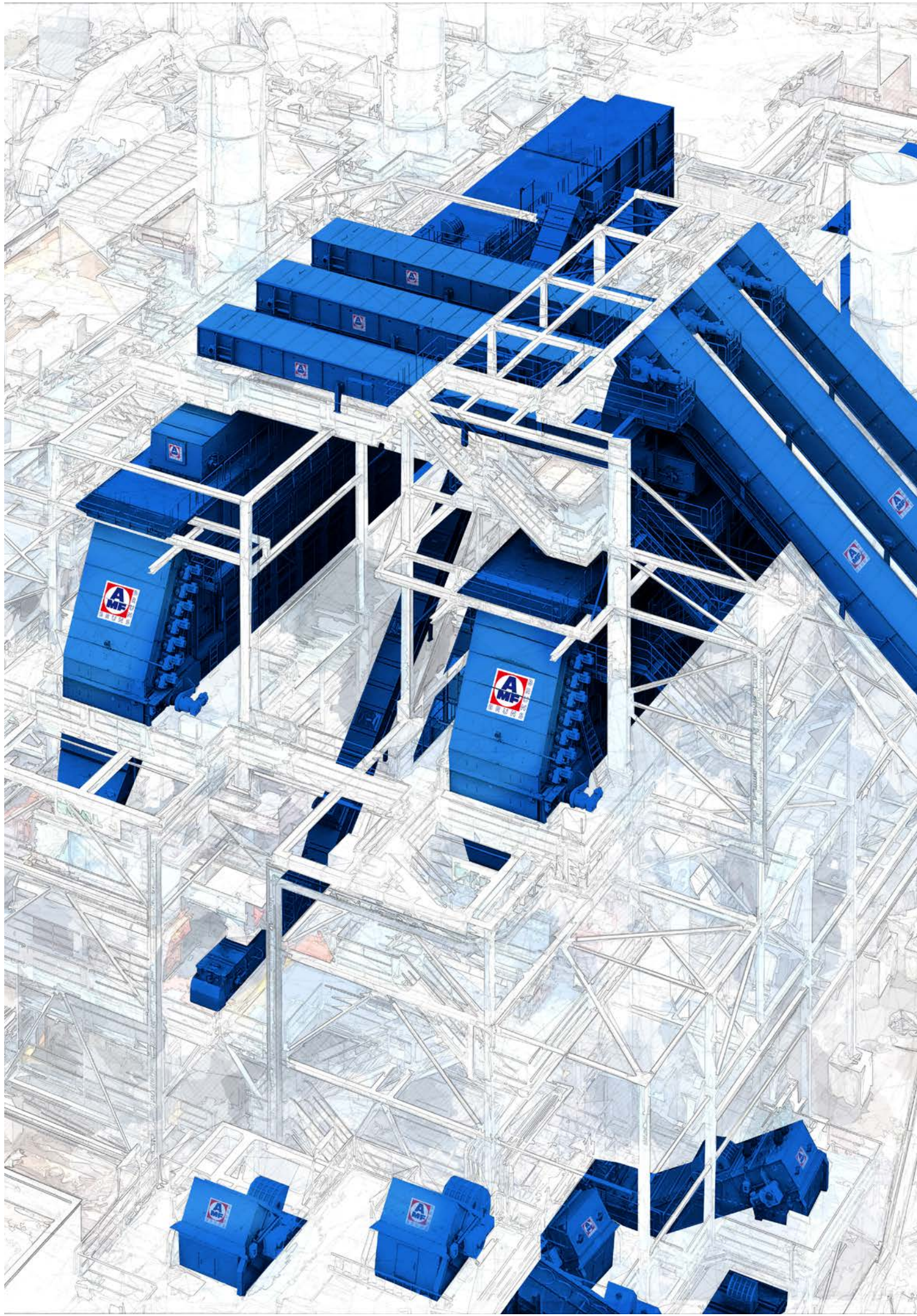
AMF-Bruns storage and buffer solutions

Feeding and discharge equipment



CONVEYORS
INDUSTRIAL SOLUTIONS

www.amf-bruns.com



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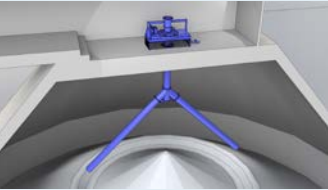
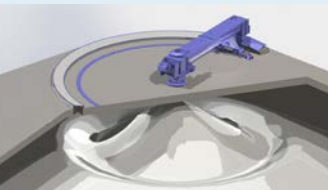
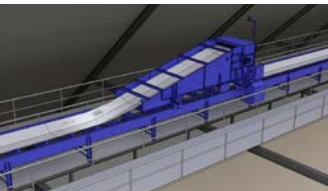
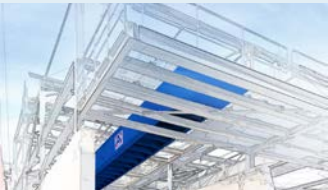
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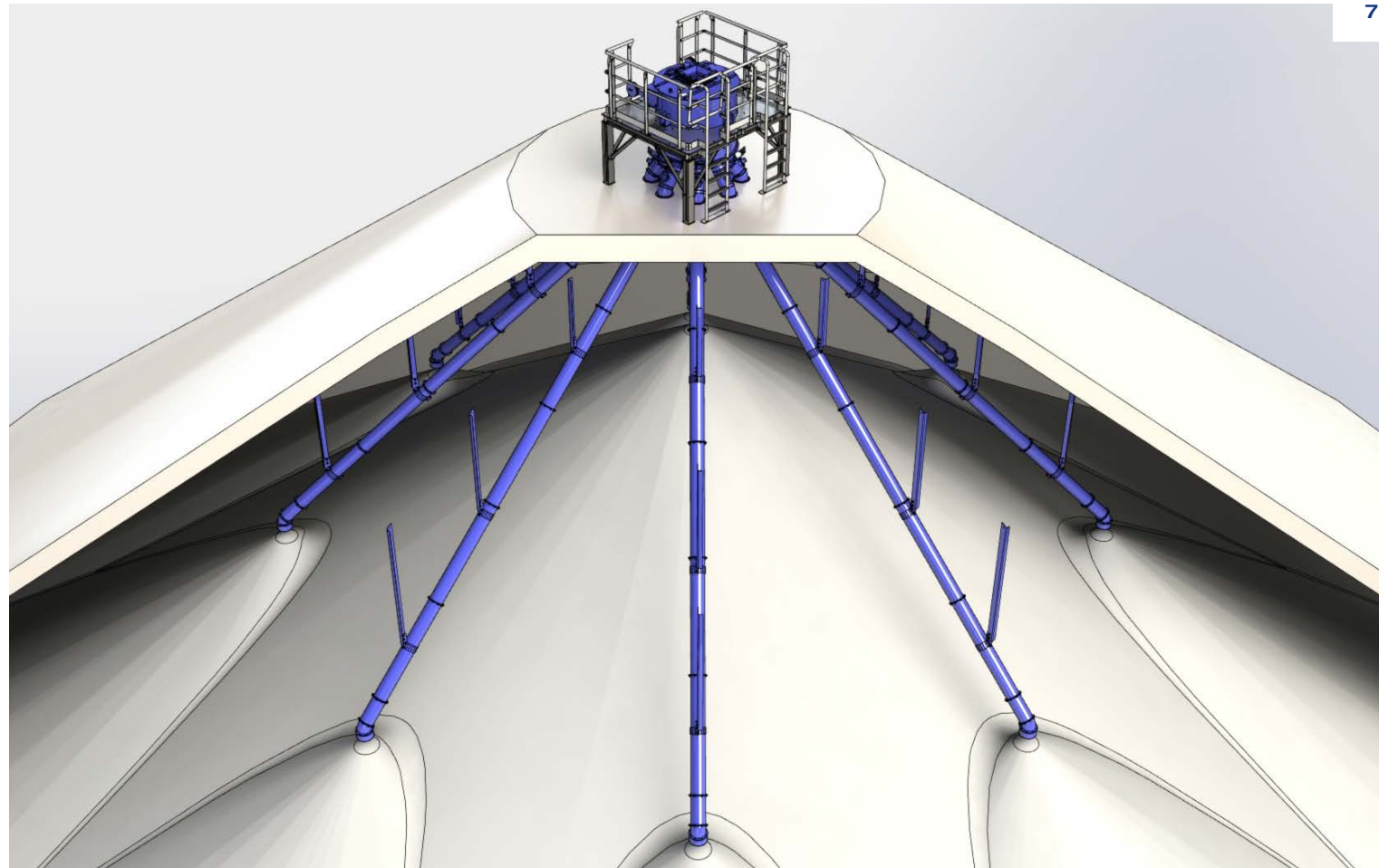
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Feeding systems from AMF-Bruns

The right system for every bulk material

	wood chips	OSB	recycled materials	biomass	bark/ splinters	sugar	paper sludge	RDF	fertiliser	salt
 Rotary pipe distributor More information on page 6										
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Gravimetric pipe distributor

GRV

Applications

Industry: • Sugar industry

Technical specifications

Storage volume:	up to 100,000 m ³
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Feeding rate: up to 150 m³/h

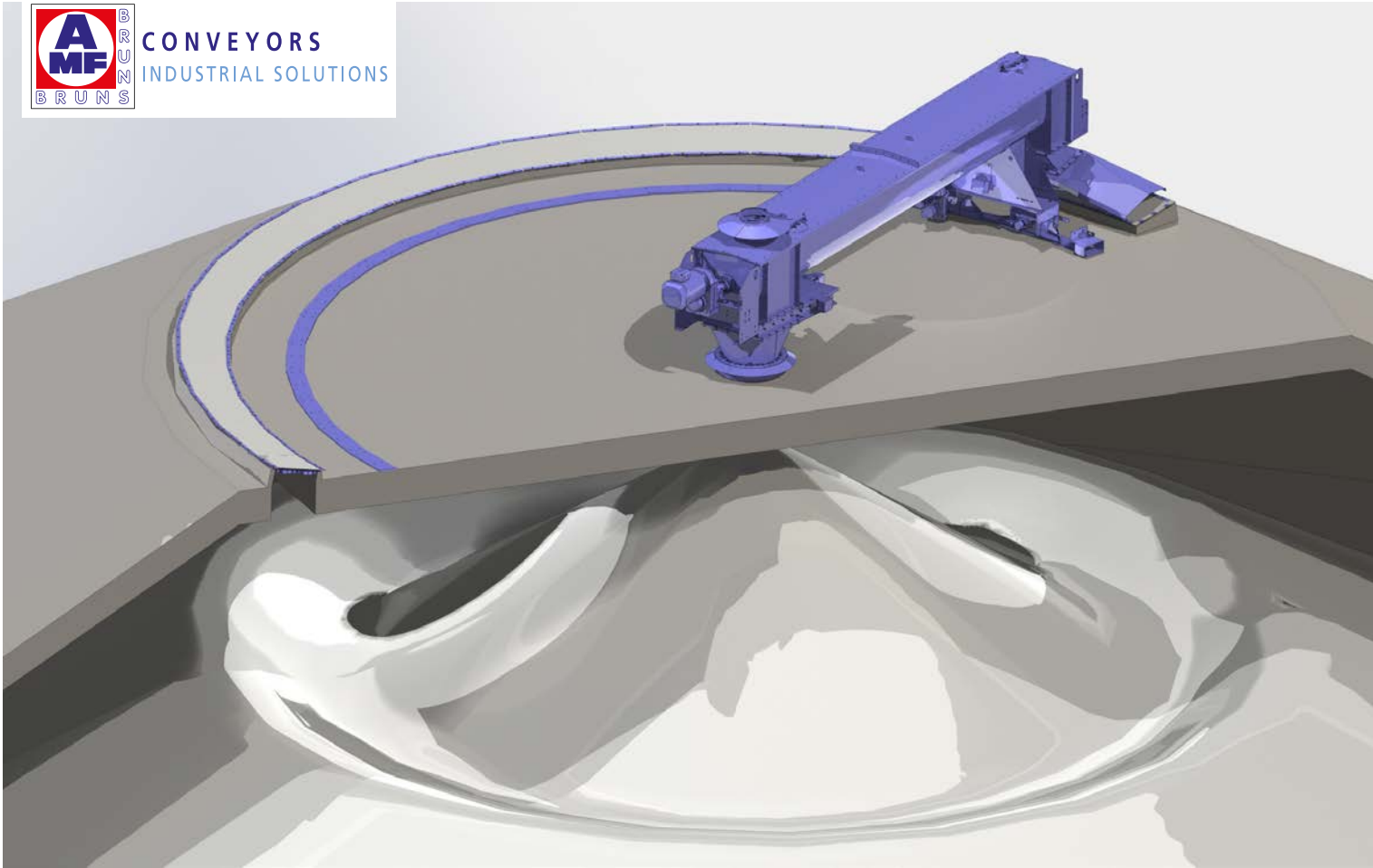
Options:

- additional level sensors
- ATEX design
- Custom designs available upon request

Benefits

- Even particle size distribution throughout the silo
- No drive components required
- Air-tight seal during idle periods
- Uniform static silo filling





Rotary screw conveyor RTSF

Applications

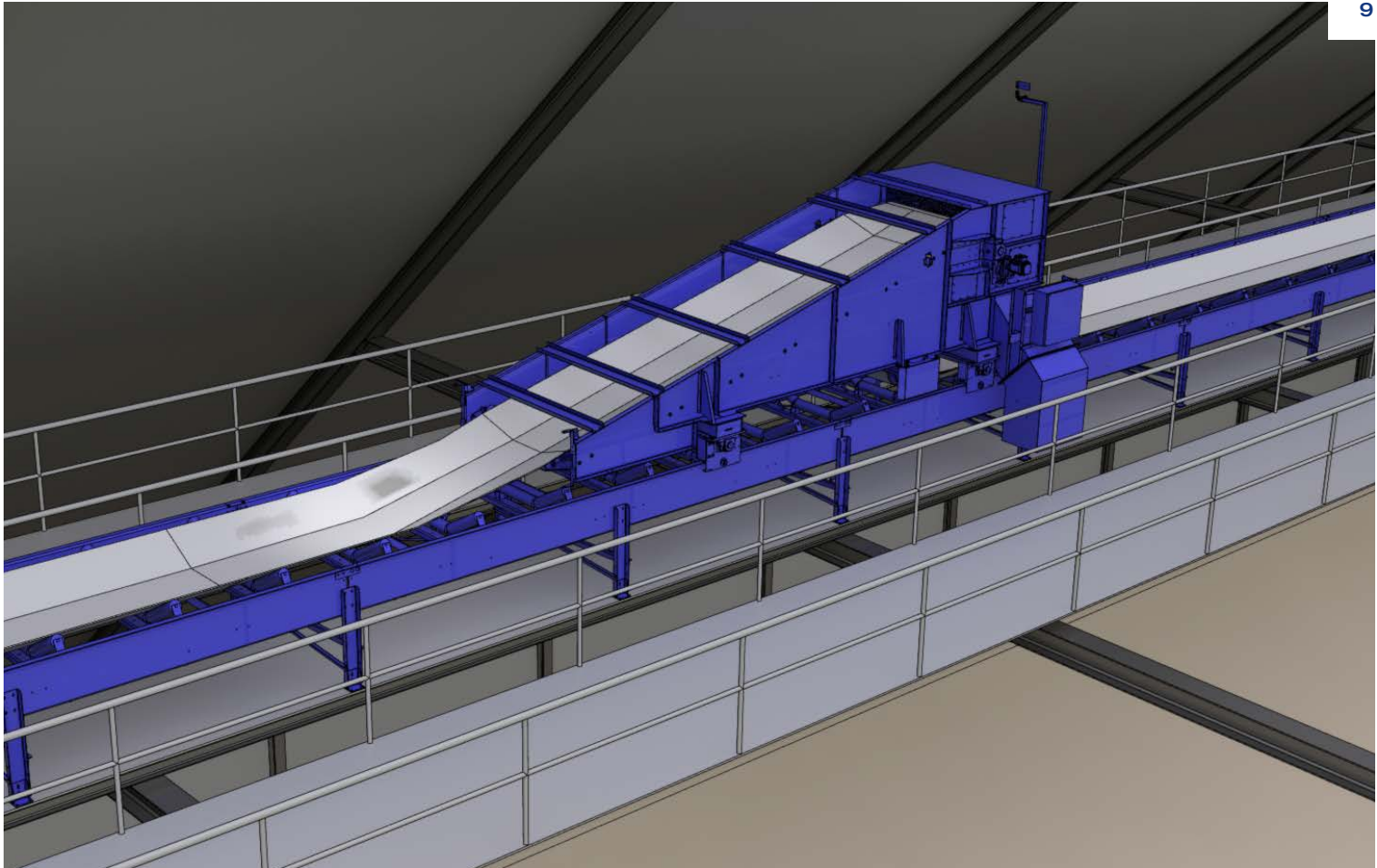
Industry:	Sugar industry
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Technical specifications

Storage volume:	up to 100,000 m³
Feeding rate:	up to 250 m³/h
Options:	- ATEX design - Custom designs available upon request

Benefits

- Optimum utilisation of silo volume
- Even particle size distribution throughout the silo
- Uniform static silo filling
- Stepless rotation
- Accurate positioning of feed point possible
- No equipment inside the silo



Belt conveyor with tripper belt MGF-ABW

Applications

Industry:	- Sugar industry - Fertiliser industry
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Technical specifications

Storage volume:	variable
Feeding rate:	up to 1,500 m³/h
Options:	- ATEX design - multiple level indicators - safety systems - special designs

Benefits

- Even particle size distribution
- Adjustable discharge point
- Optimal utilisation of full storage volume



Distribution chain conveyor

Applications

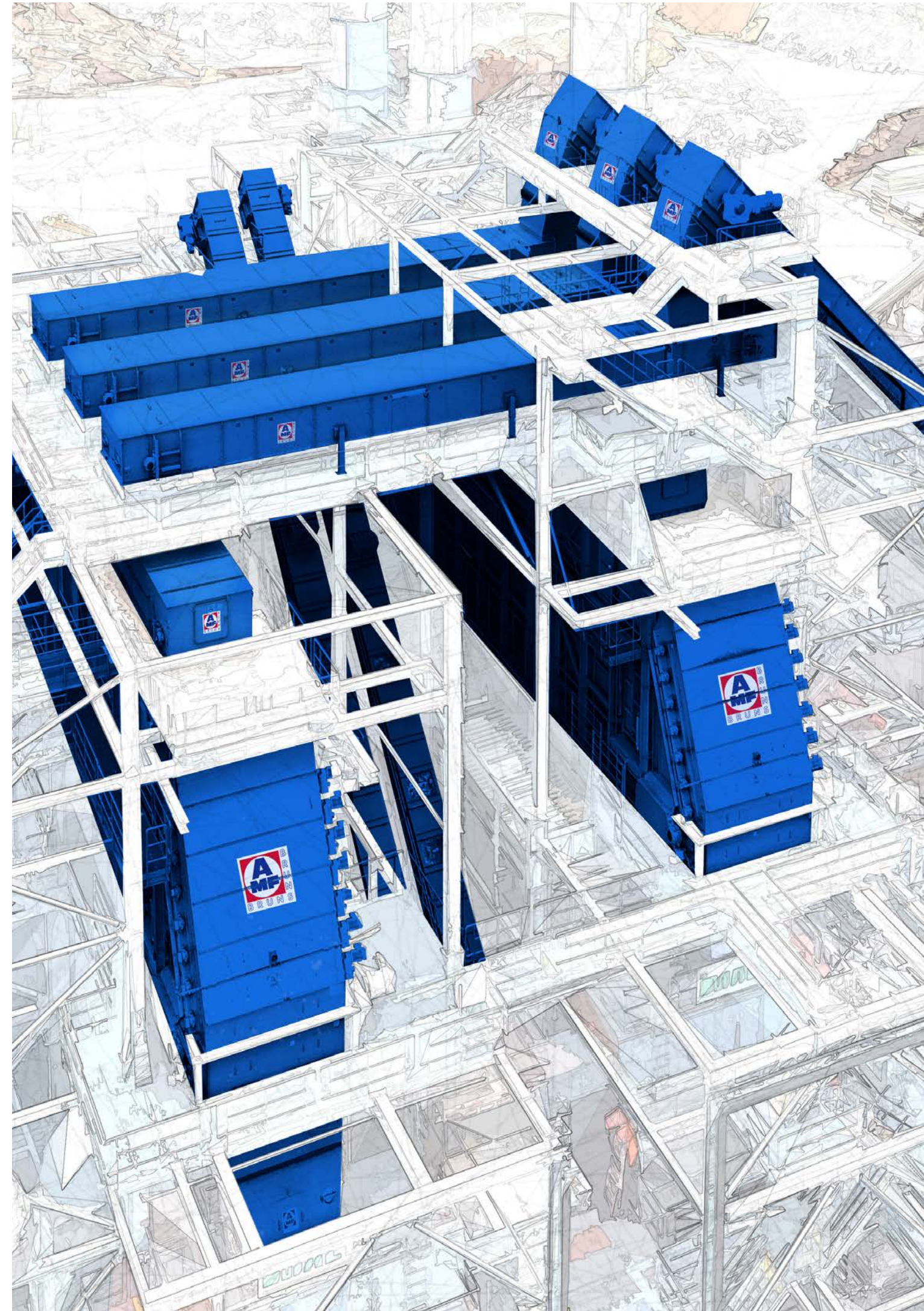
- Industry:**
- Wood industry
 - Fertiliser industry

Technical specifications

- Storage volume:** variable
- Feeding rate:** up to 1,700 m³/h
- Options:**
- ATEX design
 - multiple level indicators
 - slide gates

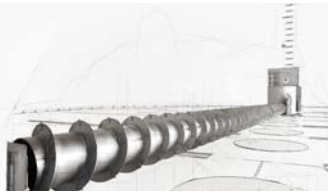
Benefits

- Proven robust system
- Versatile for various bulk materials



Discharge systems from AMF-Bruns

The right system for every bulk material

	wood chips	OSB	dust	sawdust	recycled material	biomass	bark/splinters	sugar beets	wet chips	pressed pulp	sugar	paper sludge	RDF
 Wet bin with travel belt system More information on page 14													
 Residual emptying More information on page 15													
 Screw discharge floors More information on page 16													
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 Walking floor More information on page 18													
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Wet bin with travel belt system

NSBNK

Applications

Industry:

- Wood industry

Technical specifications

System width:

3,300 mm

System length:

up to 60,000 mm

Storage volume:

up to 600 m³

Discharge rate:

up to 1,000 m³/h

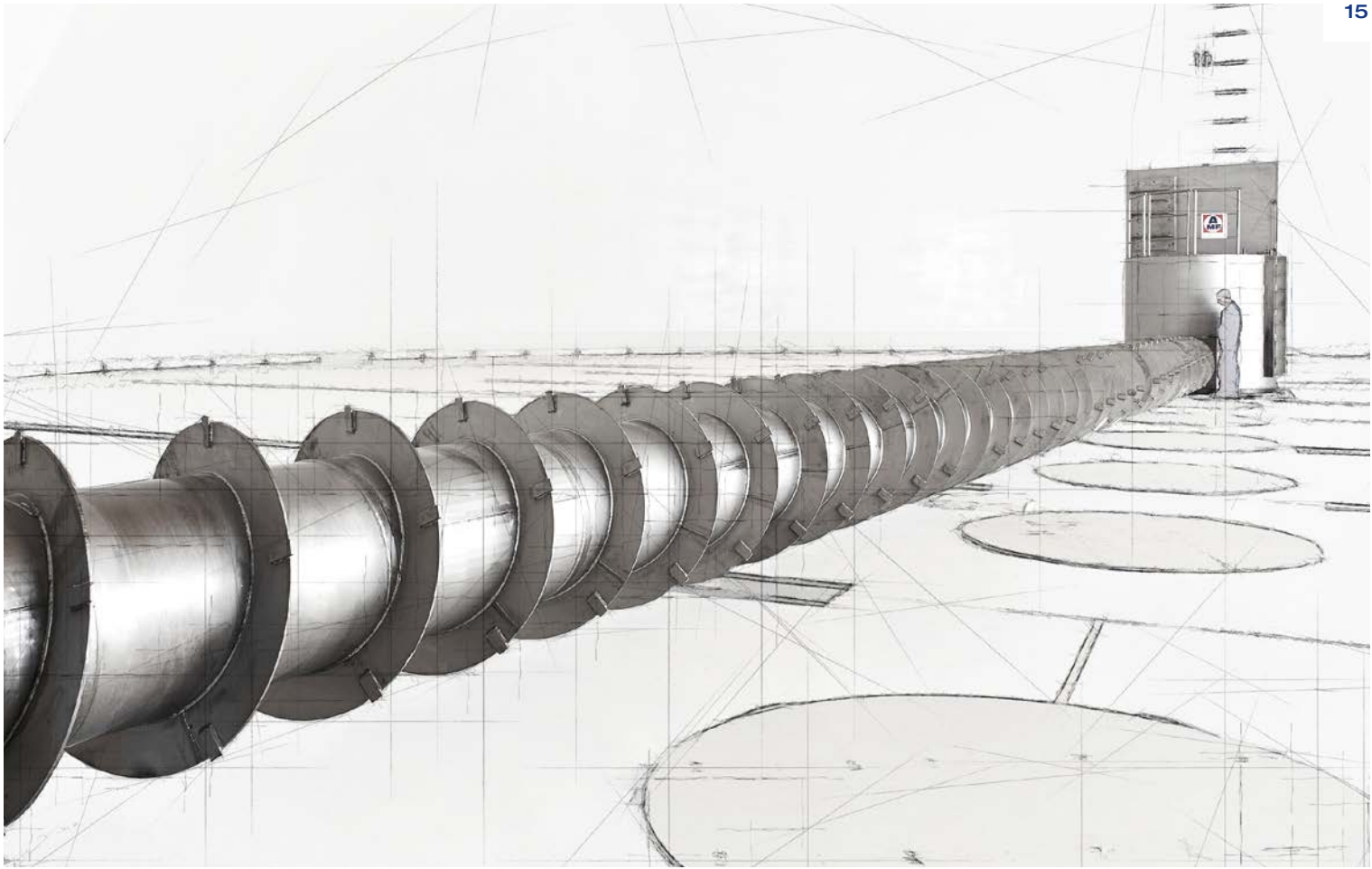
Options:

- ATEX design
- full control system
- optional back rake system
- custom designs available on request



Benefits

- Significant reduction in downtime due to elimination of fault-prone systems
- Lower maintenance costs due to wear-resistant design
- Optional weighing unit
- Optimised use of bunker volume through uniform fill height
- Discharge capacity adjustable
- Fully integrated control system



Residual emptying

RESF

Applications

Industry:

- Sugar industry

Technical specifications

Screw diameter:

900 mm to 1,400 mm

System length:

up to 25,000 mm

Storage volume:

up to 100,000 m³

Discharge rate:

up to 160 m³/h

Options:

- various feeding systems such as gravimetric rotary pipe distributors or rotary belts
- Additional silo emptying via metering screws in the silo cellar



Benefits

- No contamination of stored material by lubricants
- Central access hatch prevents external contamination
- Easy-to-clean components
- Adjustable discharge rate
- Full control system



Screw discharge floors

SAB

Applications

- Industry:
- Wood industry
 - Sugar industry
 - Recycling
 - Construction materials
 - Power plants

Technical specifications

- | | |
|-----------------|--|
| Screw diameter: | up to 1,400 mm |
| System length: | up to 10,000 mm |
| Storage volume: | up to 300 m ³ |
| Discharge rate: | up to 300 m ³ /h |
| Options: | <ul style="list-style-type: none"> • distributor shafts to optimise usage volume • weighing unit • level monitoring |

Benefits

- Proven and flexible system
- Adjustable discharge rate



Chain belt bunker

KGB

Applications

- Industry:
- Wood industry
 - Sugar industry
 - Power plants

Technical specifications

- | | |
|-----------------|--|
| System width: | 2,200 mm |
| System length: | up to 50,000 mm |
| System height: | up to 3,500 mm |
| Storage volume: | up to 300 m ³ |
| Discharge rate: | up to 400 m ³ /h |
| Options: | <ul style="list-style-type: none"> • ATEX design • rake shafts for loosening and levelling • level monitoring • custom designs |

Benefits

- Safe loading via wheel loader or truck
- Intermediate storage of oversized bulk material possible
- Discharge capacity adjustable



Walking floor WF

Applications

- Industry:**
 - Wood industry
 - Sugar industry
 - Recycling
 - Construction materials
 - Power plants

Technical specifications

- System width:** 2,500 / 5,000 / 7,500 / 10,000 mm
- System length:** up to 13,000 mm
- System height:** up to 4,000 mm
- Storage volume:** up to 300 m³
- Discharge rate:** up to 600 m³/h
- Options:**
 - ATEX design
 - rake shafts for loosening and levelling
 - level monitoring
 - truck accessibility
 - special designs

Benefits

- Versatile for different bulk materials
- Safe loading via wheel loader or truck
- Temporary storage of oversized bulk material possible
- Adjustable discharge rate
- Global service network by Cargo Floor



Push floor SUB

Applications

- Industry:**
 - Wood industry

Technical specifications

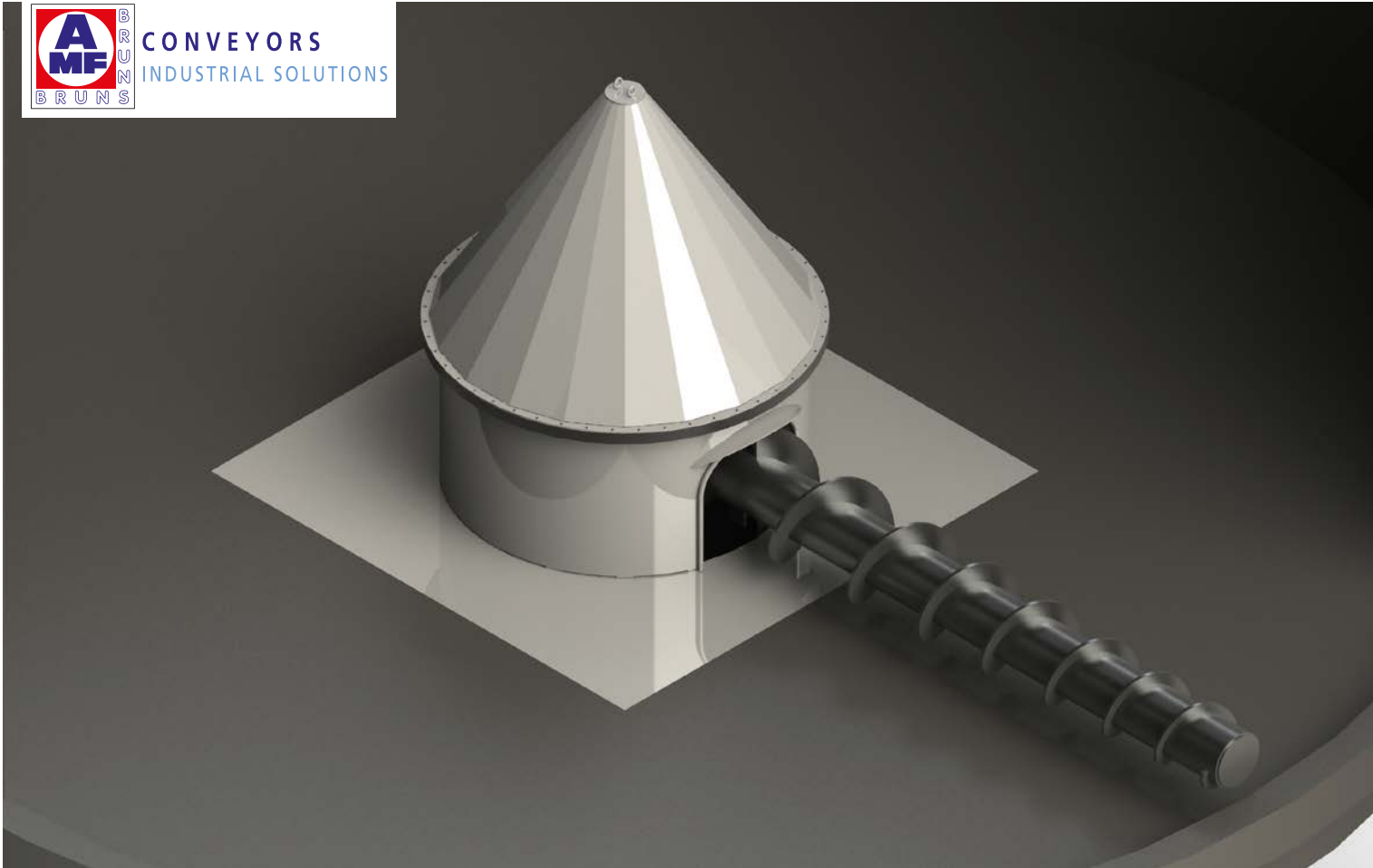
- System width:** 3,000 / 6,000 / 9,000 mm / ...
- System length:** up to 22,000 mm
- System height:** up to 4,000 mm
- Storage volume:** up to 1,400 m³/h*
- Discharge rate:** up to 1,000 m³/h*
- Options:**
 - rake shafts for loosening and levelling



* depending on system specification

Benefits

- Robust and proven discharge system
- Adjustable discharge rate



Silo discharge screw conveyor SRS

Applications

- Industry:**
- Wood industry
 - Power plants

Technical specifications

- | | |
|------------------------|--|
| Screw diameter: | up to 1,000 mm |
| System length: | up to 7,500 mm |
| Storage volume: | up to 900 m ³ net |
| Discharge rate: | up to 400 m ³ /h |
| Options: | <ul style="list-style-type: none">• reinforced wear protection |

Benefits

- Robust system for abrasive environments
- Adjustable discharge rate

Added value for our customers

Value Added Services (VAS) at AMF-Bruns

Uncomplicated collaboration, quick response times and solution-oriented approaches – these are what make AMF-Bruns a reliable partner. Service for us means always being there for our clients. We are personally committed to achieving the highest level of customer satisfaction. At AMF-Bruns, Value Added Services can be summarised in one word: trust.

Certified quality

At AMF-Bruns, powerful products, maximum delivery reliability and the highest cost-efficiency are the benchmark for all manufacturing processes.

Service

Your personal contact is always available to assist you. On-site visits are important to us in order to understand your requirements precisely.

Consulting & planning

With 3D sales planning and a 3D scan of your facility, AMF-Bruns provides the best foundation for successful projects.

Always at your side

Planning of custom conveyor systems

The planning and implementation of an efficient conveyor system is a complex task that requires specific expertise and extensive experience. Well-considered planning enables the efficient movement of goods and raw materials, minimises production bottlenecks and optimises workflows.

By reducing energy consumption, minimising maintenance efforts, and avoiding downtimes, you can reduce costs, increase competitiveness and achieve sustainable market success.

Our qualified experts support you from the very first step and help you make the right decisions, minimise risks and find optimal solutions for your material flow requirements. From consultation and 3D laser scanning to after-sales service – we are always at your side.

Sugar industry



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Wood industry

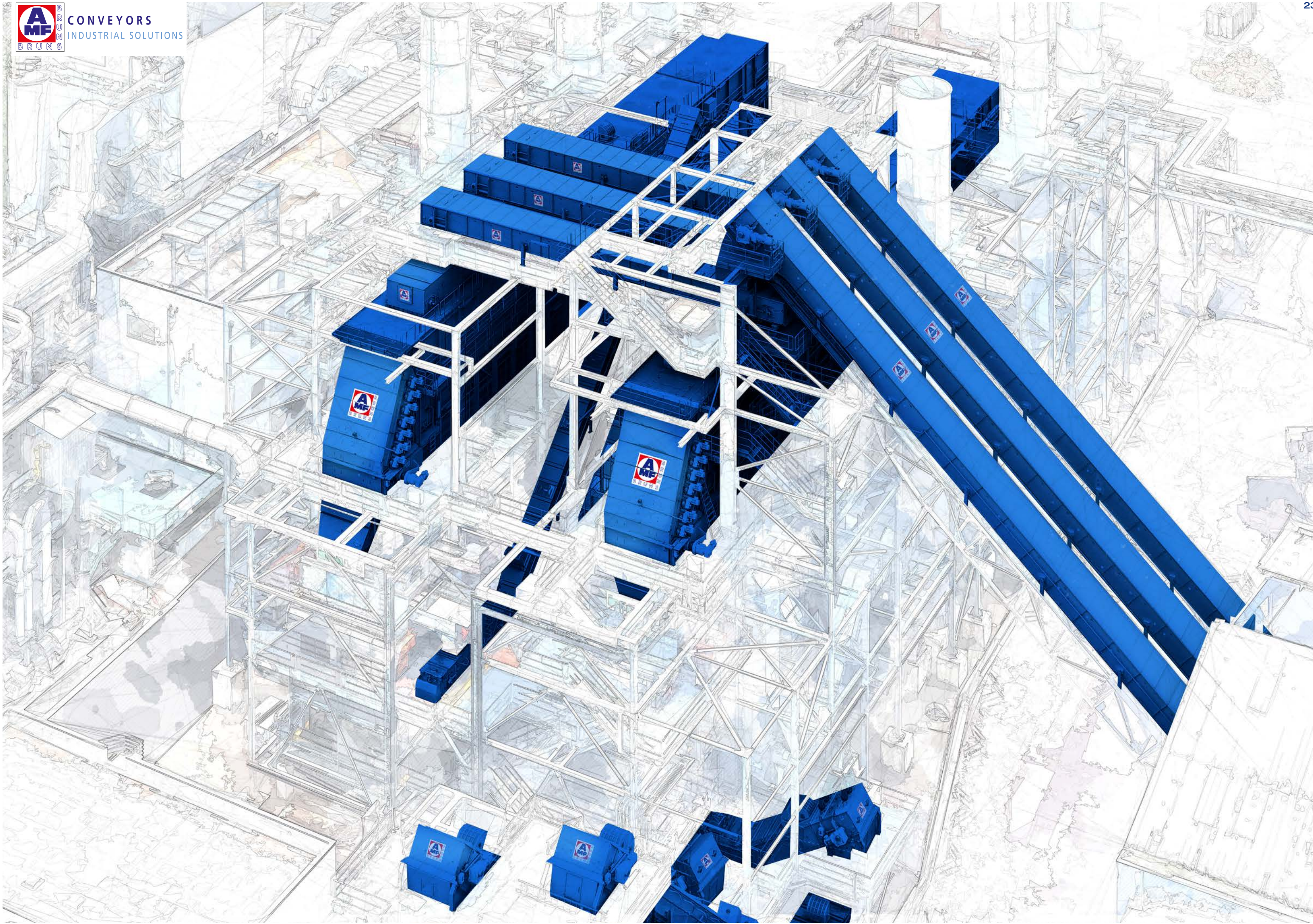


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Green technology



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