

# The Hammermill

## RHM

Rematec

Maschinenbau - Anlagenbau - Agrartechnik

**DATA SHEET**



**The RHM hammermills enable efficient fine grinding of dry goods.**

### Description

The Rematec hammer mill has been developed to finely grind dry material such as wood chips, food for animals or recycled material. The mill is equipped with a sieve to ensure a homogeneous final product. The perforation of the sieve can be adapted to the product. The hammer mills are manufactured with a sieve surface of up to 2.2 m<sup>2</sup> and with up to 355 KW. As a result, the mill has a high throughput (transfer) capacity with high energy efficiency.

The machine is manufactured to the highest quality standards, and the rotor is fine-balanced in accordance with DIN ISO 1940-1.

\*Depending on the material



## DATA SHEET

### Hammermill Typ RHM

Rematec

Maschinenbau - Anlagenbau - Agrartechnik

# HM 22000

#### Standard equipment

- Electric motor 37 to 355 KW, efficiency class IE3/IE4
- Clutch Rexnord Viva
- Stüwe clamping sets
- Bearings FAG
- Vibration dampers (vibrations absorbers)
- Standard steel frame, special solutions possible
- Hammers made of wear-resistant material



#### **Options**

- Motor with ATEX version
- Vibration measurement
- Storage temperature monitoring
- Spark extinguishing system
- Feeding system according to customer requirements
- Sieves depending on the material



#### **Contact:**

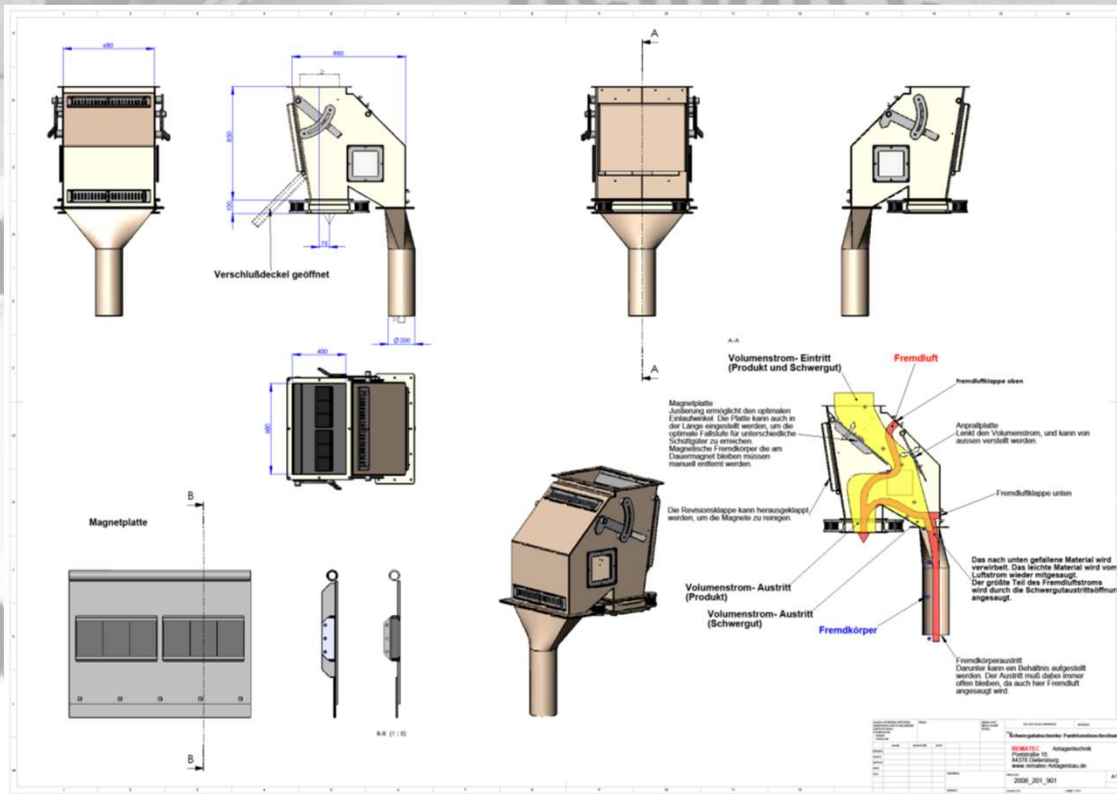
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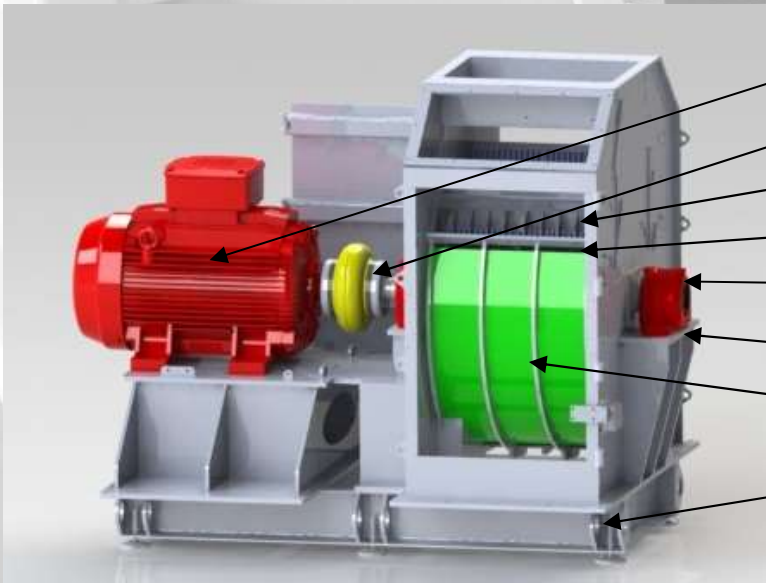
## DATA SHEET

### Hammermill Typ RHM

heavy particle separator



## Basic structure of the hammer mill



- Motor
- Clutch
- Rotor
- Hammers
- Case
- Bearings - both sides
- Sieve
- Base frame

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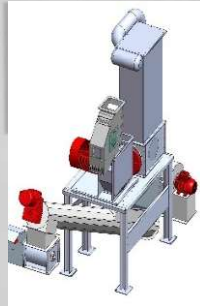
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## DATA SHEET

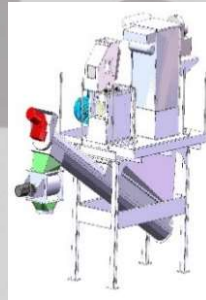
### Hammermill Typ RHM

## Types of Mills and Technical Specifications

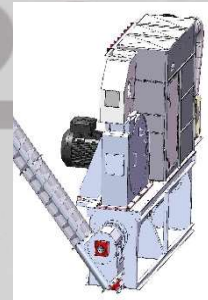
HM 3200



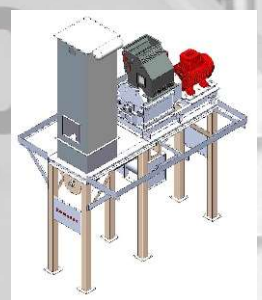
HM 5000



HM 7000



RHM 9000



- Power consumption 37 kW
- Grinding capacity \* 15 - 20 m<sup>3</sup>/h
- Sound level ca. 90dB
- Weight\*\* ca. 4200 kg
- Metrics L/W/H \*\* 3000/2000/  
4200 mm
- max. Grain sizes 05x05x20 mm
- max. Humidity 12 %

- Power consumption 55 kW
- Grinding capacity \* 25 - 30 m<sup>3</sup>/h
- Sound level ca. 90dB
- Weight\*\* ca. 4800 Kg
- Metrics L/W/H \*\* 4500/2500/  
4500 mm
- max. Grain sizes 05x05x20 mm
- max. Humidity 12 %

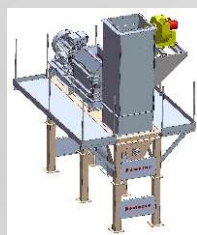
- Power consumption 90 kW
- Grinding capacity \* 35 - 40 m<sup>3</sup>/h
- Sound level ca. 90dB
- Weight\*\* ca. 5500 Kg
- Metrics L/W/H \*\* 4500/3000/  
4000 mm
- max. Grain sizes 05x05x20 mm
- max. Humidity 12 %

- Power consumption 75 - 160 kW
- Grinding capacity \* 45 - 60 m<sup>3</sup>/h
- Sound level ca. 90dB
- Weight\*\* ca. 8000 Kg
- Metrics L/W/H \*\* 4500/3200/  
5200 mm
- max. Grain sizes 05x05x20 mm
- max. Humidity 12 %

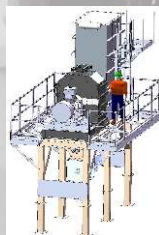
\* Depending on the material

\*\* depending on the steel frame

HM 13000



HM 18000



HM 22000



- Power consumption 90 - 160 kW
- Grinding capacity \* 65 - 80 m<sup>3</sup>/h
- Sound level ca. 90dB
- Weight\*\* ca. 11500 kg
- Metrics L/W/H \*\* 5200/3600/  
6300 mm
- max. Grain sizes 05x05x20 mm
- max. Humidity 12 %

- Power consumption 160 - 250 kW
- Grinding capacity \* 100 - 110 m<sup>3</sup>/h
- Sound level ca. 90dB
- Weight\*\* ca. 15000 Kg
- Metrics L/W/H \*\* 5300/4000/  
7000 mm
- max. Grain sizes 05x05x20 mm
- max. Humidity 12 %

- Power consumption 160 - 355 kW
- Grinding capacity \* 100 - 130 m<sup>3</sup>/h
- Sound level ca. 90dB
- Weight\*\* ca. 18000 Kg
- Metrics L/W/H \*\* 5600/4100/  
7700 mm
- max. Grain sizes 05x05x20 mm
- max. Humidity 12 %

\* Depending on the Material

\*\* depending on the steel frame

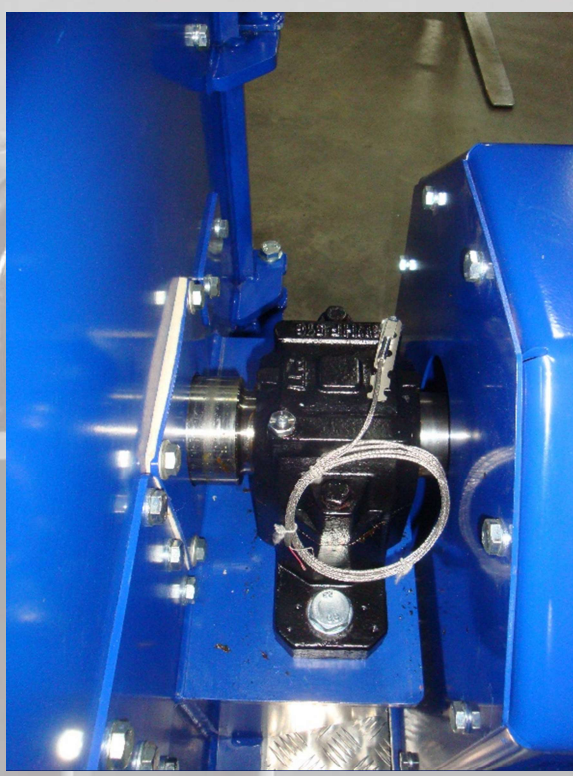
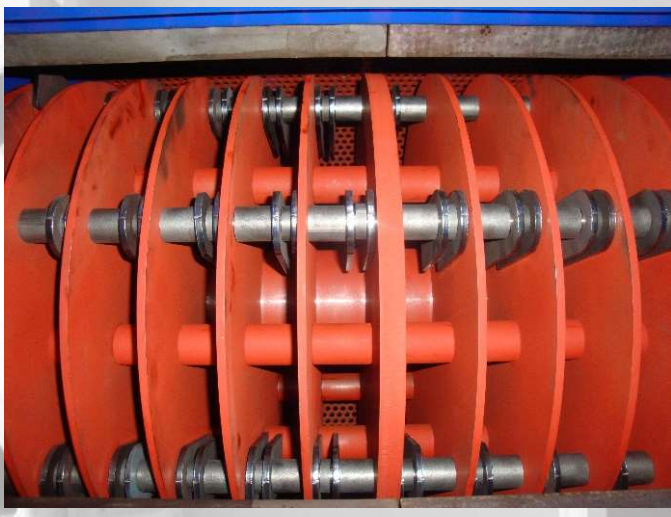
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**DATA SHEET**  
**Hammermill Typ RHM**

Rematec



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# Grindingplatemill RPM



European Patent 12 004 733.7

## DATASHEET



The grindingplatemill type RPM offers a efficient prospect in wood chip grinding

### Description

Due to the patented construction method of the mill, almost the entire extend of the casing is used. The material dwells within the mill for one rotation. The final product is homogeneous with a very low dust content, which is ideal for the continued processing in a dryer. Since there are no sieves in use, there is no necessity for a costly and high on maintenance suction mechanism or filtration system.

The feeding process is carried out by one, two or three screws which are placed laterally below the mill. The outlet is located on the bottom center of the casing.

The motorperformance ranges from 55 to 250 kW, with a maximum output\* between 12 and 65 m<sup>3</sup>/h this guarantees an utmost economic operation.

The mill is constructed under highest quality standards, the rotor being finely balanced in accordance to DIN ISO 1940-1.



\*depending on material

**DATASHEET**  
Grindingplatemill Type RPM

**Standardequipment**

- electric motor 55 to 250 kW, efficiency class IE3/IE4
- coupling Rexnord Viva
- clamping set Stüwe
- bearing FAG
- vibrationdampener
- standard steel construction, custom solutions possible
- screwinput 1 × 3 kW up to 3 × 3 kW
- hammers made of wearresistant material
- grindingplates casted of wearresistant material respectively hardened material



The grindinplatemill already sees action in well over a hundred different locations. It is used in Sawmills, chipboard manufacturing and wood recycling.



**Options**

- motor ATEX version
- vibrationmeasuring
- bearing temperature monitoring
- spark-extinguishing installation
- inputsystem according to customer demand
- sievingsystem after the mill



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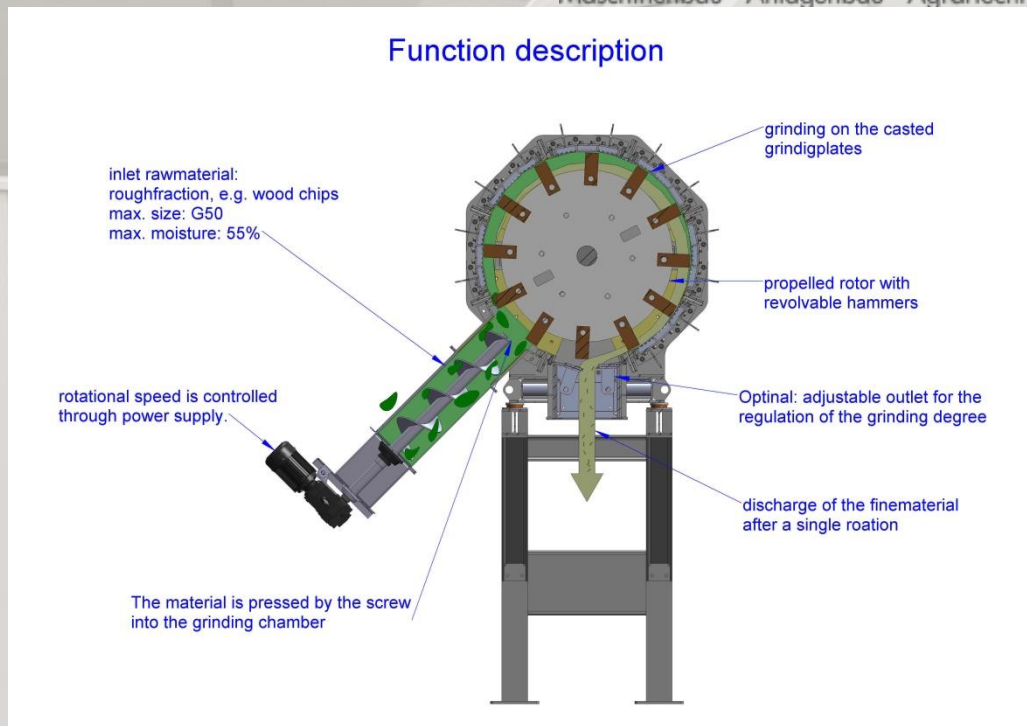
**DATASHEET**  
Grindingplatemill Type RPM

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**Function description**

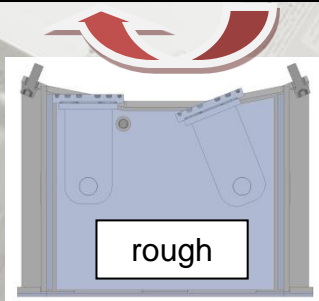


**Optionally: adjustable outlet**

**Functional principle:**

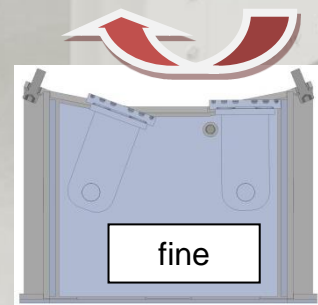
The grinding degree can be adjusted by rotating the flaps in or out of the grindingflow. The flap adjustment will cause the material to take an additional turn through the grinding chamber. Please note that the finer the grinding degree is set to, the lesser the throughput will be as a result.

rotating direction mill



rough

rotating direction mill



fine

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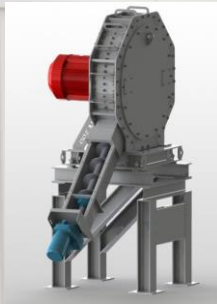
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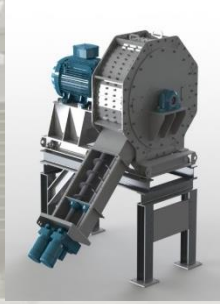
**DATASHEET**  
Grindingplatemill Type RPM

**Mill types and technical specifications**

RPM 300



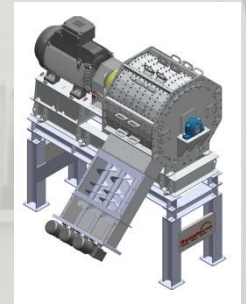
RPM 650



RPM 800



RPM 1000



• motor output	55 kW	75 - 90 kW	160 kW	250 kW
• grinding output *	12 - 15 m <sup>3</sup> /h	25 - 30 m <sup>3</sup> /h	40 - 45 m <sup>3</sup> /h	60 - 65 m <sup>3</sup> /h
• sound level	ca. 85dB	ca. 85dB	ca. 85dB	ca. 85dB
• weight **	ca. 2300 kg	ca. 3800 Kg	ca. 5500 Kg	ca. 7500 Kg
• dimension L/W/H **	1400/2650/ 2400 mm	2300/2650/ 2400 mm	3000/2650/ 2400 mm	3300/2900/ 2500 mm
• max. grading	60x30x20 mm	60x30x20 mm	60x30x20 mm	60x30x20 mm
• max. moisture	55 %	55 %	55 %	55 %

\*depending on material

\*\*without steel construction



Through our showcasing mill, a test grinding can be carried out at any time. Should you please, your own material can be used for the testgrind

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**DATASHEET**  
Grindingplatemill Type RPM

**Pros**

- cast grinding plates with special geometry resulting in a selfcleaning mechanism
- no sieves required
- no aspiration necessary
- the entire mill is equipt with hardcast plates functioning as wearingplates.
- extremely energy efficient; power demand reduced by up to 50%.
- awarded with the Bavarian innovationprice in 2016

Wood chips



Wood pellets



Matured timber



Sunflower peel



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## DATASHEET

### Grindingplatemill Type RPM

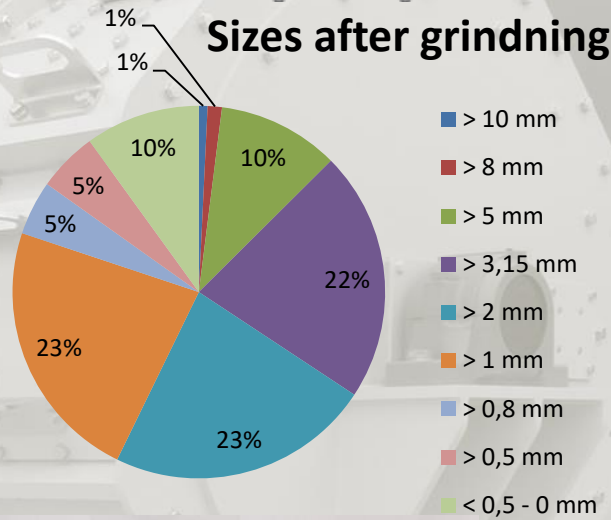
#### Grindingprobes wood chips

Größe:	Anteil in %
> 10 mm	0,79
> 8 mm	1,30
> 5 mm	11,06
> 3,15 mm	22,79
> 2 mm	24,04
> 1 mm	24,00
> 0,8 mm	4,95
> 0,5 mm	5,44
< 0,5 - 0 mm	10,45

# Rematec

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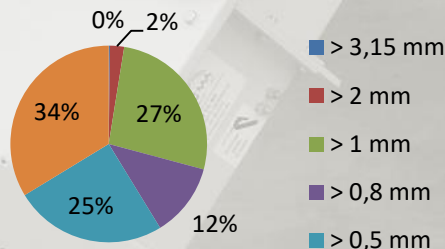
#### Sizes after grinding



#### Grindingprobes pellets

Größe:	Anteil in %
> 3,15 mm	0,2
> 2 mm	2,39
> 1 mm	27,31
> 0,8 mm	12,38
> 0,5 mm	25,67
< 0,5 - 0 mm	34,55

#### Sizes after grinding



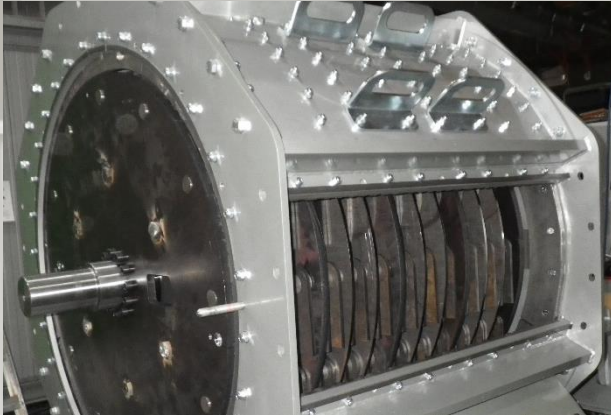
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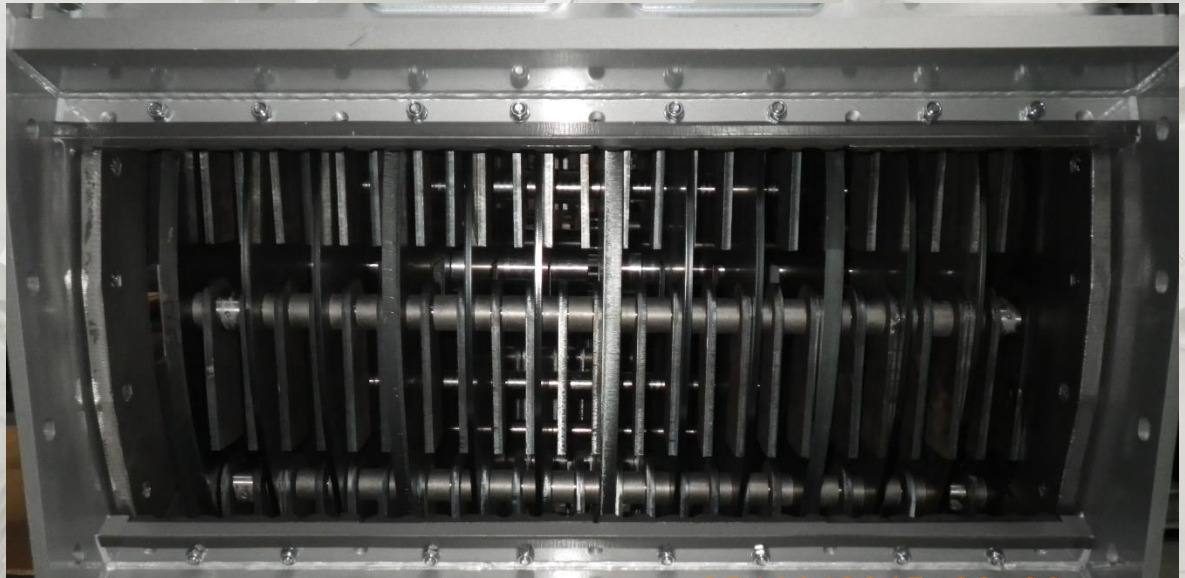
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**DATASHEET**  
Grindingplatemill Type RPM



Grindingplates cast version



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**Grindingplatemill Type RPM**

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# Unloading Module



## DATA SHEET



The most efficient way to unload trucks with sliding floor.

### Description

The Rematec unloading module is designed for low-dust unloading of sliding floor trailers with flowing granules to  $\varnothing 40\text{mm}$ .

The delivered material is put into the unloading module and immediately transported to the following conveying device, for example TKF, trough screw, or a disc sifter like on picture. It will be lifted so that the following device can also stand on the same level. Only a plane foundation is need for installation. After unloading the integrated roll-up door can be closed so that the system is protected against wind and rain.



## DATA SHEET Unloading module

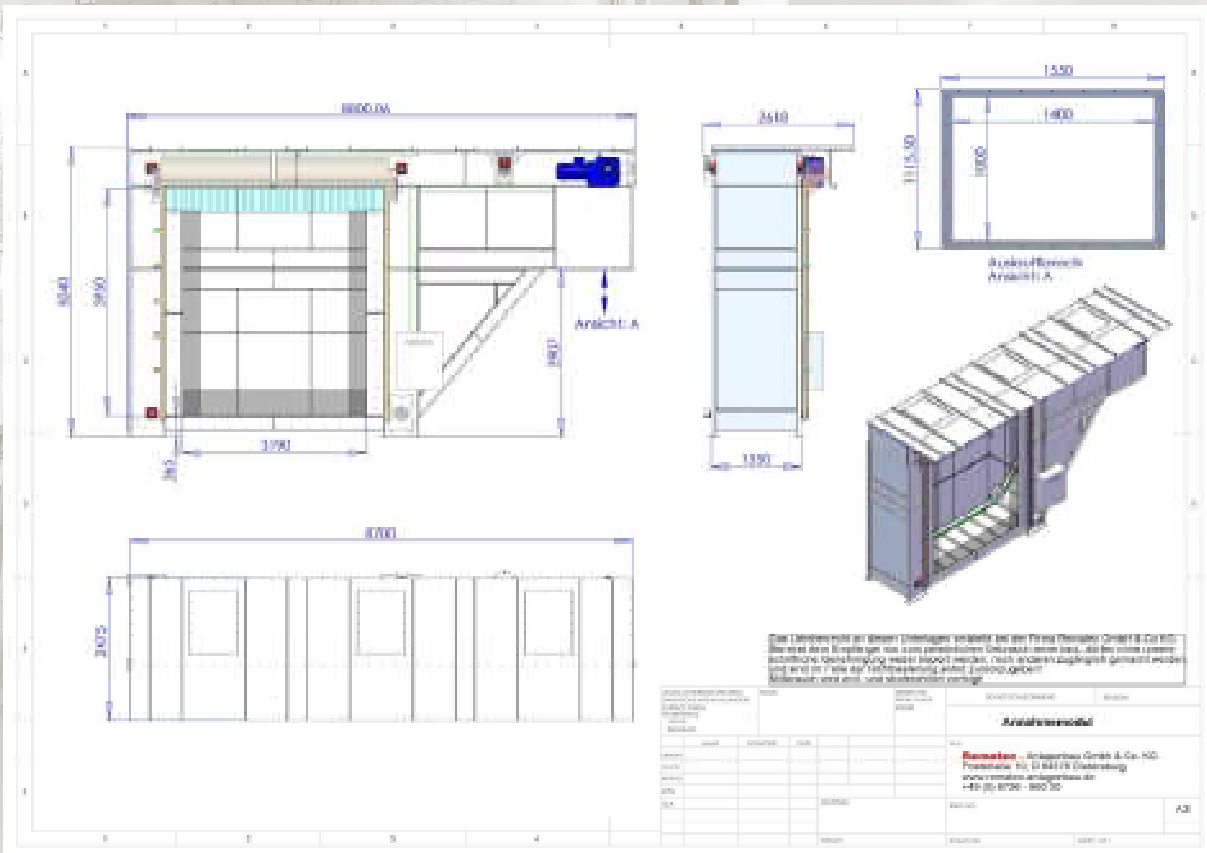


### Avantage

- No expensive construction works necessary (pits, halls, etc.)
- An flat Basement is enough for installation
- Low-dust unloading of trucks because of optional aspiration.
- with CE marking
- Roll-up door included
- Electronic control system to operate independently or to interact with an existing controll system and conveying system.

### Technical specifications

- Capacity:.....up to 500 m<sup>3</sup>/h
- Length:.....8800mm
- Width:.....2600mm
- Height:.....5040mm
- conveyor width :.....1200mm
- Engine power .....11-30 kW



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# Bucket elevator



**DATA SHEET**



**Bucket elevators for the  
wood- and food industry**

## Description

Bucket elevators are used for the gently, vertical transport of flowable, not sticky, granular or powdery, chemical steady, not explosive bulk material.

The material input is done by a hopper or a special designed feeding screw with a length of max. 12m. The material is carried in specially tailored buckets and emptied by centrifugal force at the head of the elevator.

The gear engines from german production are equipped with wear-free back rotation locks. Optional extras as rotation guards, slip detection and belt control system can be added easily. Special system for fire and explosion protection are also available.

Extra dimensions can be realized too.

Only high quality belts and cups are used in our bucket elevators. Oil- and fat resistant, high-temperature belts, as well as buckets made in steel, stainless steel or synthetic material are freely selectable.



**DATA SHEET**  
**Bucket elevator**

**Different performance grades:**

- B150 performance 20 – 50 m<sup>3</sup>/h
- B200 performance 40 – 90 m<sup>3</sup>/h
- B300 performance 80 – 200 m<sup>3</sup>/h
- B400 performance 150 – 300 m<sup>3</sup>/h
- B500 performance 200 – 450 m<sup>3</sup>/h
- B700 performance 270 – 540 m<sup>3</sup>/h

**Benefits**

**Generally**

- Suitable for a big range of materials
- Drums with screwed shafts
- Gently transport of the materials
- very sturdy design
- Stainless steel and galvanized model
- special buckets, synthetic – steel – stainless steel, for each material
- Special equipment for poorly flowing products available

**Options**

- Maintenance platform
- Ladder with cage.
- Feeding screw with a length of max. 12m
- Input of the material by hopper possible
- Special solutions for your requirements can be realized too.

**Technical specification**

- Weight:.....according to design
- Capacity:.....20 – 540 m<sup>3</sup>/h
- Height (Standard): .....up to 35 m
- Belt width. (Standard):.....150 – 700mm



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# Conveyer band



**DATA SHEET**



**The easy transport of bulk material**

## Description

Belt conveyors are used for the very gentle transport of bulk materials. The material lies on the belt which is pulled over rollers (Roller belt) or over a glide surface (Glider belt).

By using special profiles on the belt also steeper angle can be realized, depending on the material. The belts are specially tailored to the material and assembly situation and are supplied only by proven producers. So high temperature stabil, oil- and fat resistant as well as very slippery Teflon® covered belts are available. The vulcanized plates vary as well in dimension and quantity. For easily flowing products corrugated edges form the lateral end.

The strong frame sections can be combined as needed and enable long self- supporting distances. Spherically produced drums as well as optional center stations for the belt guarantee a proper straight running. There are so many options for almost every requirement , please don't hesitate to ask .



## DATA SHEET

### Conveyer band



#### Our performance spectrum:

- Transport widths up to 1000 mm possible.
- Capacities up to 750 m<sup>3</sup>/h.
- Roller belts or slider belts available
- High temperature applications possible
- special profiles and lateral end possible



#### Benefits

##### Generally

- Due to the stabil construction long self- supporting distances are possible
- Compact design allows integration even in very confined spaces.
- Low-maintenance and low-wear
- Flexible usable by variation
- Oil- and fat resistant belts

##### Option

- Belt control sensor and speed sensor
- Special vulcanized profils for different material and installation positions
- Complete housings with dust aspiration
- Support at loading section for heavy material
- Varios troughing.

##### Technical spezification

- Conveyer band:.....such as EP 250/2
- oil- and fat resistant:.....yes
- endless vulcanized:.....yes
- Band width:..... 500 – 1000 mm

11/05/2015 09:31

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# Cooling screw



**DATA SHEET**



**The best way to cool pellets**

## Descriptio

The Rematec cooling screw is used for cooling of tempered bulk materials. Ambient air will sucked through the perforated cover of the screw and because of the slow rotation of the screw will the material quick to ambient temperature brought.

## Advantages

- Basically can all not sticky, granular or powdery, chemical steady, not explosive materials will be transported
- The cooling screw is designed so that it can be positioned under the pellet press, so plenty of space and a further conveyor device can be saved.
- Cooling the material to ambient temperature
- The pellets are cleaned through a sieve, the dust is removed via a chain conveyer



**DATA SHEET**  
**Cooling screw**

**Our range of service:**

- Trough wide from 650 up to 850 mm
- Capacity from 1,5 up to 4,5 t/h



For example a cooling screw

**Advantage**

**Generally**

- gentle transport of materials
- Capacity from 1,5 up to 4,5 t/h
- Cooling screw as stainless steel
- perforated cover
- Cleaning the pellets through a sieve
- Removal of dust over a chain conveyoyr

**Option**

- Speed sensor
- different diameter
- Air suction cover
- aspirate air



Gearmotor

**Technical specification**

- Capacity:.....from 1,5 up to 4,5t/h
- Height (Standard):.....individually
- Länge (Standard): .....individually
- Trough wide (Standard):...650 - 850mm

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# Tube Screw



## DATA SHEET



The easy transport of bulk material

### Description

Tube screws are used for rising transport of flowable bulk materials. There are In- and outlets with welded flanges. The dimension of inner tube, screw worms and wall thickness are designed in a heavy way for permanent use. The intermediate bearings, which are necessary for longer transport ways, are double ball bearing mounted, specially sealed and permanently greased by a big fat reservoir.

For a dosed charging from a vessel progressive screw worms are used.

The transport screws are tailored and produced to each specific application.

The used parts solely comes from proved german suppliers.

For very abrasive material high wear-resistant steels are used.

Rotation guard and Jam control are standard.



**DATA SHEET**  
Tube screw

**Our range of service:**

- Diameter from 90 up to 1000 mm
- Capacities from 1 up to 700m<sup>3</sup>/h
- The inclination angle ranges from horizontal to vertical



**Advantage**

**Generally**

- Completely galvanized
- Very quiet running
- High endurance
- Low- Maintenance
- Low- Wear

**Option**

- Speed sensor
- Jam flap
- The spirals can also be arranged progressively in order to ensure a steady discharge.
- Different diameter
- Special inlets and outlets possible
- Special sizes available
- Material of the screw in high-strength steel possible

**Technical specification**

- Capacity:.....1 – 700 m<sup>3</sup>/h
- Length(Standard):..... max. 15 mtr
- Diameter (Standard):..... 90 – 1000mm

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# Rest Bin

**DATA SHEET**



**The easiest way to bring  
the bulk to rest**

## Description

- Resting bin are used for poorly flowing materials.
- Multiple application possibility.
- Robust design with the latest technology.
- Diameter by 0,8m up to 3m.
- Special dimensions can be realized.
- Level measurement by vibrations sensors or continuously by radar or ultra sonic sensors.
- Discharge by “first in- first out” principle
- No bridging due to an agitator at the bottom of the bin.
- Perfect dosing to following machines
- Easy access by side door with safety switch
- Downward opening



## DATA SHEET

### Rest Bin

#### Our range of service:

- Diameter by 0,8m up to 3m
- Made of stainless steel or galvanized.
- steady discharge of the material.
- feeding up to 4 dosing screws



Example of a discharge arm with additional



installation example

#### Advantage

##### Generally

- no bridging of the material since the rest bin is greater downward
- Installation of gauge glasses and inspection doors
- Strong gear motor with special bearing
- high operational reliability
- Varied selection of measurement systems available
- First in first out principle

##### Option

- Made of stainless steel
- Paddle switch
- Capacitive level sensor
- Ultrasonic or radar sensor
- overhead distributor arm for adjustment of fill level
- Flame stop ventil for ATEX condition

##### Technical specification

- Diameter:.....0,8 up to 3,0 m
- Volume.....0,7 to 15 m<sup>3</sup>

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# Disc screen



## DATA SHEET



The easy way to separate big parts.

### Description

- Big parts separating with high capacity
- The material falls on the screen area, either within a transport route or at a truck unloading station. The fines fall through the gap between the rollers and the big parts will be transported by the rotating rollers to the end of the screen, where they were discharged on a belt conveyor or into a container.
- The approximately size can be defined by the gap of the rollers and the shafts.
- The capacity depends on screen area, rotation speed and material. It can range between 10 to 600 m<sup>3</sup>/h.
- After passing the screen the fine material falls into a Multiple screw conveyor (1, 2, 3 or 4 screw conveyor) and will be transported to the next conveyor or anything else.



## DATA SHEET

### Disc screen

#### Our range of service:

- Different screen widths, up to 2000 mm
- Different screen lengths, up to 6000 mm
- Separated partical sizes range from 50mm to 500 mm
- Capacities range from 10 to 600 m<sup>3</sup>/h depending on material
- Special designs possible



Example of a chain drive



Disc screen

#### Advantages

##### Generally

- Suitable for almost all materials
- Guaranteed screening of heavy particles to avoid damages to following devices.
- Low- maintainance and low- wear operation
- High sorting capacity at low energy power
- robust construction

##### Option

- Adjusting the sieve capacity on the need of the customer
- Optical signaling
- Function monitoring
- Central lubrication

##### Technical specification

- Drive:.....Chain
- cleaning performance:....up to 600 m<sup>3</sup>/h
- Width: .....up to 2,0 m
- Length: .....up to 6,0 m
- conveying surface:.....up to 12 m<sup>2</sup>

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# Sieve screw

**Rematec**  
Maschinenbau · Anlagenbau · Agrartechnik



## DATA SHEET



**The easiest way to separate them from flowing bulk materials**

### Description

- Sieving during transport.
- Separation of different fractions.
- As longer the distance as more screening area possible.
- High endurance due to well designed tubes, worms and housings
- Bearings and motor from german producers
- The intermediate bearings are equipped with double bearings and special sealings.
- Special dimensions can be realized.



### Advantages

- Almost all not sticky, granulated or powdered, chemically stable, version non-explosive materials can be handled.



## DATA SHEET

### Sieve screw

**Rematec**  
Maschinenbau · Anlagenbau · Agrartechnik

#### Our range of service:

- Diameter from 330 up to 850 mm
- fractionation capacity from 10 – 150 m<sup>3</sup>/h
- Different screen inserts for different fractions are possible



#### Advantages

##### General

- Suitable for almost all materials
- gentle transport of materials
- Diameter from 330 up to 850 mm
- Capacity from 10 up to 150 m<sup>3</sup>/h
- Painted, galvanized or stainless steel
- very quiet running

##### Optionen

- Speed sensor
- Different diameter
- Special inlets and outlets possible
- Special sizes available
- Sieve sizes according to customer
- also available in high – strength steel

##### Technical specification

- fractionation capacity:.....10 – 150 m<sup>3</sup>/h
- Length (Standard):..... max. 15 m
- Diameter (Standard):.....330 – 530mm

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# Chain conveyer (TKF)

**Rematec**  
Maschinenbau · Anlagenbau · Agrartechnik



**DATA SHEET**



**The easy transport of dry  
bulk material**

## Description

- Trough chain conveyors are used for horizontal transport up to 15 ° of dry bulk material
- We offer single or double chain conveyor of 230 mm up to 1200 mm width.
- Bearing and engines from German producers
- The capacity ranges from 40 up to 300 m<sup>3</sup>/h.
- Chains from finish production
- Special dimensions can be realized

## Advantages

- In principle, all can be transports sticky, granulated or powdered, chemically stable, non-explosive materials.
- The conveyer are with particularly to tough wear grounds from PEHD 1000 equipped.
- The return of the chains occurs about special ones slipway and also PEHD 1000 grounds a quiet run guarantee.
- The drive and guide rollers are made from hardened material.



**DATA SHEET**  
**Chain conveyor (TKF)**

**Our range of service:**

- Conveyor width 230 to 390 mm with chain
- Capacity from 40 up to 250 m<sup>3</sup>/h.
- Outlet slide can be manually driven pneumatically or by a motor.
- As standard a jam Monitoring flap is fitted with a safety switch.



Example of a conveyor chain



Gearmotor

**Advantage**

**General**

- Suitable for almost all materials
- gentle transport of materials
- Conveying width 230-530 mm
- Flow rate 40 to 360 m<sup>3</sup>/h.
- high operational reliability.
- high flow capacity with low wear and power consumption.

**Option**

- Speed sensor
- Outlet slide can be manually driven pneumatically or by a motor.
- Additional inlets and outlets
- Gearmotor

**Technical specification**

- output:.....40 – 360 m<sup>3</sup>/h
- Height(Standard):..... individually
- Length (Standard):.....individually
- conveyor width (Standard): 230 – 530mm

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# Trough screw



## DATA SHEET



The easy transport of dry bulk material

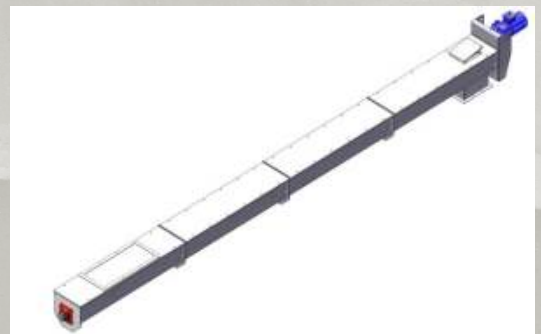
### Description

- Trough screws are used for horizontal up to 15 ° steep transport of dry bulk material
- For continuous use thick-walled iron pipes and massive spirals are welded.
- They are driven by Geared motors the manufacturer Nord or SEW.
- The intermediate bearings are double ball bearing and specially sealed.
- Special dimensions can be realized



### Advantages

- Almost all not sticky, granulated, chemically stable, non-explosive materials can be transported.
- The spirals can also be arranged progressively in order to ensure a steady discharge.



## DATA SHEET

### Trough screw

#### Our range of service:

- Diameter from 150 to 850 mm
- Capacity from 15 to 850 m<sup>3</sup>/h.
- The screws may be arranged so as to form discharge systems in special trays next to each other.



Example of a trough screw



Gearmotor

#### Advantage

##### Generally

- Completely galvanized
- Very quiet running
- High endurance
- Low- Maintenance
- Low- Wear

##### Option

- Speed sensor
- Jam flap
- The spirals can also be arranged progressively in order to ensure a steady discharge.
- Different diameter
- Special inlets and outlets possible
- Special sizes available
- Material of the screw in high-strength steel possible

##### Technical specification

- Capacity:.....15 – 850 m<sup>3</sup>/h
- Length (Standard): .....individually
- Diameter (Standard):..... 150 – 850mm

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# Drum sifter



## DATA SHEET



The cleanest way to  
clean pellets

### Description

For the sieving of for example pellets we produce drum sifter with a capacity from 40 up to 100 m<sup>3</sup>/h. By simply changing screens can be screened out different fractions. If desired, the screen can be aspirated. Combined with a self-cleaning filter system it guarantees maintenance-free continuous operation.



### Advantages

- By the big sieve surface will all pellets separate from the fine parts.
- The drum is cleaned during each rotation on the top so that a maintenance-free operation is ensured.
- When combined with an air separator, the smallest fines can also be extracted.



**DATA SHEET**  
**Drum sifter**

**Our range of service:**

- screening capacity 40 or 80 or 100 m<sup>3</sup>/h
- screen surface 2,80m<sup>2</sup> or 6,20m<sup>2</sup> or 9,10m<sup>2</sup>

**Advantage**

**General**

- Especially for cleaning pellets
- gentle transport of materials
- Capacity from 40 up to 100 m<sup>3</sup>/h.
- robust construction
- Cleaning of the sieve with every rotation by a cleaner on the top



Example of a drum sifter with air separator

**Option**

- Speed sensor
- Transport screw for dust away
- Aspiration
- Air separator for the vacuum off the fine particle

**Technical specification**

- Weight:.....1,7 – 2,3 to
- Capacity:.....40 – 100 m<sup>3</sup>/h
- Sieve surface:.....2,8 m<sup>2</sup> - 9,1 m<sup>2</sup>
- engine power:.....2,2 – 4KW
- Drum diameter:.....485 – 980mm



Gearmotor

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# Tubulator

**Rematec**  
Maschinenbau · Anlagenbau · Agrartechnik



**DATA SHEET**



**The easy transport of bulk materials over long distances**

## Description

- Tubulator is used for the transport of bulk materials over long distances.
- Guide pulley and under belt pulley are equipped with ball bearings.
- torsion-resistant and robust construction for long distances without support
- Wide range of accessories allows adaptation to almost any application.

## Advantages

- robust construction
- conveying over long distances
- low-maintenance and low-wear
- flexible by variations
- intensive to moisture
- flame-resistant



## DATA SHEET Tubulator

# Rematec

Maschinenbau · Anlagenbau · Agrartechnik



### Our range of service:

- Conveying length up to max. 100m possible without air support.
- Capacity up to 300 m<sup>3</sup>/h.
- High quality materials and workmanship



Example of a drive pulley

### Advantage

#### General

- robust construction
- Convey height of 60% in operation
- low-maintenance and low-wear
- flexible by variations
- extra strong rubber blanket 8mm used for abrasive material
- low noise level
- High performance with low electricity consumption

#### Technical specification

- Belt:.....z.B. EP 250/2
- oil and grease resistant :.....yes
- endless vulcanized:.....yes
- Tube-Ø:.....355,6mm
- Length:.....individually
- Belt width (Standard):.....500mm



Belt centered station



drive station

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# Truck loading chute



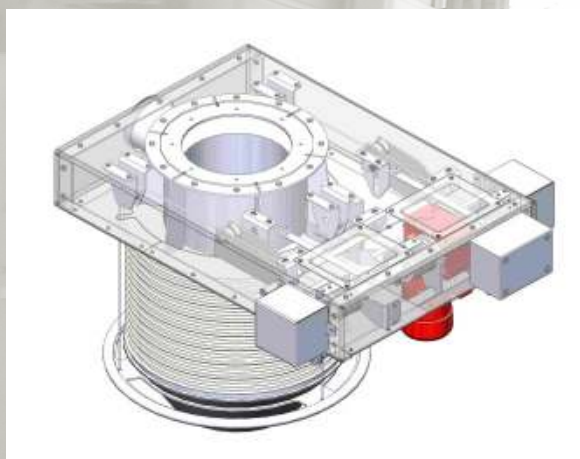
**DATA SHEET**



**The easy way to  
load materials**

## Description

Rematec truck loading chute is used for dust-free loading of dry bulk material for trucks. The truck loading chute can be optionally used for tank or open vehicles and containers.



**DATA SHEET**  
Truck loading chute

**Our range of service:**

- Diameter 300 and 350 mm possible
- Capacity range from 100 to 150 m<sup>3</sup>/h.
- Chute length up to 3 meter



Example of a loading chute



Gearmotor

**Advantage**

**General**

- suitable for all flowable materials
- Diameter from 300 to 350 mm
- All ropes fitted with slack cable detector
- very robust construction
- easy operation
- completely galvanized

**Option**

- Paddle switch for full detection
- Air scoop for loading open trailers
- Aspiration

**Technical specification**

- Weight:.....270 kg
- Capacity:.....100 and 150 m<sup>3</sup>/h
- Chute length:.....up to 3 m
- Diameter (Standard):...300 and 350mm

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