



#### Project Data

Year of construction	2016
Storage length	58 m
Storage width	6,8 m
Storage height	13 m
Pallet format	2.600 x 6.100 mm
Number of system pallets	360
Payload per system pallet	5.000 kg
Number of storage and retrieval machines	1
Number of stations	2

### Storage systems

Our product portfolio covers stored material of all kinds. System design, format sizes and payloads can be adjusted individually for all systems.

Additionally, you may use options that perfectly match your storage requirements.



Sheet storage



Long goods storage



Customised solutions



Storage and retrieval machines

### Storage technology and automation Sheet storage



Your customised solution for any need

#### Your competent partners for

Complete facilities  
Plant components  
Modernisation  
Service

Trafö-Förderanlagen GmbH & Co. KG  
Bahnhofstraße 80  
D-97922 Lauda-Königshofen  
verkauf@trafoe-foerderanlagen.de  
www.trafoe-foerderanlagen.de  
Telefon +49 9343 7900-0  
Telefax +49 9343 7900-10

Planning  
Production  
Mounting  
Commissioning  
Service



[www.trafoe-foerderanlagen.de](http://www.trafoe-foerderanlagen.de)

[www.trafoe-foerderanlagen.de](http://www.trafoe-foerderanlagen.de)

2,6 m x 6,1 m  
5.000 kg

**Compact and high-performing –**  
For optimised utilisation



**Project Description**

Rostfrei Stahl Geiswind GmbH can look back on nearly 50 years of experience in the area of cut sheets of rust-, acid- and heat-resilient CR-Ni steels. The company is still family-owned. It is the only group-independent cutting operation of this size in Germany. Rostfrei Stahl invested in expansion of the production areas in 2016 and installed a fully automatic sheet storage system. The challenge was in the sheet formats to be stored. The system pallets can hold sheets at sizes of up to 2,600 x 6,100 mm. they can be loaded with up to 5,000 kg each.

At a length of 58 m and a total height of 13 m, the single-line storage system with 360 bins offers a total capacity of about 1,800 tons of material. The storage and retrieval device, equipped with some electronic helpers and a load handling device developed by Trafö supplies the storage and retrieval stations with the system pallets. Both stations of the system are designed as travelling carts and can be used for loading and unloading. An integrated weighing system in the stations fully automatically records the weight of the stored products and reports them to the control and software.



**Control and software solutions**

The storage administration system is the command centre of the system. It controls all movements of the storage and retrieval device and coordinates all processes of the system. The system has a special inventory function that permits automatic inventory taking through the weighing technology in the stations. All data are exchanged via an interface with the ERP system. The intuitive software interface installed on touch screen terminals serves to operate the system. Material postings, demand requirements and the current status of the warehouse can be requested at each of the terminals. The modular build of the software structure offers an optimised solution for many different applications and can be supplemented and expanded at any time by using individual components.

- Your benefits:**
- Highest economic efficiency
  - Quick access times
  - Reliable delivery times
  - Saving time and money



The special characteristic of the storage system is the size of the system pallets. Sheets at formats of up to 2,600 x 6,100 mm and a maximum weight of 5,000 kg can be stored.



**Trafö storage systems**

**Top technology products.**  
**Speciality: Customised solutions.**

**We will gladly advise you:**  
Phone +49 9343 7900-0