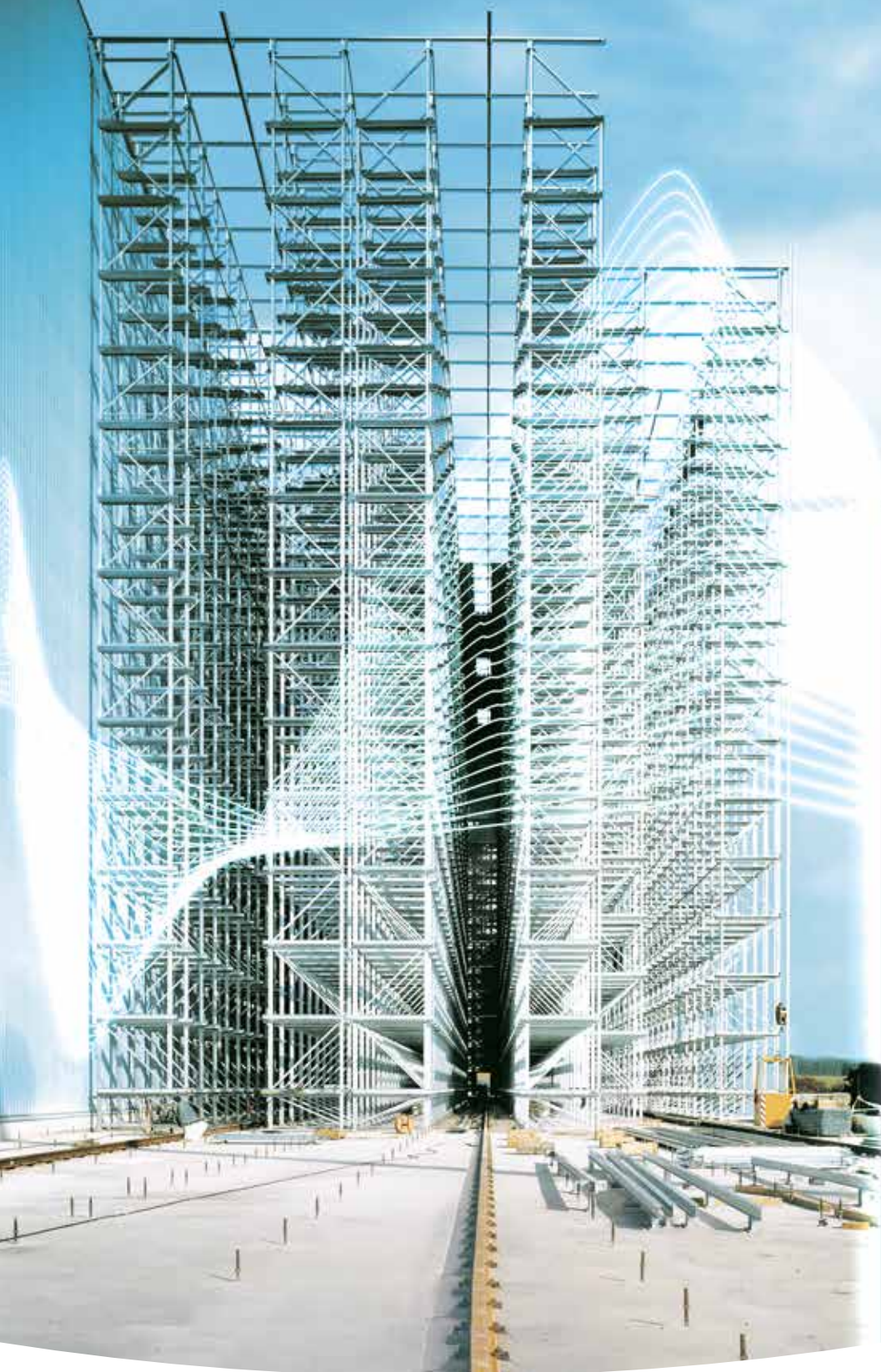


# HIGH BAY WAREHOUSE

The highest demands executed reliably



MORE THAN 1,000  
SUCCESSFULLY  
COMPLETED HIGH BAY  
WAREHOUSES WORLDWIDE



system development



project completion



production



assembly



## DO YOU WANT TO AIM EVEN HIGHER IN TERMS OF YOUR WAREHOUSE LOGISTICS?

Welcome to voestalpine Krems Finaltechnik

**If you want to be the best**, we are your partner to make it happen. Warehouses which can be operated fully automatically up to heights of 50 m and for the widest range of storage tasks and locations, as for instance earthquake regions, are our expertise. Yet we are still the partner that keeps its feet firmly on the ground. Economical, reliable,

precise and quick – that is how we realize your high bay warehouse. More than 1,000 successfully completed projects worldwide give many good reasons for choosing voestalpine Krems Finaltechnik and they make us the ideal partner for warehouse planners, system integrators and building owners. Talk to us.

### EXTRA PERFORMANCE AND RELIABILITY FROM A SINGLE SOURCE WITH THE IQ-CHAIN®

Expert know-how, experience and the reliability of the Inhouse Quality Chain, (IQ-Chain®) which is industry-wide outstanding, are what set us apart. We guarantee the complete quality chain in-house – from systems development to project completion and production of the products to assembly, with voestalpine in charge. You will receive

everything from a single source and a single company. voestalpine Krems Finaltechnik GmbH is a company of the Metal Forming Division within the voestalpine group. The company offers complete product and systems solutions in three business areas: high bay warehouses, system racks, road safety.

The IQ-Chain® offers you:

- » **Quality assurance**
- » **Interface assurance**
- » **Deadline reliability**



## UNIT LOAD SYSTEM

We take precision to a whole new level

**In order to ensure** the functionality of an automatically-operated plant, it comes down to the millimeter. That is the reason why we use quality-assured, cold-formed profiles from our own company. The extremely small tolerances of our profiles are the basis for the dimensional accuracy of the entire structure and ensure perfect automatic operability at the same time.

With the perfect interaction between system technology and customized production, we provide you highly economically with the best solutions. The stored product is a determining factor for our construction as well. We are taking all parameters into consideration, ranging from the technical infrastructure such as ventilation, heating and sprinklers, all the way to conveyer technology and operating devices. We are specialists for:

- » **Single, double and multi-deep solutions**
- » **Open face and beam type racks**
- » **Highest stability and earthquake resistance**
- » **Pallet rack with integrated order-picking levels**
- » **Deep-freezer warehouse**

### Highlights:

- » **1/2/3/4 pallets per bay**
- » **Rack-space height is over 3 meters, rack-space width up to 4.5 meters**
- » **Highest flexibility: euro pallets, industrial pallets, chep-pallets, pallet cage – everything can be stored**



## PALLET SHUTTLE SYSTEM

Tailor-made for all operating devices

### Highlights:

- » **1/2/3 pallets per bay**
- » **Rack-space height above 3 meters**
- » **Complex pre-zones with complex platforms and elevator technology**
- » **Tailor-made devices in the channel rows and aisles**

This high density storage system allows higher room usage and capacity for low diversity articles. Highest level of precision during the whole project, from planning to production and assembly, is our distinguishing feature as a project partner. Thus we offer the ideal prerequisites for smooth automatic operation, even in warehouses with a last-in-first-out method. Our pallet shuttle systems are equipped with channel rails according to your individual requirements and are tailor-made for all conventional operating devices. A design for shuttle operation makes multi-deep blocks possible.





## AUTOMATED SMALL PARTS WAREHOUSE

Highly efficient

**We put your requirements** regarding warehousing shelf boards and boxes into practice – in terms of an efficient and economical rack solution.

With the tightest manufacturing tolerances and highest assembly accuracy, we guarantee the highest precision possible for reliable automatic rack loading. Whether it is a silo solution or free-standing in a hall, we are the right partner. Thanks to our wide-range of different types of racks we are the specialist when it comes to integrating small-parts warehousing in for instance a unit load system.

### Highlights:

- » Open face and beam type racks
- » Single-deep to multi-deep solutions
- » Integration of flow-track channels
- » Highly economical silo constructions with several device levels
- » Cartons and boxes in different sizes can be stored



## SPECIAL WAREHOUSE

Special goods require special warehouse solutions

**From coils, paper reefs** and printed circuit boards to car bodies or fully automated multi-story car parks with up to 30 tons of load – thanks to our IQ chain from individual planning to production, we are the specialists for special solutions and exceptional tasks.

Due to our many years of experience in the area of heavy and bulky goods, we can guarantee rack solutions, which exactly meet the respective needs. Leading international companies from the automobile, paper, forest and metal industries trust our special solutions.

### Highlights:

- » Individual solutions for individual requirements
- » Many years of experience, sophisticated know-how in systems development
- » Special warehouses for single loads up to 30 tons

