



PFAFF
silberblau



STAHL
CraneSystems

CANCO
INTELLIGENT MOTION



Yale



DORNER

4 STRONG BRANDS... FROM ONE HAND



The STAHL CraneSystems brand stands for reliable and safe hoists and crane components as well as methodical engineering solutions.

The products are used in standard, special and explosion-protected bridge cranes or hoisting systems in industries such as automotive, oil and gas, power station construction, chemical industry, transport and logistics, steel and concrete industry, mechanical and plant engineering, air and road transport industry as well as in the pharmaceutical and food industry.



Pfaff-silberblau has been a technological leader in drive and lifting technology for 150 years. Innovative complete solutions with worm gear screw jacks, electromechanical components of linear drive technology or hoists for steel and heavy industry, logistics, stage technology, for offshore plants and ATEX areas. With this unique portfolio of hoisting gear units, customers can combine components and solutions according to their needs. The Pfaff portfolio of winches ranges from manual winches for standard applications to winches driven by electric motors.

Whether you're travelling above or underground – Pfaff-silberblau Rail Technology plays a vital "behind the scenes" role to ensure trains are running safely and efficiently. Our product range includes mobile lifting jacks, lifting platforms, as well as special customized equipment and complete under-floor lifting systems. To cover all maintenance and repair work on bogies, wheel sets and vehicle chassis, Pfaff-silberblau has the optimal solutions for your workshop.



Yale is the leading brand in Europe for standard manual hoists.

Delivered ready for use, the devices are used in a variety of industrial and commercial sectors worldwide: in construction, mechanical engineering, transport, energy & water management, oil & gas and paper production.

The application-oriented range as well as all innovative new and further developments of Yale products are constantly raising the bar in terms of quality, reliability and safety. The wide range of products includes hoists, cable pullers, jib and gantry cranes, load handling equipment and weighing technology, hydraulic tools, heavy-duty load moving systems, pallet trucks and stackers, textile lifting and lashing equipment.



Precision conveyors – solving industrial, packaging, and sanitary conveyance needs. Founded in 1966 in Hartland, Wisconsin, Dorner is a global leader in the design, application, manufacturing, and integration of conveyor systems. Customers all over the world turn to Dorner to achieve improved efficiency, productivity, and a positive ROI.

Dorner is transforming conveyor automation with cutting edge solutions and best in class support. Our team of conveyance experts meet the challenges of various industries head on, and create unique conveyor systems to meet our customers needs.



Columbus McKinnon has over 150 years of history and is a global leader in lifting and intelligent motion control technology.

Its innovative portfolio of high-quality brands including Stahl CraneSystems, Yale, Pfaff-silberblau and Dorner, addresses the needs of our customers by enhancing business safety and promoting their growth and efficiency.

Experience, expertise and innovation combined with a broad understanding of user requirements are the winning formula

on which our product portfolio of hoists, material handling equipment and load handling devices has long been based.

Columbus McKinnon is a global organization headquartered in Buffalo, New York. Its global presence includes offices and manufacturing facilities in North America, Latin America, Europe, Africa and Asia.



www.columbusmckinnon.com

ELECTRIC AND PNEUMATIC HOISTS

Available in a wide range of capacities, features, and specifications, Columbus McKinnon's portfolio of electric and pneumatic hoists are known throughout the material handling industry for their strength and performance.

Product range

- Electric chain hoists
- Pneumatic chain hoists
- Electric wire rope hoists
- Explosion proof (ATEX) electric chain hoists
- Explosion proof (ATEX) pneumatic chain hoists
- Explosion proof (ATEX) electric wire rope hoists



In a coating plant for the automotive industry in China, 48 specially designed ST chain hoists operate at very high humidity levels.



MANUAL HOISTS

Columbus McKinnon's line of manual hoists combines superior engineering, efficiency, and durability for a wide range of applications.

Product range

- Hand chain hoists
- Hand lever hoists
- Cable pullers and accessories
- Explosion proof (ATEX) hand chain hoists
- Explosion proof (ATEX) hand lever hoists



Yale ERGO 360® UT with automatic safety gear in overhead line construction



WINCHES

The portfolio ranges from manual wire rope winches for standard applications to customized winches driven by electric motors. The spectrum of load capacities is wide. All products impress with effective power transmission, safe operation and high-quality workmanship.

Product range

- Electric wire rope winches
- Manual wire rope winches
- Worm gear drives
- Accessories



The Pfaff-silberblau BETA EL4 winch in use in automotive test benches. There, it serves as a travel system for the vertical adjustment of a sun simulation system in a climate chamber.





Floor mounted jib crane with four electric chain hoists ST 50

WORKPLACE AND JIB CRANES

Columbus McKinnon offers the optimal solution for every application with its complete range of crane systems and lifting systems.

Product range

- Gantry cranes
- Floor mounted jib cranes
- Wall mounted jib cranes



Single girder overhead travelling crane with electric wire rope hoist SH

CRANE COMPONENTS

High-quality crane components in an economical plug-and-play system for quick and easy installation.

Product range

- Crane electrics
- End trucks and carriages
- Travel drives
- Wheel blocks
- Explosion-proof crane electrics
- Crane kits



Double girder overhead travelling crane with crane operator cabin and electric wire rope hoist AS 7 ZW



ACTUATORS

Our actuator systems with worm gear screw jacks are used in a wide variety of applications in areas such as mechanical engineering, the automotive industry, energy supply, the food sector and logistics applications. Suitable series are available for requirements in a wide range of load ranges and different sizes or stroke speeds. This includes the proven screw jack series as well as the newly developed SSP series with stainless steel screw jacks. We offer high-quality drive systems with comprehensive service, consulting and engineering.

Product range

- Screw jacks 2.5 kN up to 2000 kN
- Linear actuators 0.55 kN up to 100 kN
- Lifting columns PHOENIX up to 25 kN
- Bevel gear boxes up to 8.500 Nm output torque
- Clutches, cardan shafts, spindle covers
- Screws & nuts



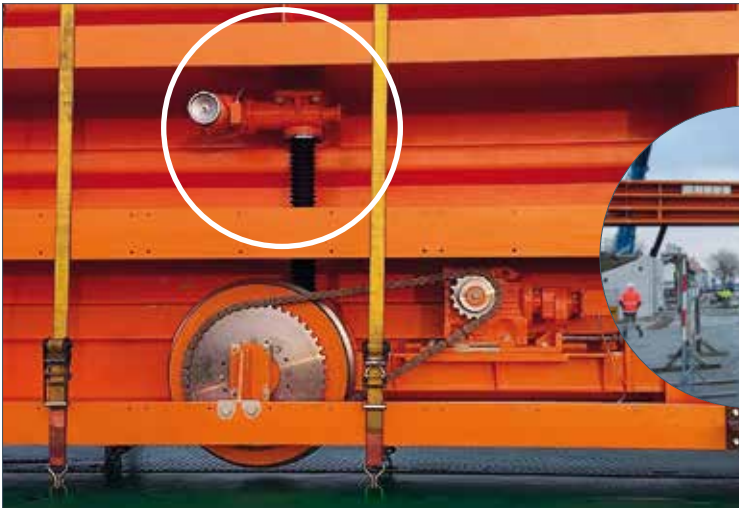
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Columbus McKinnon is equipping the ferry port in Kuryk on the shores of the Caspian Sea with Pfaff-silberblau screw jacks. The two huge loading bridges each contain 24 Pfaff-silberblau SHE 150.1 special screw jacks and 48 special geared motors, thus creating the technical basis for complete freight trains to enter and leave the ferries quickly.



Optimized worm gear screw jacks from Pfaff-silberblau lift and lower the roof of Milan's stage reliably and, above all, safely.



The SHE worm gear screw jacks from Pfaff-silberblau are used in the sliding gates of the promenade. (Image rights: ARGE HPI/hpl Greifswald)



SHE series worm gear screw jacks from Pfaff-silberblau ensure reliable operation in the latest screeds of a global mechanical engineering company.



FLEXIBLE CHAIN CONVEYORS

For particularly flexible and individual designs, FlexMove conveyor systems and FlexMove individual components made of aluminum and stainless steel are ideally suited. Slat band chain conveyors are also known under the product names plastic chain conveyors and link belt conveyors.



FABRIC AND MODULAR BELT CONVEYORS

Conveyors offer companies a number of unique ways to move parts and products. These systems help increase productivity, efficiency and more.

Our belt and plastic modular chain conveyors can be easily adapted to specific designs and assemblies. They are used to transport parts with conveyor configurations such as straight, curved lines and rising (Z-frame).

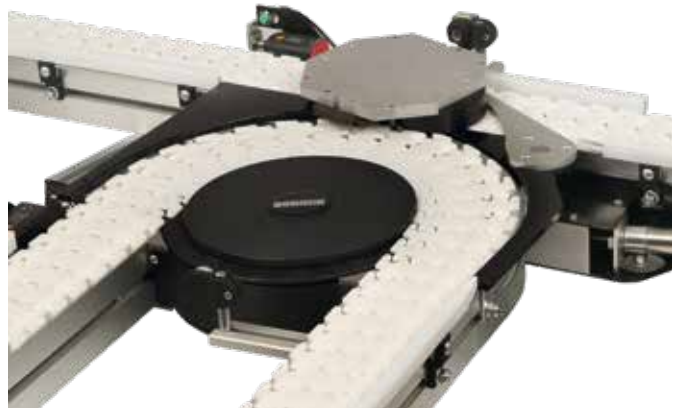
We also have a wide variety of belt and guide options to help you find the right conveyor for you.



PALLET SYSTEMS

Dorner's pallet system conveyors simplify product flow and control with features such as the unique pin tracking system, industry-appropriate pallet sizes and innovative modules.

Our Precision Move 2200 Series pallet system conveyor and Flexmove pallet systems feature advanced pallet traffic management and are specifically designed to increase efficiency, reduce downtime in automation processes and provide accurate conveyance.



SANITARY AND STAINLESS STEEL CONVEYORS

Our 7X Series conveyors - also known as AquaGuard and AquaPruf platforms - take food handling conveyors to a whole new level. Designed for fast and effective sanitation and protection against contamination, the 7X Series offers the same quality and flexible design as all of our Dorner systems.

We are proud to offer the only conveyor belts in the industry with USDA certification: the AquaPruf 7400 Ultimate and 7600 Ultimate. These are the only modular conveyors on the regulatory list of approved equipment for the meat and poultry industry.



Modern warehouse automation began with the integration of conveyor belt systems. In the time since these innovations, conveyors have played an important role in facilitating the efficient and accurate automation of warehouse operations in all applications and industries.

RAIL TECHNOLOGY

Whether you're travelling above or underground – Pfaff-silberblau Rail Technology plays a vital role behind the scenes to ensure trains are running safely and efficiently. Anyone who operates modern transport systems today depends heavily upon reliable maintenance and inspection of their fleet. Our equipment enables maintenance work to be organised and executed efficiently by minimizing downtime. The timely discovery of wear and eliminating potential hazards: this is fundamental to providing smooth-running, safe and efficient rolling-stock operations.

Product range

- Underfloor lifting systems
- Lifting jacks
- Roof working platforms
- Hybrid lifting systems
- Turntables
- Bogie-axle exchange systems
- Bogie lifting systems
- Transfer tables
- Bogie lift and turn devices
- Workshop equipment



To simplify the dismantling of components and their onward transport, vertically movable cranes were installed between the nacelles. These can also be controlled remotely via radio control. STAHL CraneSystems' wire rope hoists with capacities from 1000 up to 5000 kg support the dismantling of components on the roof of the wagons.

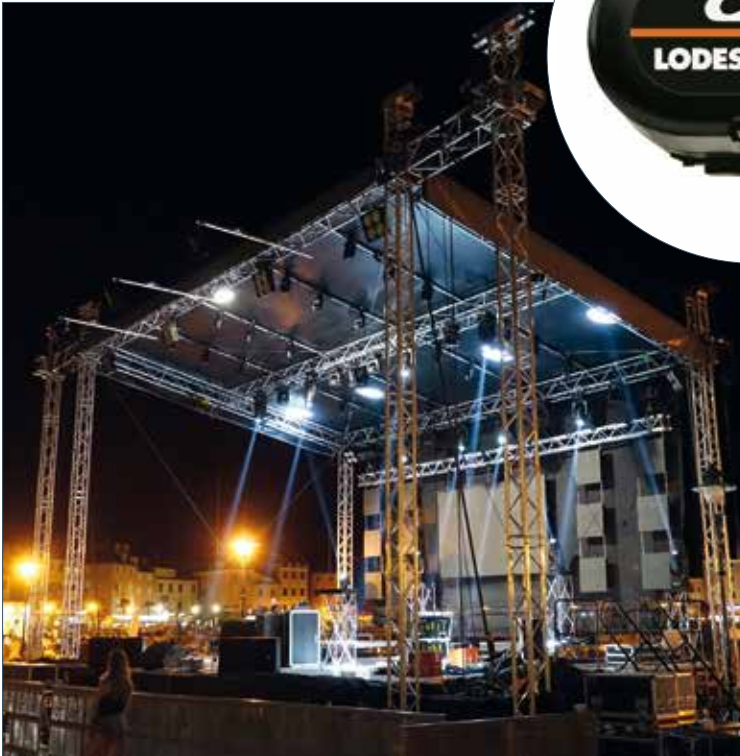
ENTERTAINMENT TECHNOLOGY

Columbus McKinnon Entertainment Technology (CM-ET) is an industry leader in providing high-quality lifting and positioning equipment to riggers around the world.

In addition to a product line that is recognized in venues around the world, CM-ET has built a network of distributors that provide the highest level of customer service to users in the industry. Wherever the show is, a knowledgeable CM-ET distributor is available to provide support with parts, service or accessories. When you're looking for products or services to ensure your event shines, turn to the company with more than 150 years of experience meeting our customers' needs - Columbus McKinnon.

Product range

- Electric chain hoists
- Electric wire rope winches
- Manual wire rope winches
- Manual trolleys
- Trolley and beam clamps
- Hand lever hoists
- Hand chain hoists
- Textile slings and accessories



Columbus McKinnon has established a reputation throughout the entertainment industry as a leading provider of high-quality lifting and positioning equipment to event builders around the world. From international sporting events and tours to Broadway musicals and theaters, promoters and production companies rely on our products. The Show must go on!



Automotive



Transportation and Rail



Chemical & Pharma Processing



Utilities & Power Generation



Entertainment



Aerospace & Government



Marine Terminal



Metals Production



Offshore



Our CMC0 branches at a glance!

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