

EKD SYSTEMS KOLIBRI Standard Drag Chain



EKD SYSTEMS KOLIBRI Standard Drag Chain Instruction Manual

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EKD SYSTEMS

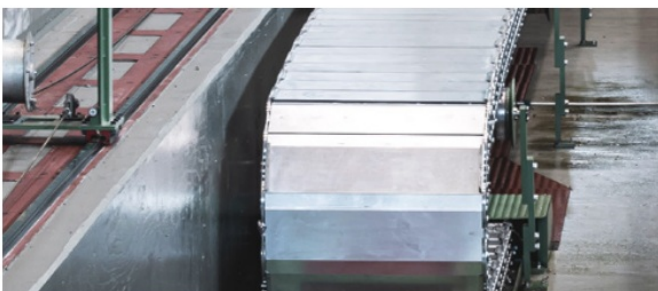
EKD SYSTEMS KOLIBRI Standard Drag Chain



For more than 50 years, EKD Systems GmbH has specialised in the manufacturing of customised plastic, hybrid and steel drag chain systems for a wide range of requirements. In doing so, we rely on a standardised range of high-quality catalogue products, which we process to create customised solutions for your requirements from one-off items to large-scale production. We have an extensive range of machinery with a high degree of vertical integration.

Our Strengths – Your Advantages

high production depth and capacity competent and experienced employees prototype to serial production complete systems from a single source reliable worldwide service As a member of the HELUKABEL Group, we offer our customers complete systems and assemblies with pre-assembled cables and ready-to-use drag chain systems from a single source.



Drag chain systems are used for a wide range of applications and travel distances. EKD Systems has the right solution for every application: from self-supporting drag chains for short distances to gliding drag chains for longer distances. Our range also includes special slide shoes to reduce wear and channel systems to guide the chains.

Even for very long movement distances and high additional loads, the Marathon system is a reliable solution. Light and versatile solution for mechanical engineering. Due to their production method, these drag chains are inexpensive and quick to manufacture.



Applications

Handling and conveying technology, paper and textile machines

KOLIBRI Standard Drag Chain

Your Advantages

Simple and easy opening mechanism on both sides
Usable without connection element

Variable interior separation

Dividers can be quickly interchanged
High torsional rigidity

PKK Variable Drag Chain

Applications

Handling technology, machine tools and woodworking machines

Your Advantages

Locking bar for more stability with high tightening forces

Quick and easy assembly and disassembly

Easy to shorten and extend

Optional multi-band solution for higher stability
The mounting bar for larger media hoses

PFR Fully Enclosed Plastic Drag Chain

Applications

Machine tools, welding machines, sheet metal processing, woodworking

Your Advantages

Protection against dirt and debris High-quality appearance due to closed design

Easy to shorten and extend

Optional metal coating to protect against hot metal chips, weld spatter or flying sparks Various connection options

are available. The combination of robust plastic links and aluminium stays is well-suited for large drag chain widths. The chains are available in combination with the Marathon guide channel system for long distances.

PLE Robust Drag Chain

Applications

Machine tools, handling technology, conveyor and lifting technology

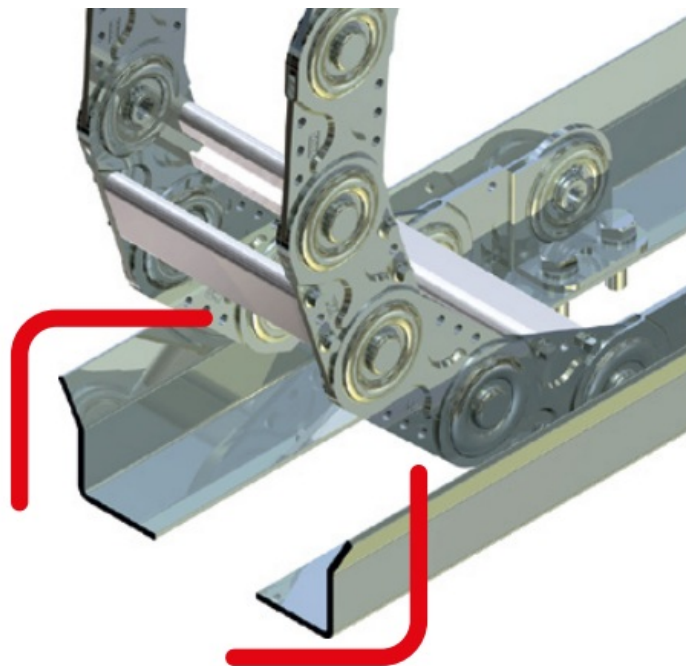
Your advantages

Form-fitting locking bar for highest stability Quick and easy assembly and disassembly of the bars Up to 1,000 mm bar length Long movement distances

GUIDE CHANNEL SYSTEM For Long Travel distances

Applications

Indoor and outdoor crane systems, material handling, and axis 7 on robots.



Your advantages

Aluminium and steel Top-hat rail mounting profile for easy alignment

Slide rails for direct mounting

Simple alignment due to centring pins Plant guide channel for uneven grounds Highest mechanical strength and temperature resistance in harsh environments.

SLE Self-supporting Drag Chain

Applications

Machine tools, handling technology, conveyor and lifting technology, steelworks, drilling industry

Your Advantages

Available in steel, stainless steel and hardened versions Large self-supporting lengths and high filling weights possible Bar partitioning in many versions Easy to shorten and extend Hinge mechanism protected by cover plates

GKA Largest and Most Resilient Drag Chain

Applications

Rolling mills, offshore plants, large machine tools

Your Advantages

Extra high stability

Large self-supporting lengths up to 18 m at high cable volumes

Variable interior design

Bar lengths up to 1,200 mm possible Also available in stainless steel and customised versions

SFK Fully Enclosed Steel Drag Chain

Applications

Machine tools and special machines with short travel distances and low number of strokes

Your Advantages

Closed steel jacket with retracted spring steel profile Large usable cross-sections with small external dimensions

Optimum cable protection

Various connection options are available Ideal hot metal chips, weld spatter or flying sparks

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Documents / Resources



[EKD SYSTEMS KOLIBRI Standard Drag Chain](#) [pdf] Instruction Manual
KOLIBRI Standard Drag Chain, KOLIBRI, Standard Drag Chain, Drag Chain, Chain

References

- [EKD EKD Systems - Kompetenz in Energieführungsketten in Stahl und Kunststoff](#)
- [User Manual](#)

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