



VERTICAL GUIDE SYSTEM

Ready-to-install channel system
for vertical hanging applications

READY-TO-INSTALL CHANNEL SYSTEM FOR VERTICAL HANGING APPLICATIONS

ALUMINUM CHANNEL SYSTEM FOR UNIFLEX ADVANCED

The ready-to-install channel system for vertical hanging applications from TSUBAKI KABELSCHLEPP is ideal for use in fast moving storage and retrieval systems with high lateral accelerations. Other typical fields of application are lifters, elevators, construction elevators, crane elevators or lifts. The ready-to-connect complete system includes driver stop, cables and strain reliefs and has a modular design which makes it very easy to install. Individually adapted standard parts and therefore standardized dimensions result in short delivery times and a cost-efficient solution. This allows energy and data to be safely transferred within a system without interruptions.



Technical information

- » Standardized for UNIFLEX Advanced 1555
- » Available from 75 mm inner width and 125 mm bending radius
- » Other series and types on request
- » Suitable for extremely long travel lengths
- » Fixed point offset possible
- » Fixed point connection alternatively left or right
- » Cable outlet on the driver alternatively towards the front or rear
- » Standard lengths of the aluminum profile, custom lengths also possible on request
- » Mounting distance of the channel brackets flexibly adaptable
- » Optional C-rails for assembly
- » Attachment parts in galvanized steel or stainless steel
- » Restraint system
 - Smart retrofitting for stacker cranes
 - Wear reduction and longer service life
 - Less noise emission and audibly quieter operation
 - Stabilization of the energy chain at high accelerations
 - Modular design with many connection options



UNIFLEX ADVANCED 1555

LIGHT, QUIET ALL-ROUNDER
WITH A WIDE RANGE OF APPLICATIONS

 Pitch	55.5 mm	 Inner height	38 mm	 Travel acceleration	up to 45 m/s ²
 Travel length unsupported	up to 6.3 m	 Inner widths	50 - 150 mm	 Travel speed	up to 9 m/s
 Travel length gliding	up to 125 m	 Bending radii	63 - 230 mm	 Additional load	up to 10 kg/m

Features

- » Universal connection options
- » Extensive unsupported lengths & high torsional rigidity
- » Good ratio of inner to outer width
- » Low noise emissions
- » Numerous custom material types for custom applications available
- » Easy assembly & fast cable laying
- » Stays with ball joint, opening on both sides
- » Strain relief integrated into the end connector
- » Many possibilities for internal subdivision
- » Wear surfaces for gliding applications involving long travel lengths
- » Fixable dividers



TRAXLINE® LEITUNGEN FÜR ENERGIEFÜHRUNGEN

Our TRAXLINE® program meets the highest quality standards to ensure the continuous availability of your application. The TRAXLINE® product range offers high-flex cables that are extremely durable and especially designed for being used in cable carriers. A main feature is their tested

and proven operational reliability, which meets the applicable standards and directives. Competent, objective-driven system consultation and a global onsite service are part of our ongoing commitment to technical and commercial optimization.



TRAXLINE® Infocenter: With the aid of the TRAXLINE® info center, you can find the right cable for your cable carrier system with just a few mouse clicks. Simply enter the parameters for your application at traxline.de and find the ideal cable for your requirements.

Further information:
traxline.de





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