



# KABELSCHLEPP

THE NEXT GENERATION  
FOR YOUR APPLICATIONS



**QuickTrax**

**EasyTrax**

**UNIFLEX** *Advanced*

**TKA series**

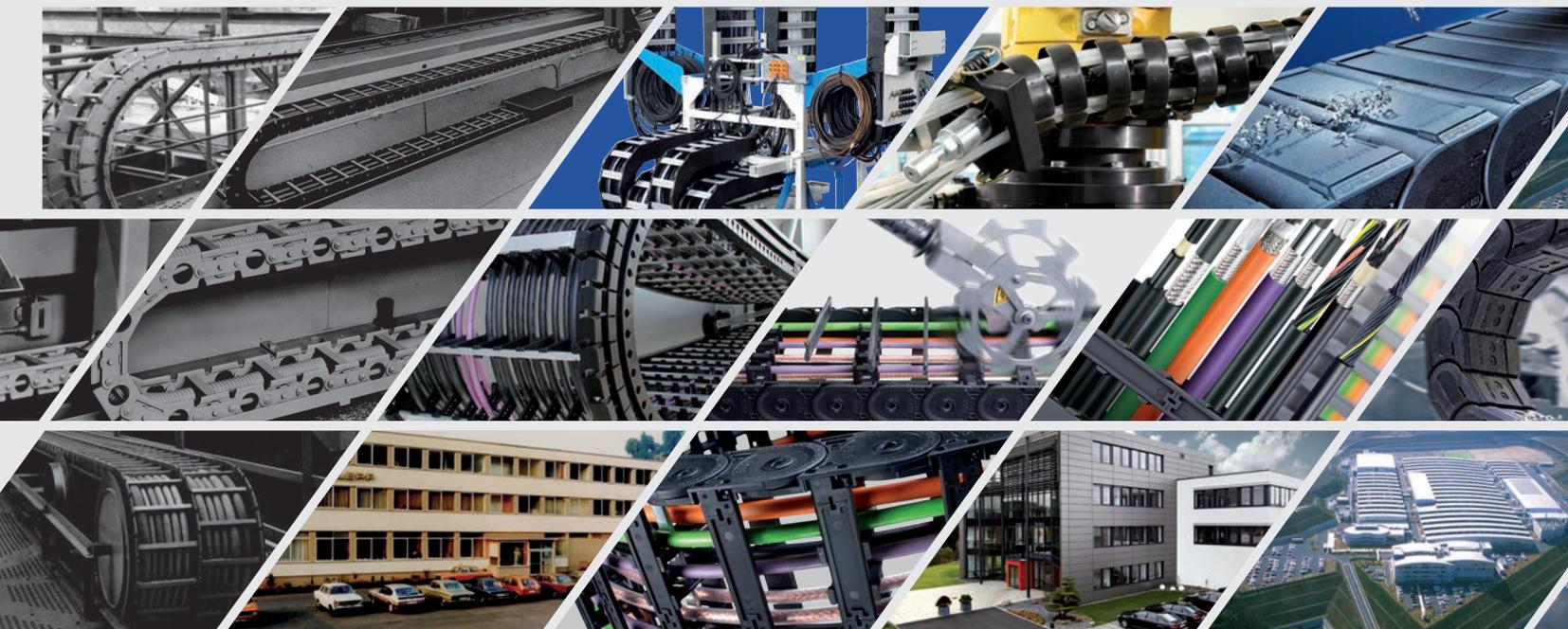


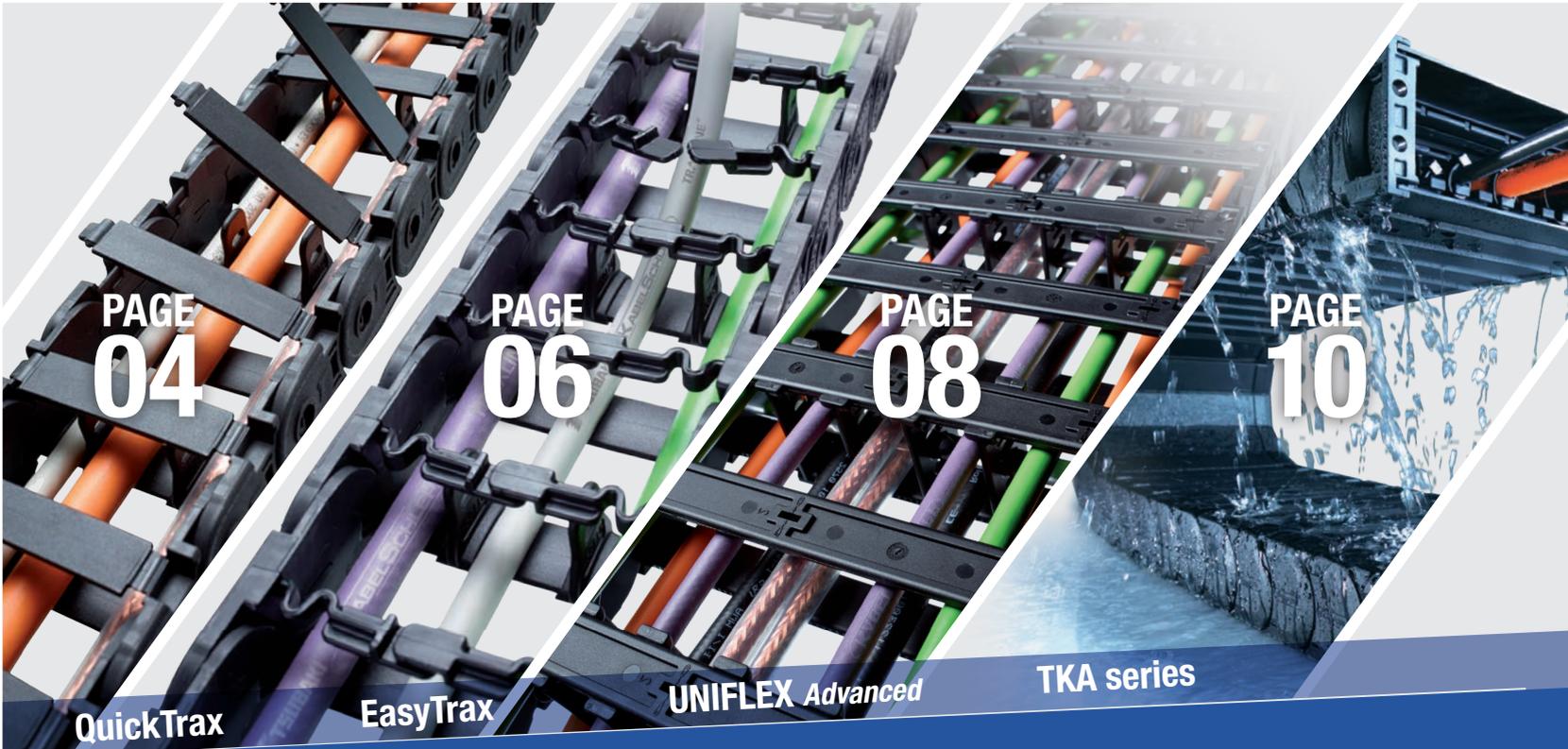
# THE NEXT GENERATION FOR YOUR APPLICATIONS

For more than 60 years Tsubaki KabelSchlepp™ has been developing and providing products to handle industrial cable management needs in the toughest of applications. Such innovation has resulted in industry specific developments of our cable carriers for a variety of industry segments, such as machine tool, port and cranes, medical and laboratory technology, Oil and Gas, industrial robots, and even space travel. One example of our dedication to quality is the UNIFLEX cable carrier line. This product range has proven its level of dependability with millions of carriers currently in operation.

In response to increased customer application demands, we have continuously expanded our product range and are now able to develop new application options with improved features. We are pleased to present the next generation of our cable carriers. With the new UNIFLEX ADVANCED, TKA, and Easytrax and QuickTrax lines added to our product offering, we have once again increased what's possible with a cable carrier. This increased range of products, with improved features insures that you get the perfect solution for your application in terms of performance, quality, and choice of materials. Like our cable carriers, Tsubaki KabelSchlepp is always in motion.

## 60 YEARS OF INNOVATIONS AND THOUSANDS OF SUCCESSFUL APPLICATIONS





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**QuickTrax**

**EasyTrax**

**UNIFLEX Advanced**

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## SAVINGS

Easy handling and fast installation of our products will save you time and money.



## EXCELLENCE

Winner of the IF Product Design Award 2013: the TKA55.



## FAST DELIVERY

All products are available from stock. It doesn't get any faster than that.



## ECO LINK

For the active reduction of CO<sub>2</sub> emissions: the Tsubaki environment label.



## COMPATIBLE CONNECTION

Various connection options feasible.



## OPENING VARIANTS

For maximum flexibility: six opening variants for any requirement.



## TIGHT

Keeps dust, chips, and dirt out of your cable carrier. Even protects against water spray.



## VARIABLE DIVIDER SYSTEM

Movable and fixed dividers – so everything stays in place.



# THE NEXT GENERATION QuickTrax



**Inside height**  
20 mm



**Inside widths**  
15 – 65 mm



**Pitch**  
32 mm



**Additional load**  
up to 2 kg/m



**Extended self-supporting lengths**  
up to 2 m



**Travel length gliding**  
up to 80 m



**Travel speed**  
up to 10 m/s



**Travel acceleration**  
up to 50 m/s<sup>2</sup>



## FEATURES

- Fast and easy cable installation thanks to film hinge lids
- Extremely low noise due to integrated noise damping
- Extensive self-supporting length
- High torsional rigidity
- Each chain link consists of two different materials:
  - Hard cable carrier body made of glass fiber-reinforced material
  - Bracket with flexible film hinge made of elastic special plastic
- Sturdy chain design
- High fill level possible

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]	t [mm]
QT0320	20	15 – 65	32



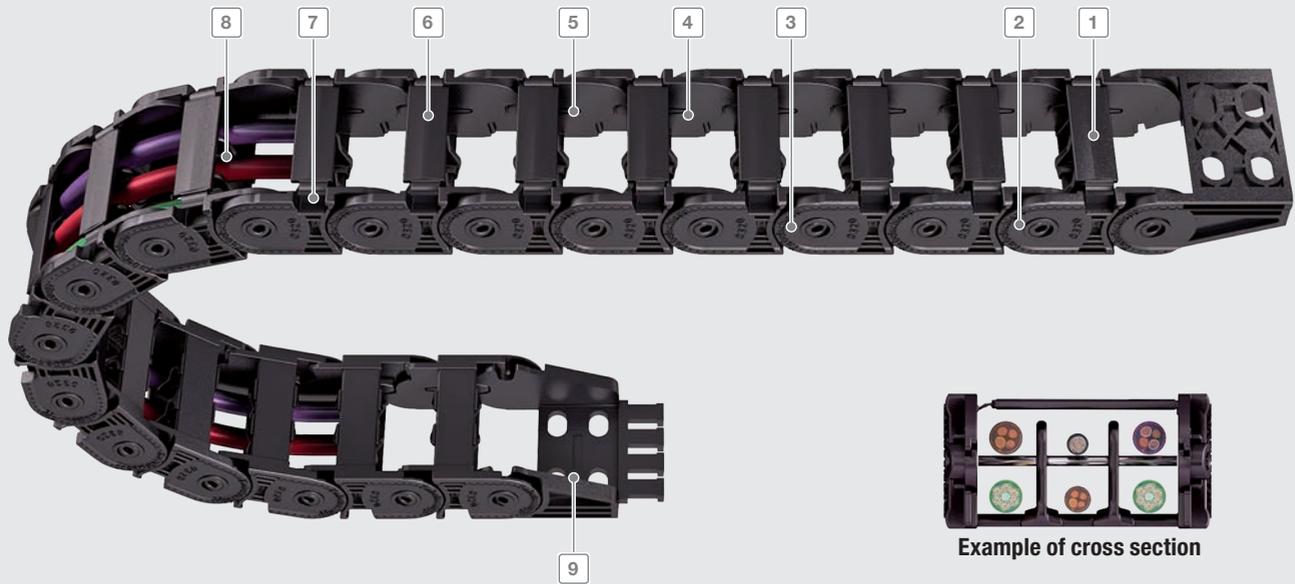
### Ex-protection

For Ex-protection applications, we offer customized solutions made from solid plastic, hybrid or steel cable carriers, which meet the requirements of the standard (with < 10<sup>5</sup> Ω).



### ESD

Our proven ESD cable carriers based on nano-technology with carbon tubes easily meet the requirements of the ESD standard (with < 10<sup>9</sup> Ω) in terms of conductivity and resistance.



- 1 Sturdy two-component design: hard glass fiber-reinforced cable carrier body, flexible film hinge
- 2 Chain links made of plastic
- 3 Extensive self-supporting length
- 4 Inside space is gentle on the cables – no interfering edges
- 5 Extremely low noise due to integrated noise damping
- 6 Quick and easy to open
- 7 For inward/outward opening
- 8 Dividers and height separations for cable separation
- 9 Single-part end connectors with and without integrated strain relief

## INTRODUCTION TO THE NEXT GENERATION – IT COULDN'T BE SIMPLER

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]								t [mm]	KR [mm]						Design										
		15	20	25	38	50	65	90	28		38	48	75	100	125	150	030	035	040	045	050	055	060				
QT0320 <small>The next Generation</small>	20	15	20	25	38	50	65			32	28	38	48	75	100	125 <sup>1</sup>		■	■	■	■						
UNIFLEX 0345	20	15	20	25	38	50	65	90	34.5		38	50	75	100	125	150		■	■	■	■	■	■	■	■	■	■

<sup>1</sup> On request

■ New widths from 2015

### Designs

030 = Outward hinged-opening and detachable brackets

035 = Outward hinged-opening and lockable brackets

040 = Inward hinged-opening and detachable brackets

045 = Inward hinged-opening and lockable brackets

050 = Covered on one side with internally detachable bracket

055 = Covered on one side with internally lockable bracket

060 = Covered on both sides with internally detachable cover

## THE TWO-COMPONENT TECHNOLOGY OF THE QT0320

The two-component technology of the QT0320 combines two seemingly incompatible features: stability and flexibility. Cable carriers need to be extremely sturdy, with extensive self-supporting length. At the same time, cables need to be inserted easily for fast cable laying. The QT0320 meets these

requirements thanks to its innovative design and material combination of a hard cable carrier body made from glass fiber-reinforced material and brackets with a film hinge made from rigid special plastic.



# THE NEXT GENERATION EasyTrax



**Inside height**  
18 mm



**Inside widths**  
15 – 65 mm



**Pitch**  
32 mm



**Additional load**  
up to 2 kg/m



**Extended self-supporting lengths**  
up to 2 m



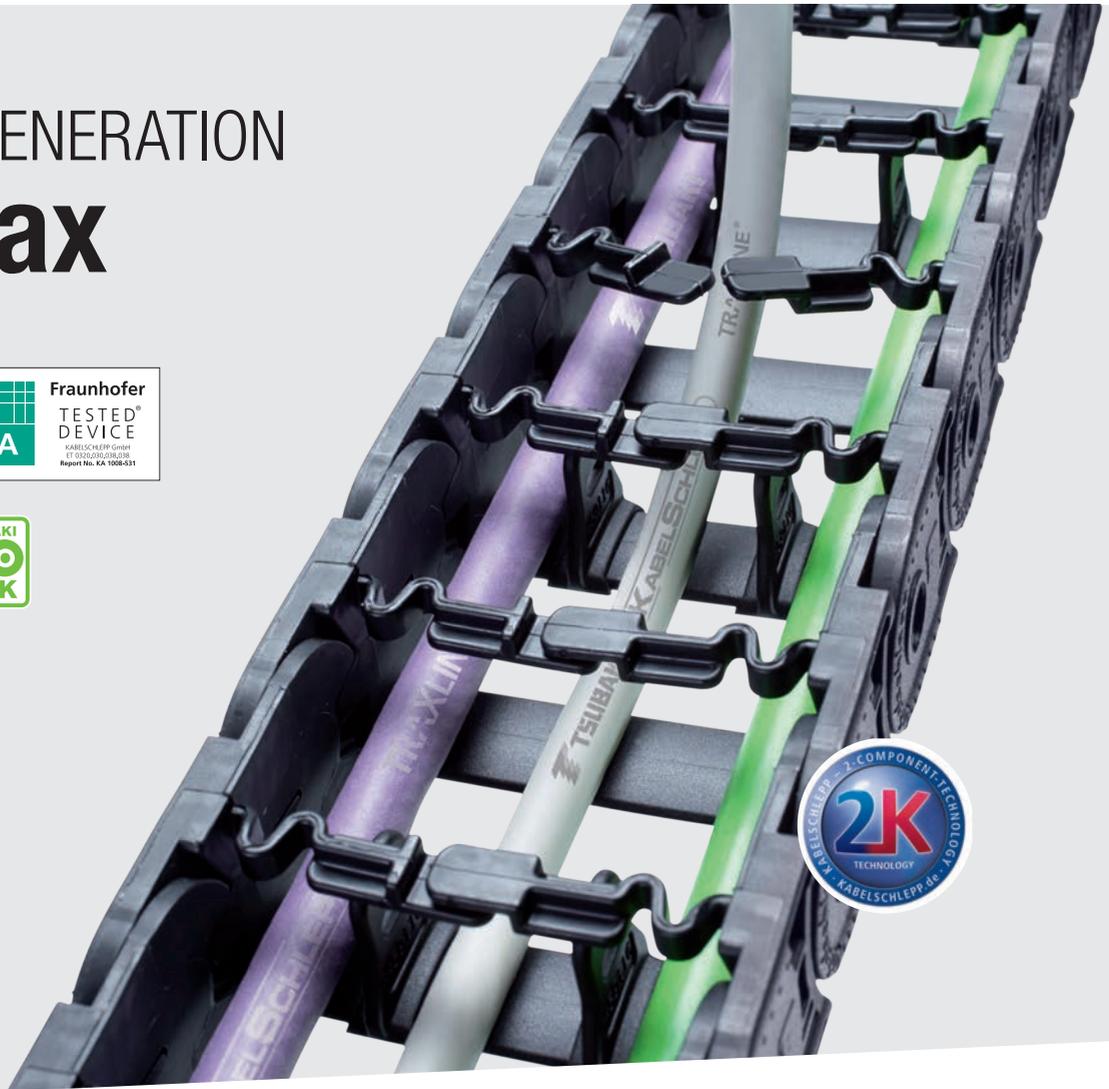
**Travel length gliding**  
up to 80 m



**Travel speed**  
up to 10 m/s



**Travel acceleration**  
up to 50 m/s<sup>2</sup>



## FEATURES

- Fast cable installation thanks to our swinging film hinge lid
- Very high fill level due to the bracket pivoting to the side – bracket does not pivot into the cable space
- Each chain link consists of two different materials:
  - Hard cable carrier body made of glass fiber-reinforced material
  - Bracket with flexible film hinge made of elastic special plastic
- Sturdy chain design
- High torsional rigidity
- Extensive self-supporting length
- Extremely low noise due to integrated noise damping

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]	t [mm]
ET0320	18	15 – 65	32



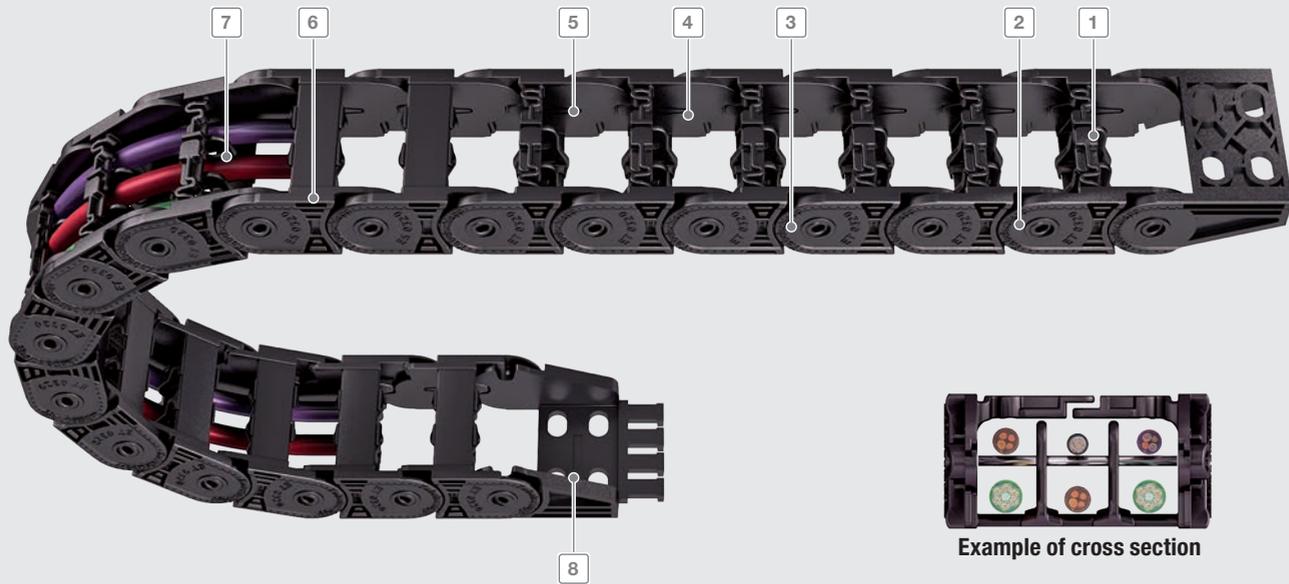
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### ESD

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- 1 Sturdy two-component design: hard glass fiber-reinforced cable carrier body, flexible film hinge
- 2 Chain links made of plastic
- 3 Extensive self-supporting length
- 4 Inside space is gentle on the cables – no interfering edges
- 5 Extremely low noise due to integrated noise damping
- 6 For inward/outward opening
- 7 Dividers and height separations for cable separation
- 8 Single-part end connectors with and without integrated strain relief

## INTRODUCTION TO THE NEXT GENERATION – IT COULDN'T BE SIMPLER

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]								t [mm]	KR [mm]						Design				
		15	20	25	30	38	40	50	65		80	25	28	38	45	60	75	100	125 <sup>1</sup>	030	035
ET0320 <small>The next Generation</small>	18	15	20	25	30	38	40	50	65	80	25	28	38	45	60	75	100	125 <sup>1</sup>	■		■
UNIFLEX 0250	17.5		20		30	40	50	65	80	25	28	38	45	60	75	100			■	■	

<sup>1</sup> On request

■ New widths from 2015

### Designs

030 = Outward hinged-opening and detachable brackets

035 = Outward hinged-opening and lockable brackets

040 = Inward hinged-opening and detachable brackets

## THE TWO-COMPONENT TECHNOLOGY OF THE ET0320

The two-component technology of the ET0320 combines two seemingly incompatible features: stability and flexibility. Cable carriers need to be extremely sturdy, with extensive self-supporting length. At the same time, cables need to be inserted easily for fast cable laying. The ET0320 meets these

requirements thanks to its innovative design and material combination of a hard cable carrier body made from glass fiber-reinforced material and brackets with a film hinge made from rigid special plastic.



# THE NEXT GENERATION UNIFLEX *Advanced*



 **Inside heights**  
20 – 44 mm

 **Inside widths**  
15 – 250 mm

 **Pitch**  
32 – 66.5 mm

 **Additional load**  
up to 10 kg/m

 **Extended self-supporting lengths**  
up to 3.6 m

 **Travel length gliding**  
up to 150 m

 **Travel speed**  
up to 10 m/s

 **Travel acceleration**  
up to 50 m/s<sup>2</sup>



## FEATURES

- Universal connection options
- Extensive self-supporting 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 installation
- Assembly tools available
- Cross bars with ball joint construction, so cross bars can swing open to either side
- Strain relief integrated into the end connector
- Locking vertical dividers available
- Many possibilities for internal subdivision
- Optionally with C-rail integrated in the connector
- Wear surfaces for gliding applications involving long travel lengths

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]	t [mm]
UA1320	20	15 – 65	32
UA1455	26	25 – 103	45.5
UA1555	38	50 – 200	55.5
UA1665	44	50 – 250	66.5



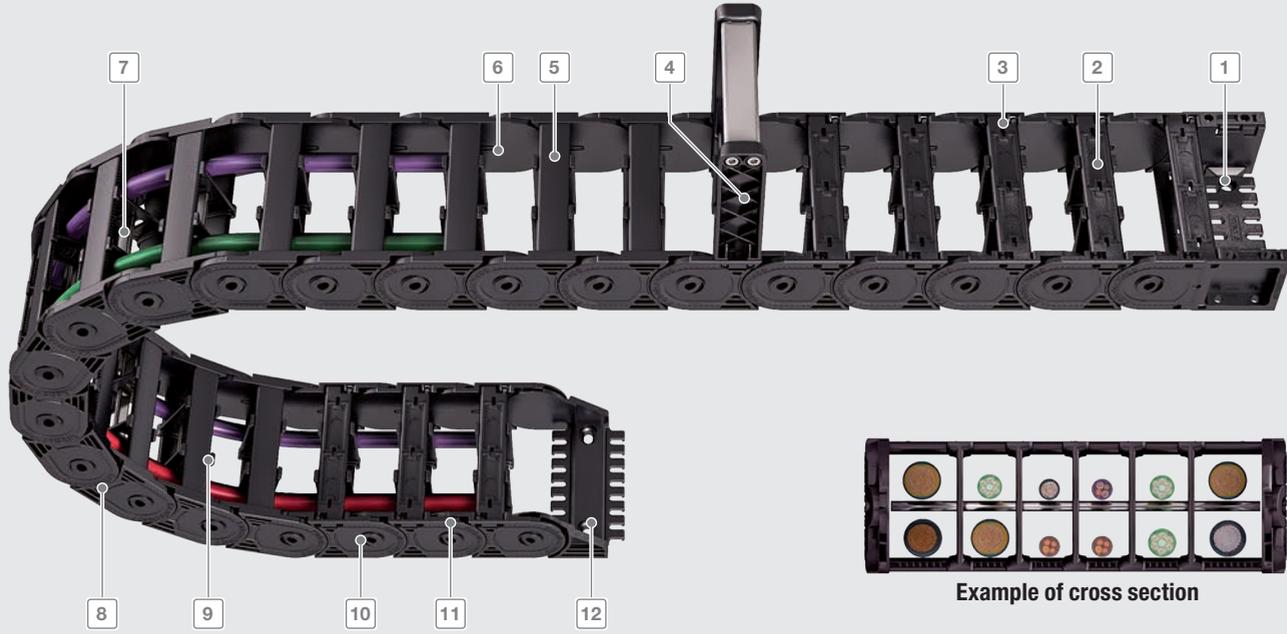
### Ex-protection

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### ESD

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Example of cross section

- 1 Universal Mounting Bracket (UMB) with integratable strain relief comb
- 2 Designs with inward or outward opening links
- 3 Extremely fast and easy to open due to ball joint mechanism
- 4 Extender bars available
- 5 Single-part links (design 020)
- 6 Favorable ratio of inner to outer width
- 7 Many separation options for the cables
- 8 Robust, double stroke system for long self-supporting lengths
- 9 Easy divider fixing
- 10 Extremely low noise due to internal noise damping
- 11 Lateral wear surfaces
- 12 Single-part end connectors with integratable strain relief comb

### INTRODUCTION TO THE NEXT GENERATION – IT COULDN'T BE SIMPLER

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]								t [mm]	KR [mm]								Design										
		20	30	40	50	65	80	90	100		28	38	45	60	75	100	125	150	020	030	035	040	045	050	055	060			
<b>UA1250</b> <small>The next Generation</small>	17.5	20	30	40	50					25	28	38	45	60	75	100													
UNIFLEX 0250	17.5	20	30	40	50	65	80			25	28	38	45	60	75	100													
<b>UA1320</b> <small>The next Generation</small>	20	15	20	25	38	50	65			32	28	38	48	75	100	125 <sup>5</sup>													
UNIFLEX 0345	20	15	20	25	38	50	65	90			34.5	38	50	75	100	125	150												
<b>UA1455</b> <small>The next Generation</small>	26	25	38	58	78	103	130 <sup>6</sup>			45.5	52	65	95	125	150	180	200	225 <sup>5</sup>											
UNIFLEX 0455	26	25	38	58	78	103	130			45.5	52	65	95	125	150	180	200	225											
<b>UA1555</b> <small>The next Generation</small>	38	50	75	90 <sup>6</sup>	100	125	150			55.5	63	80	100	125	160	200	230 <sup>6</sup>												
UNIFLEX 0555	38	50	75	90	100	125	150			55.5	63	80	100	125	160	200	230												
<b>UA1665</b> <small>The next Generation</small>	44	50	75	100	125	150	175	200	225	250	250	66.5	75	100	120	140	200	250	300										
UNIFLEX 0665	44	50	75	100	125	150	175	200	225	250	250	66.5	75	100	120	140	200	250	300										

■ New widths from 2015

<sup>1</sup> Except B<sub>i</sub> 90

<sup>2</sup> Only as version 030

<sup>3</sup> Up to B<sub>i</sub> 175

<sup>4</sup> B<sub>i</sub> 50 on request

<sup>5</sup> On request

<sup>6</sup> As UNIFLEX 0455 still available in B<sub>i</sub> 130

<sup>7</sup> The pull-out forces of the UNIFLEX Advanced design 030/040 correspond to the UNIFLEX designs 035/045

#### Designs

- 020 = Closed frame
- 030 = Outward hinged-opening and detachable brackets
- 035 = Outward hinged-opening and lockable brackets
- 040 = Inward hinged-opening and detachable brackets

- 045 = Inward hinged-opening and lockable brackets
- 050 = Covered on one side with internally detachable bracket
- 055 = Covered on one side with internally lockable bracket
- 060 = Covered on both sides with internally detachable cover



# THE NEXT GENERATION TKA series



**Inside heights**  
20.5 – 45 mm



**Inside widths**  
15 – 250 mm



**Pitch**  
30.5 – 55.5 mm



**Additional load**  
up to 10 kg/m



**Extended self-supporting lengths**  
up to 6 m



**Travel length gliding**  
up to 150 m



**Travel speed**  
up to 9 m/s



**Travel acceleration**  
up to 45 m/s<sup>2</sup>



## FEATURES

- Excellent cable protection in the connector area
- Chipping and dirt-resistant
- Extensive self-supporting length
- High torsional rigidity
- Good ratio of inner to outer width
- Low noise emissions
- Optional: on request, special material
- with protection against hot chips up to 850 °C
- Numerous custom material types for custom applications available
- Easy assembly
- Fast cable installation
- TKA55: IP54 tested and certified
- Easy-to-open cover with simultaneously high retention force on the chain link during operation
- Measurement scale for easy alignment of the dividers
- Strain relief can be completely integrated into the mounting bracket (from TKA38)

Type	h <sub>j</sub> [mm]	B <sub>j</sub> [mm]	t [mm]
TKA30	20.5	15 – 65	30.5
TKA38	26	25 – 130	38.5
TKA45	36	50 – 150	45.5
TKA55	45	50 – 250	55.5



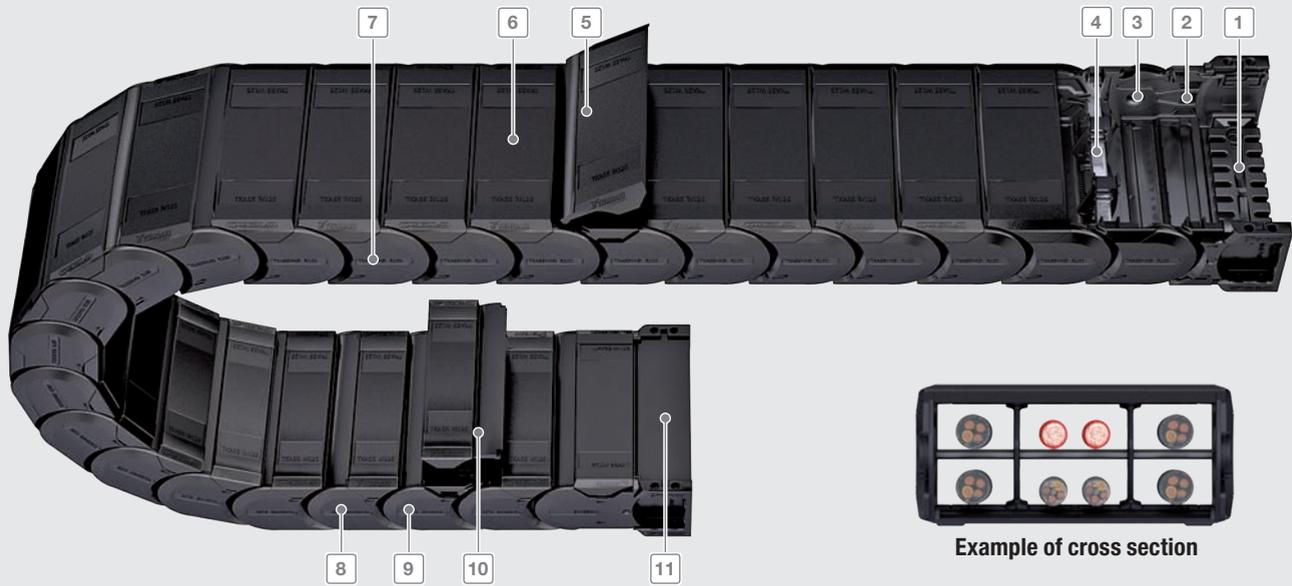
### Ex-protection

For Ex-protection applications, we offer customized solutions made from solid plastic, hybrid or steel cable carriers, which meet the requirements of the standard (with < 10<sup>5</sup> Ω).



### ESD

Our proven ESD cable carriers based on nano-technology with carbon tubes easily meet the requirements of the ESD standard (with < 10<sup>9</sup> Ω) in terms of conductivity and resistance.



- 1 End connectors with optional strain relief
- 2 Interior gentle on the cables with no projecting edges
- 3 Integrated noise damper
- 4 Dividers and height separation for separating the cables
- 5 Quick and easy opening from any vantage point
- 6 Secure cover attachment even under severe stresses (e.g. due to hydraulic lines)
- 7 Chain links made of glass fiber-reinforced plastic
- 8 Pin/bore connection and stroke system covered completely
- 9 Designs with inward or outward opening lids
- 10 Cover completely detachable on one side
- 11 Cover sheet for universal mounting brackets

### INTRODUCTION TO THE NEXT GENERATION – IT COULDN'T BE SIMPLER

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]								t [mm]	KR [mm]								Design										
		15	20	25	38	50	65	90			38	50	75	100	125	150			030	035	040	045	050	055	060	080			
<b>TKA30</b> <small>The next Generation</small>	20.5	15	20	25	38	50	65			30.5	55	75	95	125	145	180											■	■	
UNIFLEX 0345	20	15	20	25	38	50	65	90		34.5	38	50	75	100	125	150			■	■	■	■	■	■	■	■	■	■	
<b>TKA38</b> <small>The next Generation</small>	26	25	38	58	78	103	130			38.5	70	95	120	145	170	195	230											■	■
UNIFLEX 0455	26	25	38	58	78	103	130			45.5	52	65	95	125	150	180	200	225	■	■	■	■	■	■	■	■	■	■	
<b>TKA45</b> <small>The next Generation</small>	36	50	75	100	125	150				45.5	82	95	125	145	200	230											■	■	
UNIFLEX 0555	38	50	75	100	125	150				55.5	63	80	100	125	160	200	230		■	■	■	■	■	■	■	■	■	■	
<b>TKA55</b> <small>The next Generation</small>	45	50	75	100	125	150	175	200	225	250	55.5	100	120	140	170	195	225	250	300									■	■
UNIFLEX 0665	44	50	75	100	125	150	175	200	225	250	66.5	75	100	120	140		200	250	300	■	■	■	■	■	■	■	■	■	■

<sup>1</sup> Except width 90

<sup>2</sup> Up to Bi 175

#### Designs

- 030 = Outward hinged-opening and detachable brackets
- 035 = Outward hinged-opening and lockable brackets
- 040 = Inward hinged-opening and detachable brackets
- 045 = Inward hinged-opening and lockable brackets
- 050 = Covered on one side with internally detachable bracket

- 055 = Covered on one side with internally lockable bracket
- 060 = Covered on both sides with internally detachable cover
- 080 = Covered on both sides with externally detachable cover



# CHOOSE ...

... the best possible cable carrier for your requirements. Use the table below to easily decide which cable carrier from the new generation is right for you.

## INTRODUCTION TO THE NEXT GENERATION – IT COULDN'T BE SIMPLER

Type	h <sub>i</sub> [mm]	B <sub>i</sub> [mm]														t [mm]	
<b>UNIFLEX 0250</b>	17.5		20	30	40	50	65	80								25	
UA1250 <small>The next Generation</small>	17.5		20	30	40	50										25	
ET0320 <small>The next Generation</small>	18	15	20	25	38	50	65									32	
<b>UNIFLEX 0345</b>	20	15	20	25	38	50	65		90							34.5	
TKA30 <small>The next Generation</small>	20.5	15	20	25	38	50	65									30.5	
UA1320 <small>The next Generation</small>	20	15	20	25	38	50	65									32	
QT0320 <small>The next Generation</small>	20	15	20	25	38	50	65									32	
<b>UNIFLEX 0455</b>	26			25	38		58	78		103	130					45.5	
TKA38 <small>The next Generation</small>	26			25	38		58	78		103	130					38.5	
UA1455 <small>The next Generation</small>	26			25	38		58	78		103	130 <sup>4</sup>					45.5	
<b>UNIFLEX 0555</b>	38					50		75		100	125	150				55.5	
TKA45 <small>The next Generation</small>	36					50		75		100	125	150				45.5	
UA1555 <small>The next Generation</small>	38					50		75	90 <sup>5</sup>	100	125	150				55.5	
<b>UNIFLEX 0665</b>	44					50		75		100	125	150	175	200	225	250	66.5
TKA55 <small>The next Generation</small>	45					50		75		100	125	150	175	200	225	250	55.5
UA1665 <small>The next Generation</small>	44					50		75		100	125	150	175	200	225	250	66.5

■ New widths from 2015

<sup>1</sup> The pull-out forces of the UNIFLEX Advanced design 030/040 correspond to the UNIFLEX designs 035/045

<sup>2</sup> On request

<sup>3</sup> Except B<sub>i</sub> 90

<sup>4</sup> As UNIFLEX 0455 still available in B<sub>i</sub> 130

<sup>5</sup> Only as version 030

<sup>6</sup> B<sub>i</sub> 50 on request

<sup>7</sup> Up to B<sub>i</sub> 175

KR [mm]													Design								
													020	030	035	040	045	050	055	060	080
28	38	45	60	75	100									■	■						
28	38	45	60	75	100								■	■	1	■	1				
28	38	48		75	100	125 <sup>2</sup>								■		■					
	38	50		75	100	125	150							■	■	■	■	3	3	3	
			55	75	95	125	145	180												■	■
28	38	48		75	100	125 <sup>2</sup>							■								
28	38	48		75	100	125 <sup>2</sup>								■	1	■	1				
			52	65	95	125	150	180	200	225				■	■	■	■	■	■	■	
				70	95	120	145	170	195	230										■	■
			52	65	95	125	150	180	200	225 <sup>2</sup>			■	■	1	■	1				
			63	80	100	125	160		200	230				■	■	■	■	■	■	■	
				82	95	125	145		200	230										■	■
			63	80	100	125	160		200	230 <sup>6</sup>			■	■	1	■	1				
				75	100	120	140		200		250	300		■	■	■	■	■	■	7	
					100	120	140	170	195	225	250	300								■	■
				75	100	120	140		200		250	300	■	■	1	■	1				

**Designs**

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- 060 = Covered on both sides with internally detachable cover
- 080 = Covered on both sides with externally detachable cover

# TRAXLINE®

## CABLES FOR CABLE CARRIERS

TSUBAKI KABELSCHLEPP cables were developed specifically for use in cable carriers. The reliable, durable yet inexpensive cables can even be used outdoors under adverse environmental conditions, e.g. in port crane systems which impose stringent demands on motor and control cables due to long travel lengths and high travel speeds.



### PVC CONTROL CABLES

Cost-effective control cables for standard applications

Temperature:	- 5 to + 80 °C
Minimum bending radius:	$KR_{min} \geq 7.5 \times \varnothing$
$v_{max}$ unsupported	3.5 – 10 m/s
$a_{max}$ :	10 – 20 m/s <sup>2</sup>
Cross section:	0.5 <sup>2</sup> to 2.5 <sup>2</sup>
Number of cores:	2 – 36



### PUR CONTROL CABLES

High-quality control cables for the most sophisticated applications

Temperature:	- 35 to + 90 °C
Minimum bending radius:	$KR_{min} \geq 7.5 \times \varnothing$
$v_{max}$ unsupported	20 m/s
$a_{max}$ :	50 m/s <sup>2</sup>
Cross section:	0.5 <sup>2</sup> to 2.5 <sup>2</sup>
Number of cores:	2 – 36



### PVC MOTOR CABLES

Robust motor cables for sophisticated applications

Temperature:	- 5 to + 80 °C
Minimum bending radius:	$KR_{min} \geq 7.5 \times \varnothing$
$v_{max}$ unsupported	5 m/s
$a_{max}$ :	20 m/s <sup>2</sup>
Cross section:	1.5 <sup>2</sup> to 70 <sup>2</sup>
Number of cores:	2 – 25



### PUR MOTOR CABLES

High-quality, robust motor cables for the most sophisticated applications

Temperature:	- 35 to + 90 °C
Minimum bending radius:	$KR_{min} \geq 7.5 \times \varnothing$
$v_{max}$ unsupported	20 m/s
$a_{max}$ :	50 m/s <sup>2</sup>
Cross section:	0.25 <sup>2</sup> to 700 <sup>2</sup>
Number of cores:	1 – 49



### PUR DATA CABLES

Super-flexible, continuous bending and robust cables with an inner jacket

Temperature:	- 35 to + 90 °C
Minimum bending radius:	$KR_{min} \geq 7.5 \times \varnothing$
$v_{max}$ unsupported	20 m/s
$a_{max}$ :	50 m/s <sup>2</sup>
Cross section:	0.25 <sup>2</sup> to 1.5
Number of cores:	2 – 32



### PUR BUS/COAXIAL/LWL CABLES

Super-flexible, continuous bending and robust cables

Temperature:	- 30 to + 70 °C
Minimum bending radius:	type-dependent
$v_{max}$ unsupported	3.5 – 4 m/s
$a_{max}$ :	10 m/s <sup>2</sup>
Cross section:	0.25 <sup>2</sup> to 1.5
Number of cores:	1 – 12



### PUR SYSTEM CABLES

High-quality combination cables for sophisticated system applications

Temperature:	- 35 to + 90 °C
Minimum bending radius:	$KR_{min} \geq 7.5 \times \varnothing$
$v_{max}$ unsupported	6 m/s
$a_{max}$ :	8 m/s <sup>2</sup>
Cross section:	0.14 <sup>2</sup> to 50 <sup>2</sup>
Number of cores:	4 – 16

### TRAXLINE® INFO CENTER

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



# TOTALTRAX COMPLETE SYSTEMS

## REDUCE COSTS WITH TOTALTRAX COMPLETE SYSTEMS

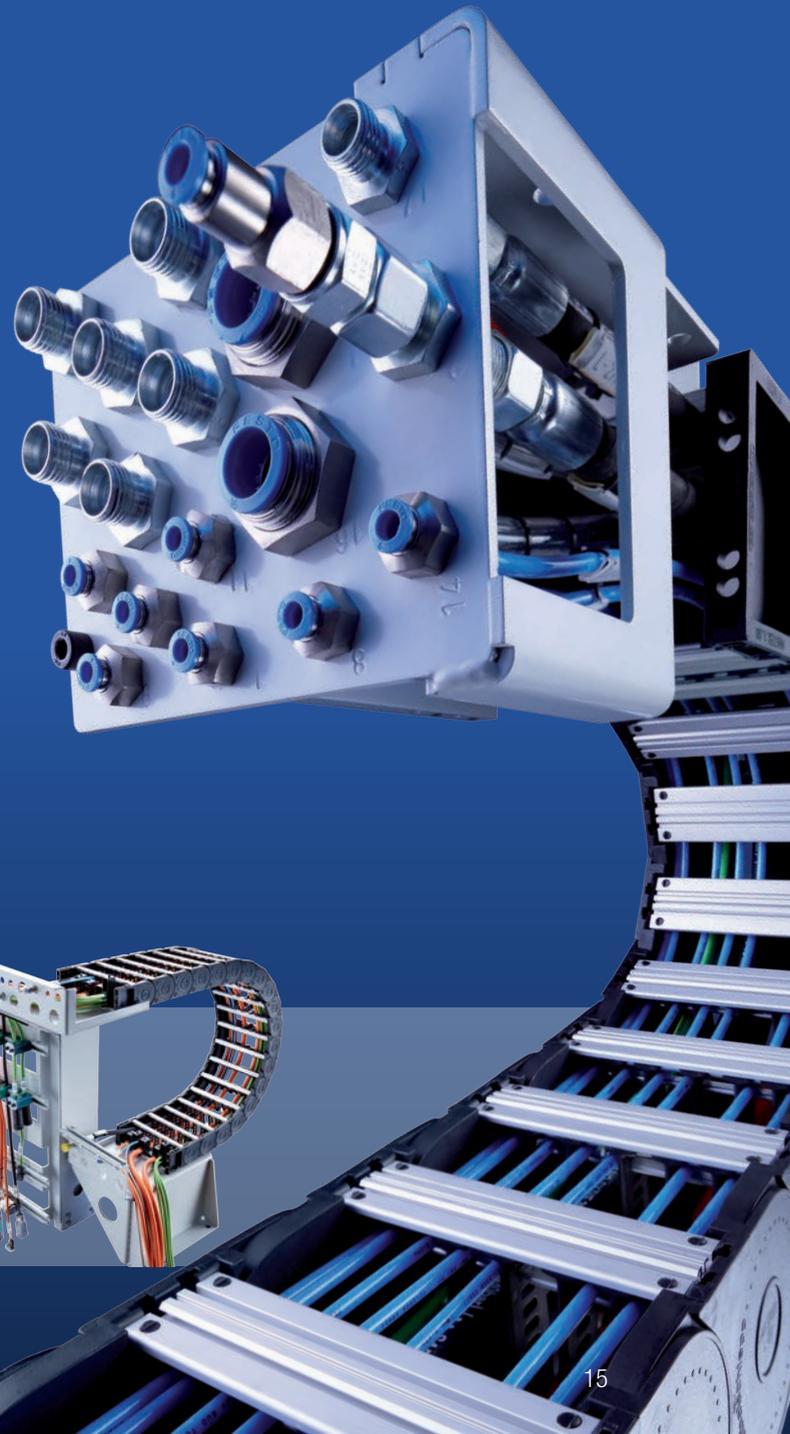
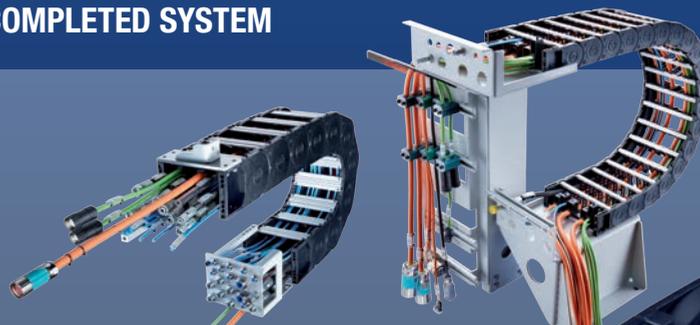
Take advantage of our expertise. Our experienced system specialists work closely together with you and support you from the design and project planning phases all the way up to the installation process. You have just one contact partner for the complete system. All of the components are optimally aligned to one another – cable carriers, electric cables, hydraulic and pneumatic hoses and plug connections. TOTALTRAX means: Complete delivery from a single source – with a guarantee certificate on request. TOTALTRAX will reduce your storage costs for cable carriers, cables and plug connectors. We deliver the complete cable carrier system just-in-time, either directly to your production facilities or to the installation site.

### EVERYTHING FROM A SINGLE SOURCE:

- Consultancy
- Planning
- Project planning
- Cable carriers
- Motor and control cables
- Full guarantee
- Hydraulic hoses
- Pneumatic hoses
- Plug connectors
- Assembly plates
- Complete assembly of all components

### TOTALTRAX – FROM THE PROJECT PLANNING TO THE COMPLETED SYSTEM

- One contact partner
  - + One order
  - + One delivery
  - + Guaranteed quality
- 
- = TOTALTRAX complete system



# KABELSCHLEPP®

## CABLE CARRIER SYSTEMS

Cable carriers made of steel and plastic  
 QUANTUM cable and hose carrier system  
 PROTUM cable and hose carrier system  
 ROBOTRAX cable and hose carrier system

## TRAXLINE® CABLES FOR MOTION

Continuous bending Hi-flex cables for cable carriers  
 TOTALTRAX complete turn-key carrier system  
 Pre-assembled cables

## GUIDEWAY PROTECTION SYSTEMS

Telescopic covers  
 Link apron covers  
 Way wipers  
 Conical spring covers  
 Bellows  
 Protective devices

## CONVEYOR SYSTEMS

Hinged belt conveyors  
 Scraper conveyors  
 Belt conveyors



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 Holyoke, MA 01040  
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Conveyor & Construction  
 Chain Division  
 1010 Edgewater Drive  
 Sandusky, OH 44870  
 Tel: (800) 537-6140  
 Fax: (419) 626-5194



Sprocket Manufacturing  
 Mississauga, Ontario  
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