



**NEWS**

# INNOVATION in Cable Drag Chains



## INTERNATIONAL EXPERTISE



### **CABLE DRAG CHAINS BY MURRPLASTIK SYSTEMTECHNIK**

The Murrplastik Systemtechnik, Oppenweiler has been setting industry standards in cable drag chains for years especially with regards to ease of assembly and maintenance.

The comprehensive portfolio of Murrplastik cable drag chains offers a range of inner widths from 6 to 546 mm.

Murrplastik cable drag chains are used all over the world and meet the highest demands on durability and robustness.

## QUALITY MADE IN GERMANY – AND GLOBAL

manufacturer of cable drag chains for over 30 years

- Numerous patents for innovative products
- Great product diversity off-the-shelf
- Product development with the customer in mind
- Test- and development centre on ca. 500 m<sup>2</sup>

## AT YOUR SIDE, WORLDWIDE ...

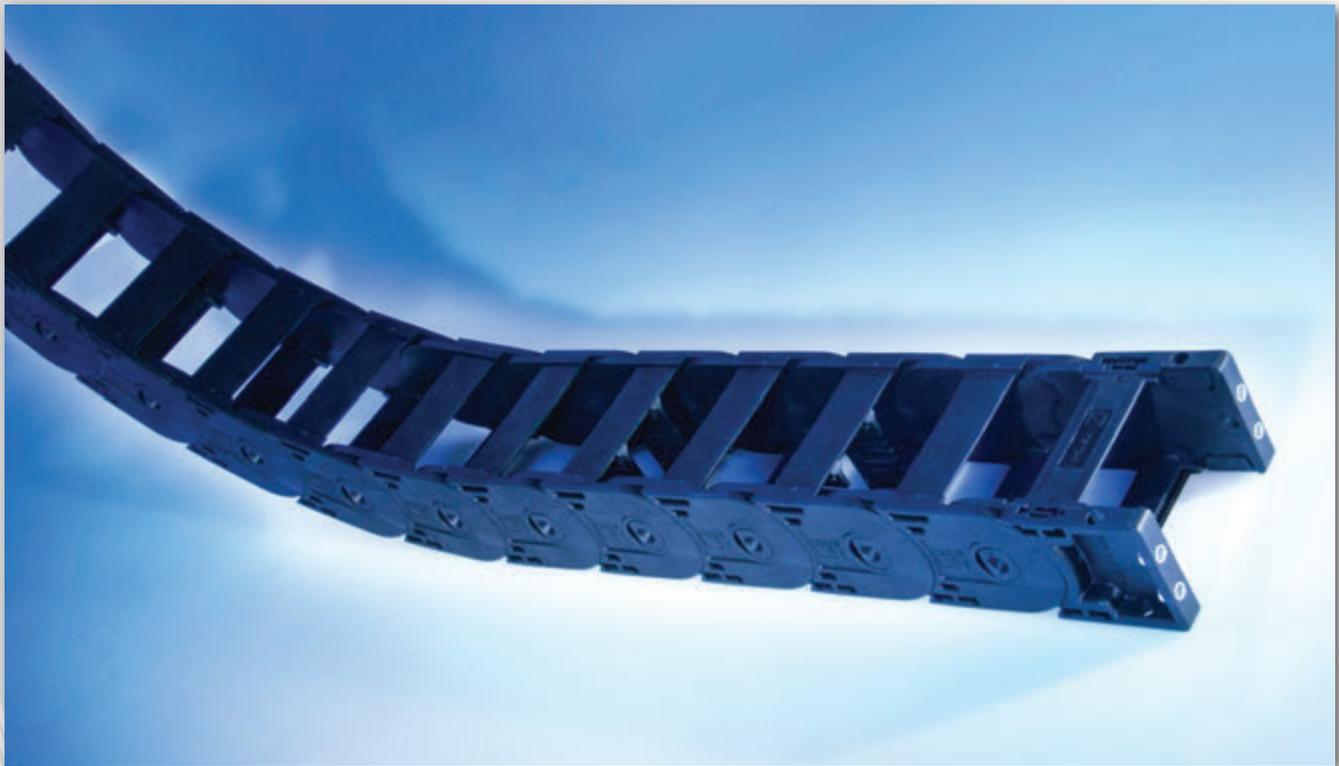
- Sales
- Warehousing
- Production
- Service

## GLOBAL SALES NETWORK

- Italy
- Switzerland
- Denmark
- Germany
- France
- Austria
- USA
- China
- Spain



## MP 45



### MP 45

#### LOW-COST TWO-PART CHAIN, UNIVERSAL USE, SHIELDED STOP SYSTEM

**Model:** U-part chain

**Internal height:** 45 mm

**MP 45.1** Frame bridge, can be opened in the outside bend

**MP 45.2** Frame bridge, can be opened in the inside bend

**Internal layout:**

RTT – Shelf support, divisible

TRT – Separator, divisible

TR-V – Separator, movable

RB – Shelves

**Chain brackets:**

Chain bracket, swivels to one or both sides.

**Strain relief (can be integrated in chain bracket)**

Frame bridge strain relief (RS-ZL) or C-rail for mounting bow clamps.

**Dampers** for the end stops

**Availability:**

Width 50 a. 75 mm until Dec. 2015

Width 100 a. 125 mm until April 2016

Width 150 and 175 mm until July 2016

Each with the radii

R75 / 100 / 125 / 150 / 200 / 250 / 300 mm



1

Frame bridges, swivel to both sides, for easy filling of the chain.



4

Low cable wear interior.



2

„Wings“ cover the side links. Increases stability.



5

Interior layout provides clear allocation (ABC) and fixing with a latching system.



3

Dampers for the end stops.



6

Runner to increase the service life in case of gliding installation

## MP 52.4 / MP 62.4



### MP 52.4 / MP 62.4

**COST REDUCTION WITH MATERIAL SAVINGS, NOISE REDUCTION THROUGH DAMPING SYSTEMS, QUICK AND SIMPLE INSTALLATION USING A PROVEN MODULAR SYSTEM**

**Model:** Side-link chain (can be opened on both sides)  
**Internal height:** 52.4; 52.5: 52 mm  
**Internal height:** 62.4; 62.5: 62 mm

**Internal layout:**  
RTT shelf support, divisible  
TR separator  
TR-V separator, movable  
RB shelves

**Chain brackets:**  
Flexible chain bracket, swivels on one or on both sides.

**Dampers** for the end stops

**Sliding blocks**

**Reduced wall thickness on the side link walls from 16 mm to 13 mm**

**Availability of MP 52.4:**  
RV125, RV150, RV200 (Nov. 2015)  
RV135, RV175, RV250, RV300 (May 2016)

**Availability of MP 62.4:**  
RV135, RV150, RV200 (Nov. 2015)  
RV175, RV250, RV300 (May 2016)



1

Letters and lock tabs in the frame bridges



5

Frame rail strain relief can be installed on the inside or outside bend



2

Total width of the C-rail can be used for strain relief



6

Soil-resistance because of smooth outer contour



3

Bushes to prevent cold flow



7

Noise reduction through dampening elements in the end stops



4

Low cable wear interior

## MP 52.6



Higher stability through wider side links

### MP 52.6

DEVELOPED FOR SLIDING APPLICATIONS WITH HIGH ADDITIONAL LOADS.

**Model:** Side-link chain  
(can be opened on both sides)

**Internal height:** 52 mm

**MP 52.6:** Radii 250 mm and 300 mm

**Chain widths:** of 71 to 600 mm with aluminium frame bridges

**Internal layout:**

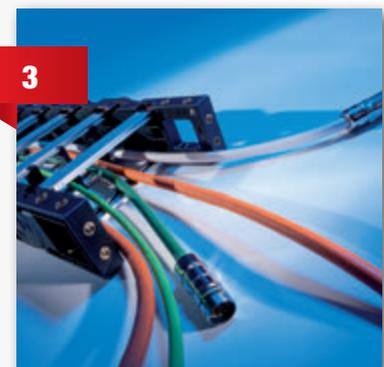
RTT shelf support, divisible  
TR separator  
RB shelves  
RSV frame bridge connector

**Chain brackets:** KA flexible, swivels to one side

**Sliding blocks**



Longer service life through exchangeable sliding blocks



Strain relief can be mounted on C-rail

## PRODUCT EXPANSIONS

### CUSTOMIZED

Coloured locking mechanisms  
(Frame bridges and side links)  
Company name on the chain  
or on the locking system



### NEW FRAMES

**New frame bridges for series:**

**PowerLine:**

MP 32.2  
MP 41.2  
MP 52.2

**HeavyLine:**

MP 62.2  
MP 82.2  
MP 102.2

**HeavyLine:**

INTERNAL WIDTH	TYPE
93 mm	RS 093-7
106 mm	RS106-7
131 mm	RS 131-7
156 mm	RS 156-7
181 mm	RS 181-7
206 mm	RS 206-7
231 mm	RS 231-7
256 mm	RS 256-7

**PowerLine:**

INTERNAL WIDTH	TYPE
57 mm	RS 057-5
93 mm	RS 093-5
104 mm	RS 104-5
164 mm	RS 164-5
208 mm	RS 208-5
233 mm	RS 233-5

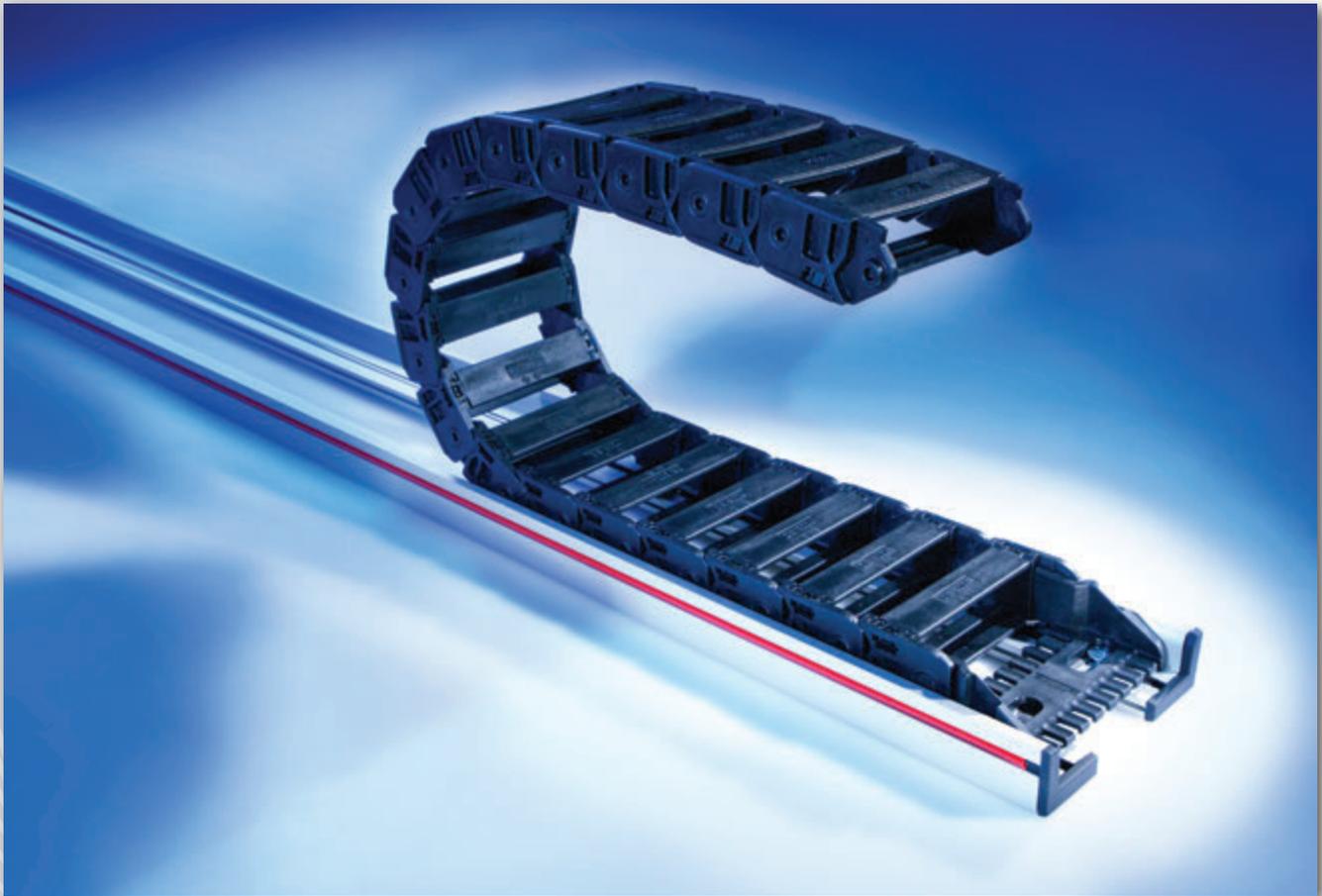
### CONNECT4MOTION

**Pre-assembled cable drag chain systems**

- the complete turnkey system, including all components, from one system supplier
- Shorter assembly times
- Excellent on-site consulting
- 100 % function check before delivery
- One contact person from planning on through to after-sales service



## noiseLESS



### noiseLESS

Automation engineering demands the controlled, yet flexible routing of power cables, to a control cabinet for example. These are usually routed motor cables, signal lines, but can also be pneumatic hoses.

The polygon effect of the chain links, which is created when the chain rolls off, can develop interference noises, especially at higher speeds.

The noiseLESS-System reduces this interference by up to 20 decibels, by using effective dampening elements. This creates a much quieter work environment, supporting better concentration.

**noiseLESS**

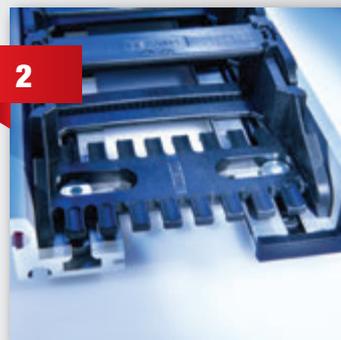
Up to 20 dB noise reduction, compared to conventional routing systems

**Primary applications:**

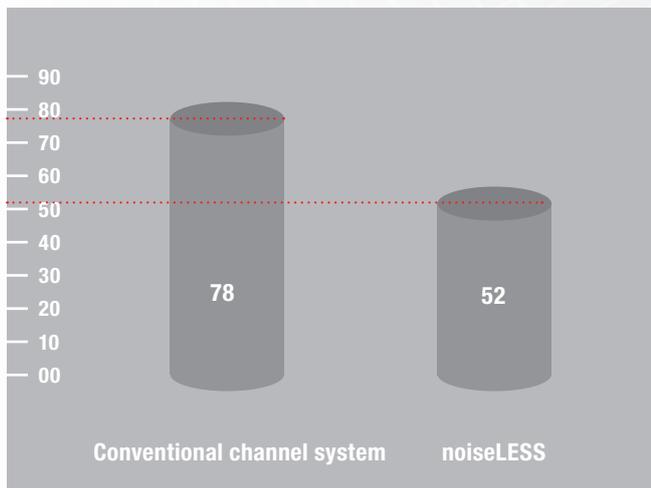
Self-supporting applications of cable drag chains  
For environments of quick acceleration and high travel speeds of the cable drag chains

**Design variations:**

- noiseLESS GEN 1: MP 3000
- noiseLESS GEN 2: MP 25  
MP 30  
MP 32.2  
MP 41.2  
MP 45 new



**Noise level (dB)**



murrplastik



[www.mp.de](http://www.mp.de)

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