



MTPReel™

Multi Teach Pendant Reel

sumcab
ROBOTICS



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MTPReel™

The cable retraction system
for teach panels

Tangled cables on the handheld
programming device? Not with us!
Our innovative MTPReel™ cable retraction
system ensures safety and order in the
production environment.
Our motto is "Safety First".

MTPReel™ The smart solution!

Sumcab Robotics' automatic cable retraction system, MTPReel, is a patented system developed with the purpose of improving working and safety conditions in the production environment.



Safety first



Time saving



Process security



Reduced wear



Avoidance
of operating errors



Patented System –
Made in Italy

At a glance

1

The situation

In the case of robots and industrial machines, the movement sequences must be regularly adapted using hand-held programming devices. For accurate programming, it is important to have the handheld programming device used where the movement is taking place. Therefore, a long cable is often necessary.

2

Your advantages

The MTPReel automatically eliminates possible tripping hazards in your production hall and thus improves work safety. At the same time, it reduces wear on the cable and therefore ensures a reliable production environment.

3

The problem

After using the hand-held programming device, the cable is no longer required. However, it is often not properly stowed away.

Therefore, there is a constant risk of tripping over it or damaging the cable by kinking and crushing.

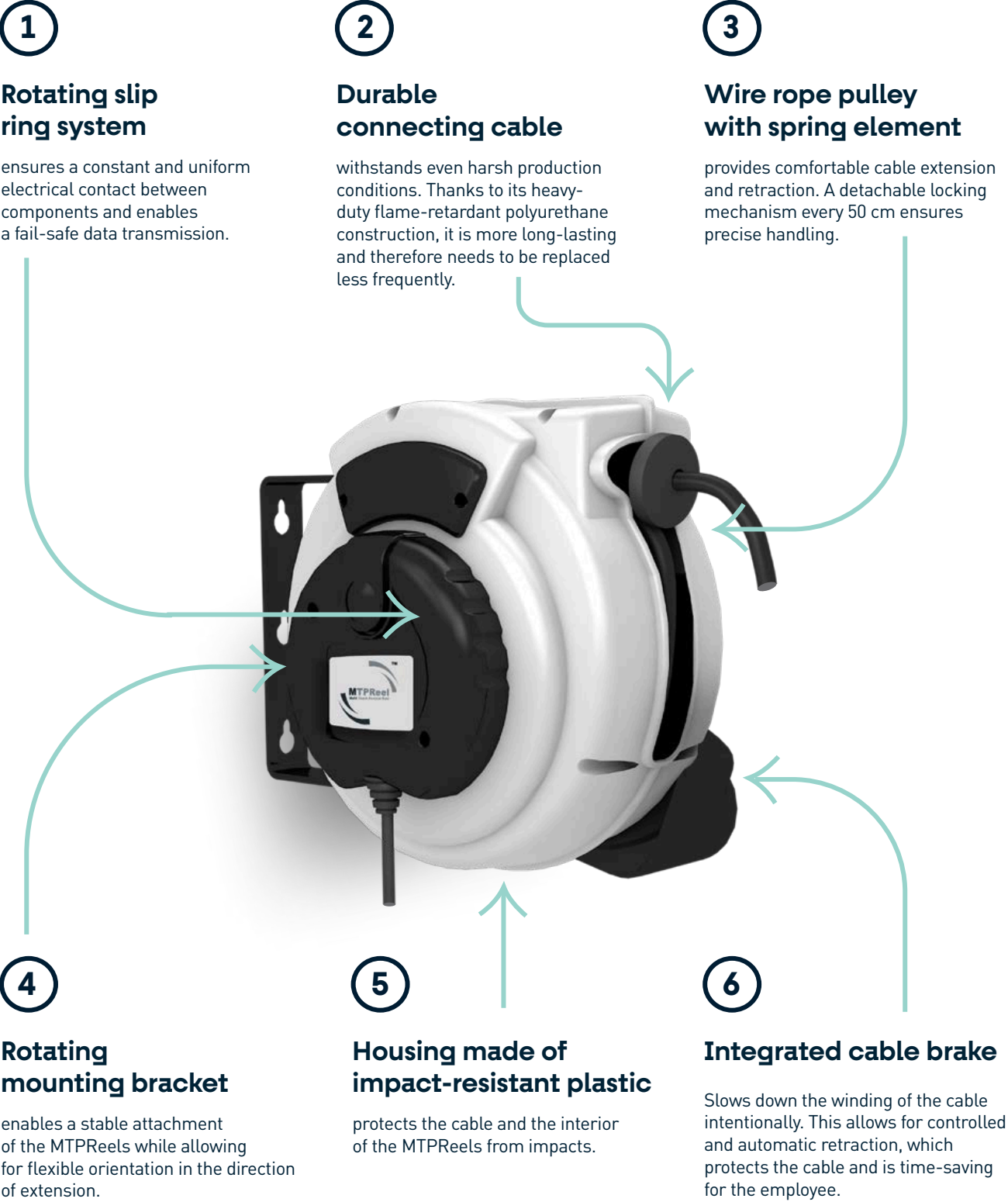
4

Our solution

The MTPReel cable retraction system allows the cable to be pulled out in length as required. After use, the cable is automatically retracted and safely stowed away. A brake module that reduces the retraction speed is integrated for optimum cable winding.



Structure and Basic Components



Your Advantages

TÜV-tested OEM accessories

More than
35.000
MTPReel
installations
worldwide



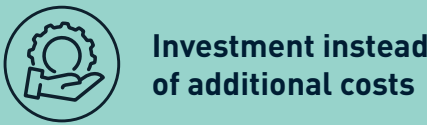
Safety First
Untidy cables always pose a safety risk. The automatic cable retraction system MTPReel makes excess cable disappear, thereby reducing tripping hazards in the production hall.



Optimized processes
With MTPReel, the cable is automatically retracted, freeing employees from unpleasant cleanup work and saving time for other tasks.



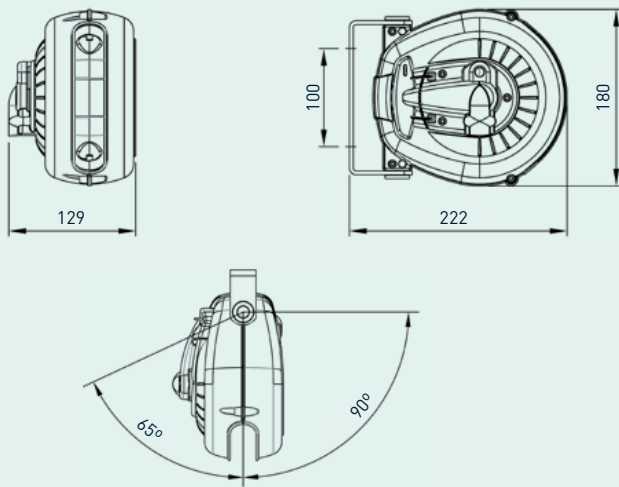
Reduced wear
The wound cable is protected against damage and cannot be accidentally damaged by tangling, kinking, or crushing. This increases the lifespan and reduces maintenance effort.



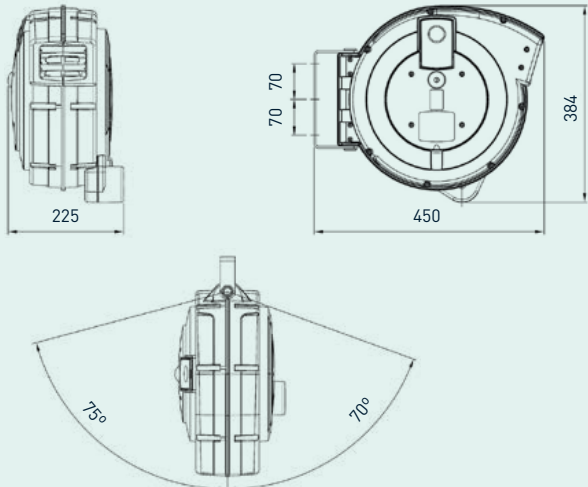
Investment instead of additional costs
The sum of all MTPReel advantages enables cost savings, which will refinance the investment in an MTPReel will be refinanced again.

Versions

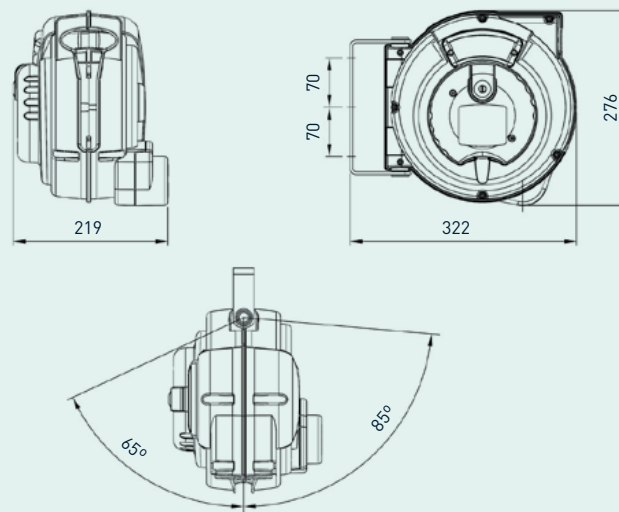
Mini < 10 m



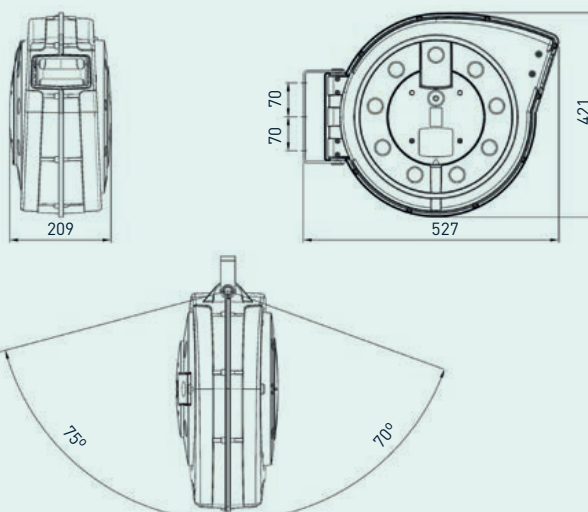
Large 20 - 25 m



Medium 10 - 15 m



Jumbo > 25 m

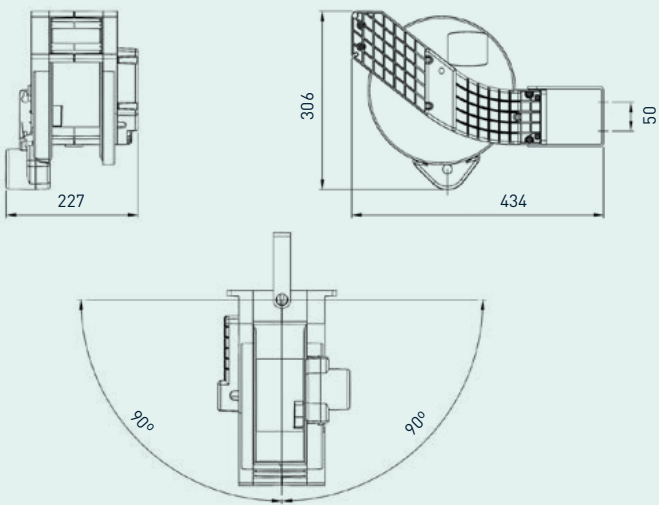


Versions



Open

Without extension line



The extension cable to the control cabinet has a standard length of **2,5 m**.

Further housing sizes and cable lengths available on request. We are happy to advise you!

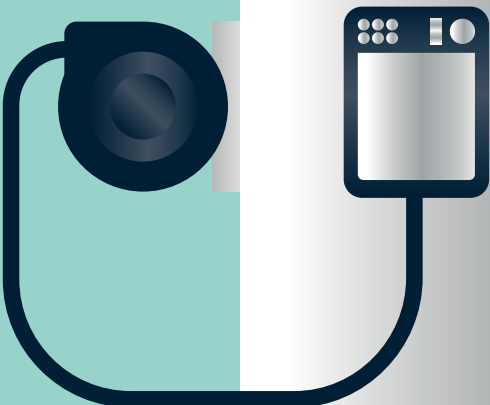


Scan this QR code
and watch the video

MTPReel™

available in
numerous variants

The **MTPReel** is available in different sizes, with range of cable lengths and for almost all robot control system on the market.



MTPReel™ - O
Installation Guide



1
Passing the original connecting cable through the guide rollers.



2
Plugging in the cable to the built-in male connector.



3
Free adjustment of the strain relief.



4
Closure of the cable tie around the cable outer jacket.



5
Cutting off the excess cable tie.



6
Inserting the plug cover.



7
Locking the cover by pressing it down.



8
Final cable installation.



9
Attaching the cable pull stopper to the connection cable, mounting it approximately 1-1.5 meters away from the handheld device.



10
Loosening the nut from the locking pin of the pre-tensioned drum reel.



11
Initial manual winding of the connecting cable.



12
Initial manual winding of the connecting cable.



13
Attaching the cover at the rear to the installed cover guide.



14
Inserting the middle guide tabs by initially attaching the cover at a slight angle from the side and then final snapping into place.

Accessories

Mounting Elements

For optimal installation of the MTPReels, we offer various mounting elements such as mounting racks (profile tube constructions), control cabinet stands (swiveling or fixed), and other mounting options upon request (e.g., special mounting plates on the safety fence).

We have
the suitable solution
for every MTPReel.

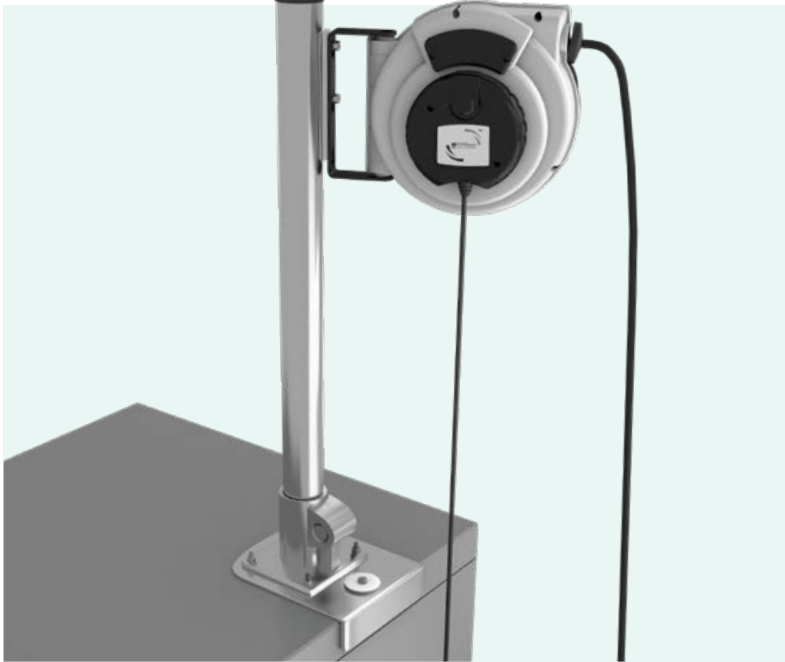
We will be pleased
to assist you!



Mounting plate
for the control cabinet



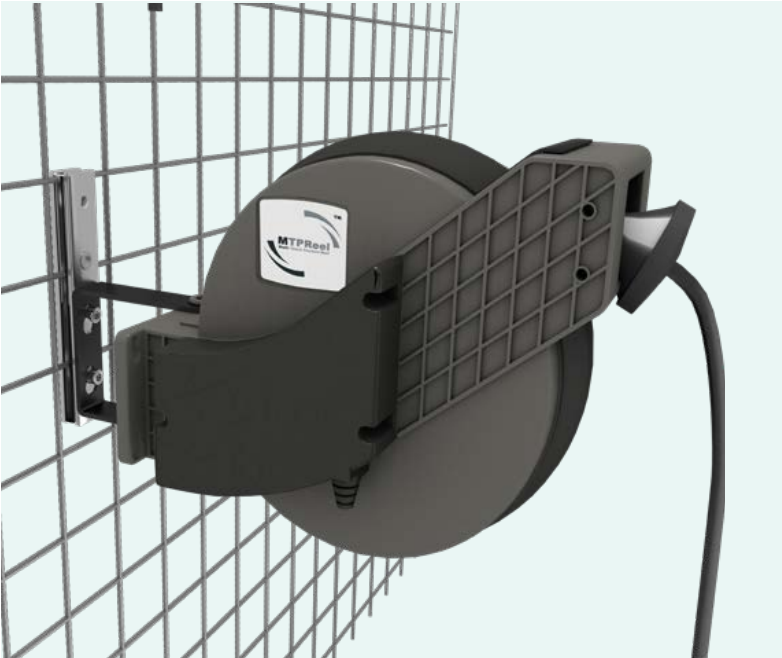
Hover over the image for
detailed viewing, please



Fixed profile tube stand
for mounting on the control
cabinet



Hover over the image for
detailed viewing, please



Mounting solutions for control
cabinets or industrial fences



Hover over the image for
detailed viewing, please



Rotatable (360°) or fixed profile
tube stand for attachment
to the control cabinet



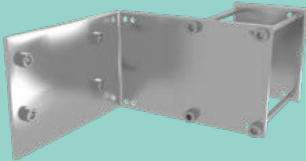
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detailed viewing, please

Accessories

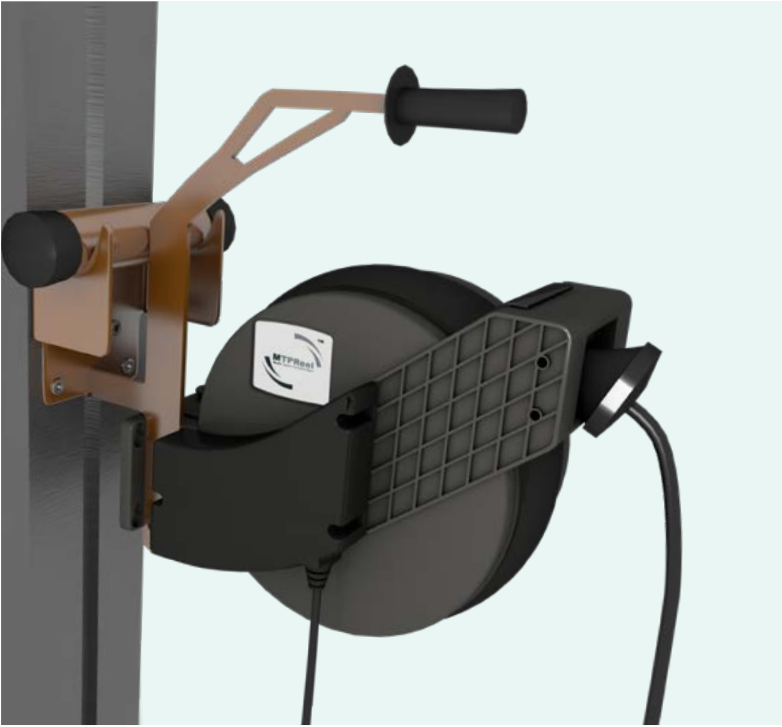
Mounting Elements



Mounting solution
for steel beams (80 - 100 mm)
with angle element



Hover over the image for
detailed viewing, please



MTPReel Transport bracket



Hover over the image for
detailed viewing, please

Connector and
Adapter cables

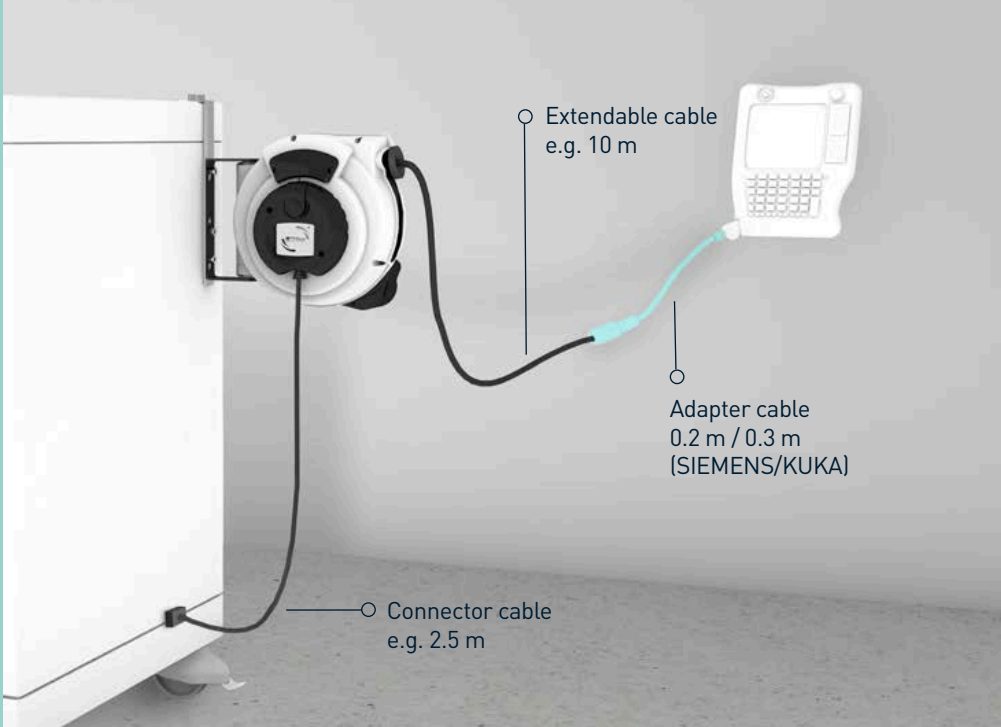
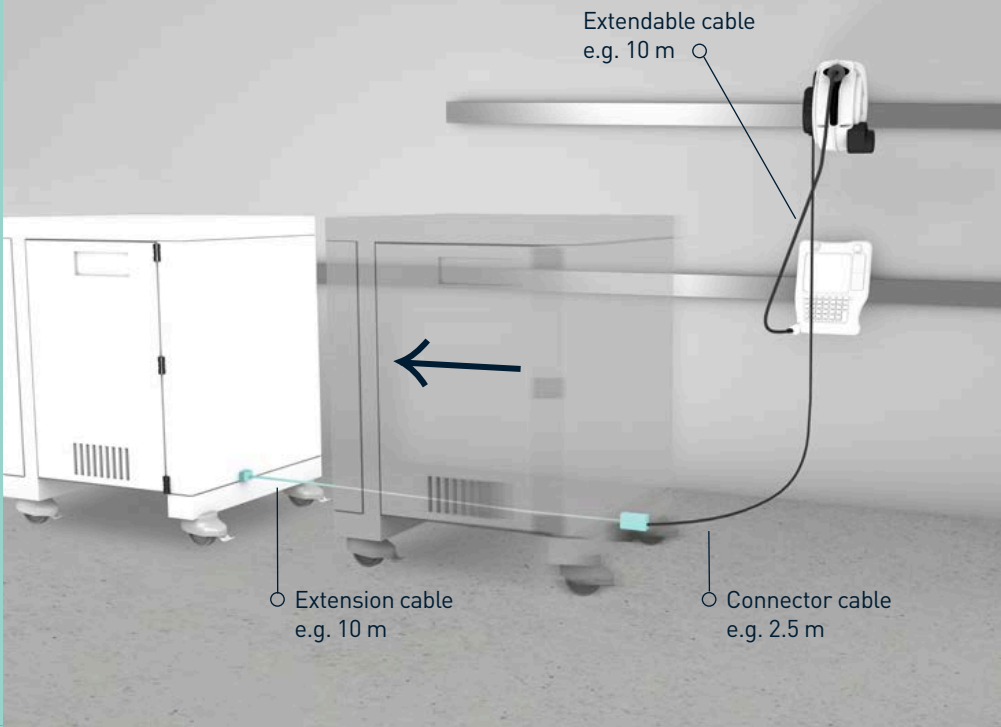


The extension cables can be used
to extend the MTPReel connection
cable to the control cabinet. This may
be necessary, for example, when the
control cabinet needs to be relocated



Do you want to use a handheld
programming device for multiple
connection options?

Using the adapter cable (length 0.3m
or 0.2m), you can connect the MTPReel
to different connectors, such as **KUKA**
or **SIEMENS**.





More organization and workplace safety for the handheld programming device

ABB relies on the MTPReel automatic cable retraction system for its industrial robots.

Safety first in the production hall - in many companies, in addition to efficiency, occupational safety is also very important. Robot manufacturer ABB, together with Sumcab Robotics, offers its customers an easy-to-retrofit solution that prevents tripping hazards and increases the lifespan of cables.



Picture gallery

1

Situation

To accurately adjust motion sequences on a robot, many robots come with a portable handheld programming device that allows the operator to make direct and precise adjustments to the programmed movements directly at the component. At ABB, the handheld programming device is also connected to the robot's control cabinet by using a long cable

2

Challenge

Once the robot is fully programmed, the handheld programming device and cable need to be tidied up. Rolling up the cable by the operator takes time. If the cable is left lying on the ground untidily, it creates dangerous tripping hazards. ABB was looking for a pragmatic solution to provide the end customer with more safety in this situation.

3

Solution

With the MTPReel, Sumcab offers a cable retraction system that takes care of the cable winding for the operator. This saves time and ensures that potential hazards caused by cables lying around do not arise. The various options for extension lengths and connectors, as well as the flexible mounting possibilities of the MTPReel, make the use of the cable retraction system possible for all common robots. With this solution, ABB can provide its end customers not only with high-quality robots but also with high occupational safety standards.

Cable retraction system for custom-made special cables

MTPReel™-O creates order at an Engel injection molding machine.

A cable retraction system is meant to create order. However, usually the supplied cable must be used. Now, you can also use your own cable. With the MTPReel-O, Sumcab has created an open solution that can handle almost any cable.



Scan this QR code to watch the video

1

Situation

In large industrial machines such as injection molding machines, most of the work steps are automated. Depending on the product to be manufactured, the operator makes adjustments using the handheld programming device, which is connected to the machine via a long cable.

2

Challenge

To improve occupational safety and to protect the cable, a cable retraction system can be introduced. However, some manufacturers of industrial machines have concerns about switching to a different cable for this purpose.

3

Solution

Sumcab offers an open cable retraction system with the MTPReel-O, which allows the customer to continue using their own cable. The system not only allows for easy installation with the customer's own cable, but also for quick replacement in case of a cable defect. Therefore, the injection molding machine manufacturer Engel offers the MTPReel-O as an option for cable storage for its handheld programming device.

Application example

Tripping hazards caused by cables lying on the floor are a thing of the past with the MTPReel.

Kuka



KUKA



YASKAWA



Please scan the QR code for more application examples

Yaskawa



Fanuc



MTPReel™

Recognized workplace safety

Recognized as a measure for accident prevention, as a preventive measure in the manufacturing industry.

[As per the Occupational Health and Safety Management System OHSAS 18001:2007, for instance, to prevent "trip hazards"!]



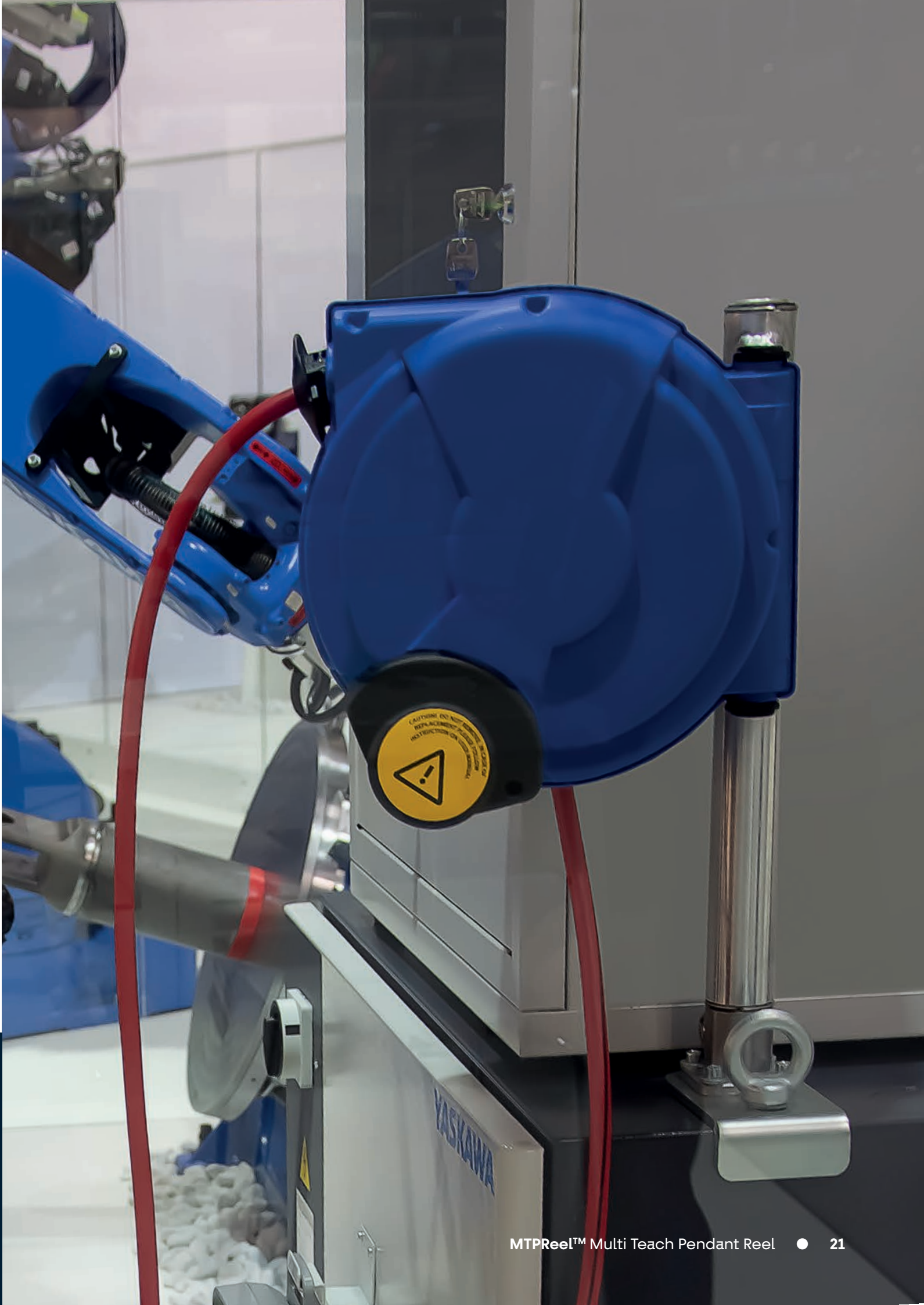
The solution for all common industrial robots

Thanks to its flexible configurability, the **MTPReel** fits a wide variety of requirements and customer situations. It is also available for all common manufacturers and types of robots.

ABB		Bystronic
COMAU	ENGEL	FANUC
	igm	
KEBA	KUKA	 <i>Changes for the Better</i>
Panasonic		SEPRO GROUP
SIEMENS	STÄUBLI	YASKAWA

Plug & Play -
Easy retrofitting
for existing systems

Even existing systems can be easily expanded with an **MTPReel** without much effort. Because the **MTPReel** is delivered fully pre-assembled and can be connected and put into operation without complicated installation



The automatic cable retraction system for improved workplace safety



Exclusive sale via
ABB



Time saving

Time is an essential success factor within the industrial sector and the MTPReel helps to save time due to its intuitive operation. The rapid but careful rewinding of the connector cable saves time, which your employees can dedicate to other things.



Operating error avoidance

Using the MTPReel will ensure that the operating device is assigned unambiguously to the operator. Lengthy searches for the correct plug-in piece and potential operating errors due to incorrect combinations are avoided.



Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



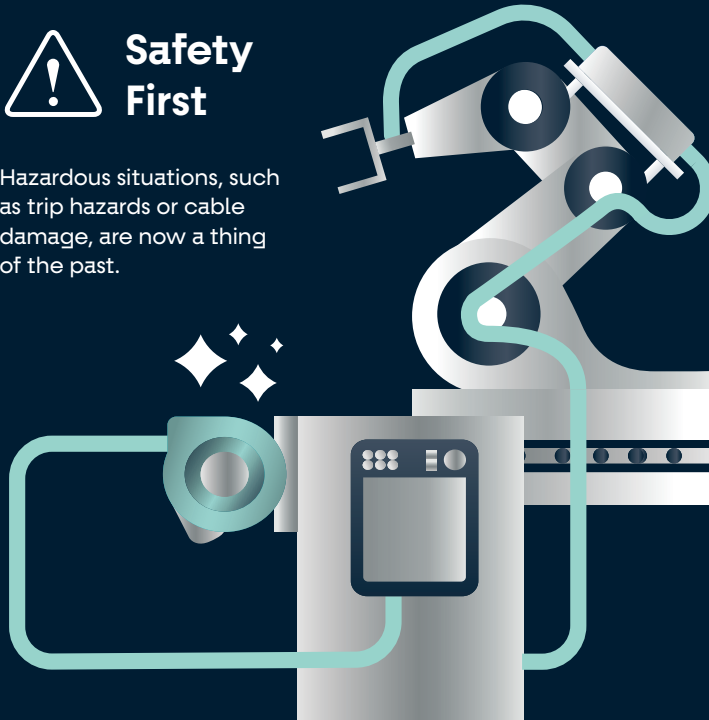
Patented and tested system – made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards.








Safety First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
Omnicores	Mini	4,5 m	2,5 m	225x180x130	4kg
	Medium	10 m		322x219x276	6kg
IRC5, GTPU 3	Medium	10 m / 15 m	2,5 m / 3,5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m		527x209x421	15kg
IRC5, GTPU 3 FOUNDRY*	Medium	10 m / 15 m	2,5 m / 3,5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m		527x209x421	15kg
IRC5, GTPU 1/2	Medium	10 m / 15 m	2,5 m / 3,5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m		527x209x421	15kg
IRC5, GTPU 1/2 FOUNDRY*	Medium	10 m / 15 m	2,5 m / 3,5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m		527x209x421	15kg
S4C/S4C+	Medium	10 m / 15 m	2,5 m / 3,5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m		527x209x421	15kg
S4C/S4C+ FOUNDRY*	Medium	10 m / 15 m	2,5 m / 3,5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m		527x209x421	15kg

*Heat-resistant cable protection up to 538 °C. Other enclosure sizes, cable lengths and control generations on request.



The MTPReel is available for Flexpendant of ABB handheld operator panels.



Flexpendant



Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission



Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m and 20 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels

B+M surface systems

The automatic cable retraction system
for improved workplace safety



Exclusive sale via
b+m surface systems GmbH



Time saving

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Operating error avoidance

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Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



**Patented and tested system –
made in Italy**

Our partner company in Italy manufactures the MTPReel to the highest quality standards.




**Safety
First**

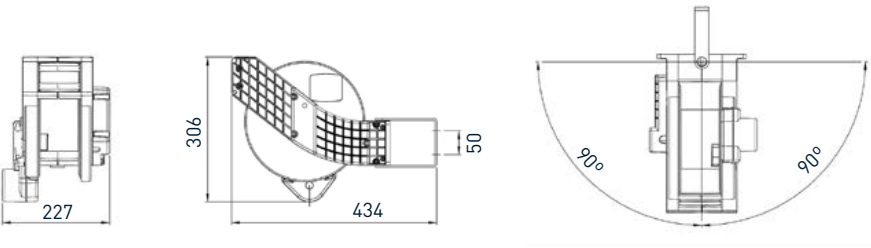
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
MTPReel™-O	X5 MP50	10 m / 15 m / 20 m	2,5 m / 5,0 m	434 x 227 x 306	4,5 kg

Open



The **MTPReel** is available for **bm X5 MobilePanel MP50** handheld operator panels.



MP50



Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission



Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m and 20 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels

Bystronic

The automatic cable retraction system
for improved workplace safety



Exclusive sale via
Bystronic
Bystronic



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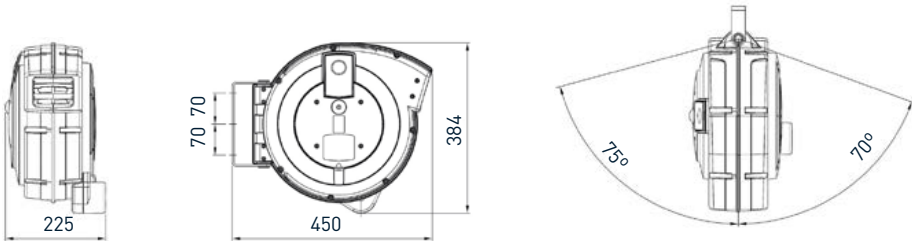
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
Visual 3	Large	25 m	6,5 m	450x225x384	9 kg

Large



The **MTPReel** is available
for the **Bystronic** handheld
operator.



visual 3

Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

COMAU

The automatic cable retraction system
for improved workplace safety



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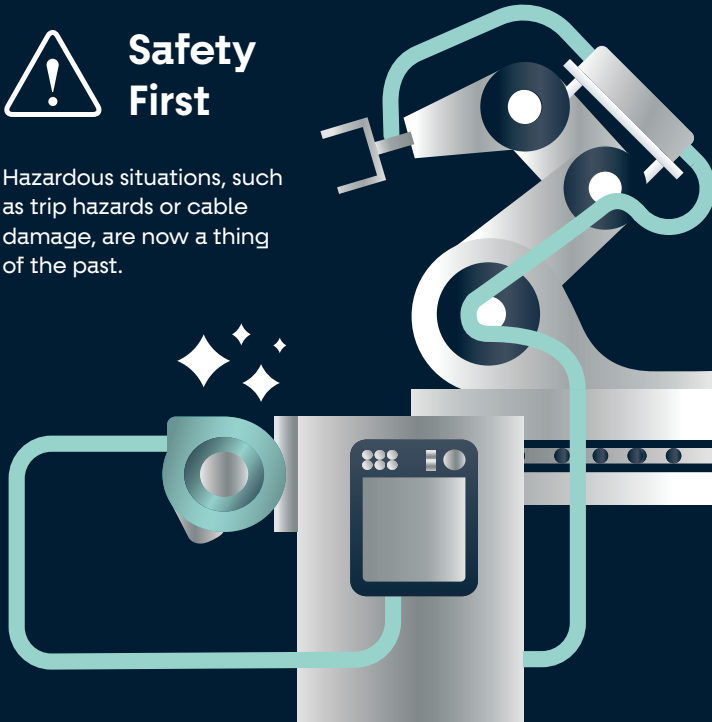
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**Safety
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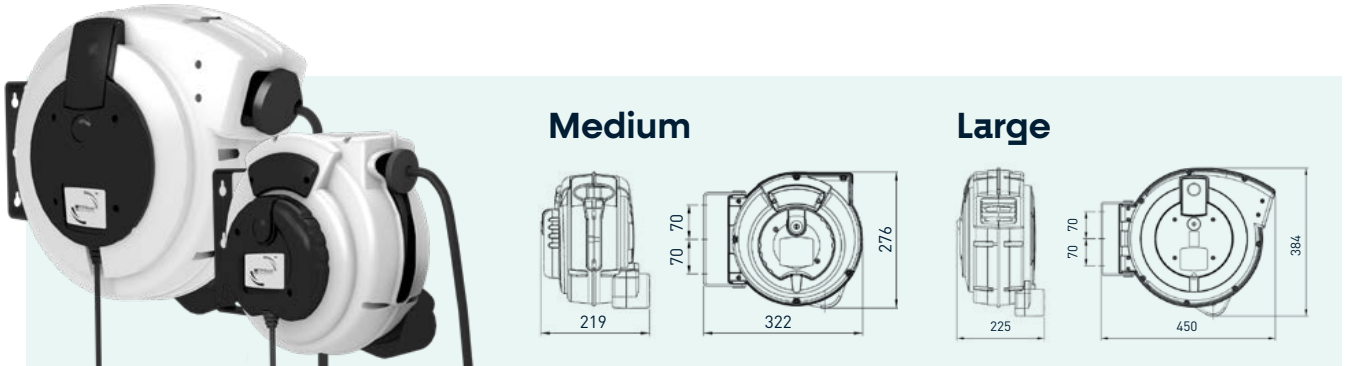
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
C3G Plus	Medium	10 m / 15 m	2,5 m	322x219x276	6kg
	Large	20 m		450x225x384	9kg
C4G	Medium	10 m / 15 m	2,5 m	322x219x276	6kg
	Large	20 m		450x225x384	9kg
C5G	Medium	10 m / 15 m	2,5 m	322x219x276	6kg
	Large	20 m		450x225x384	9kg
C5G TP5 Plus	Medium	10 m / 15m	2,5 m	322x219x276	6kg
	Large	20 m		450x225x384	9kg

Other enclosure sizes, cable lengths and control generations on request.



Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission



Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m and 20 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels

The automatic cable retraction system for improved workplace safety



Exclusive sale via
ENGEL AUSTRIA GmbH



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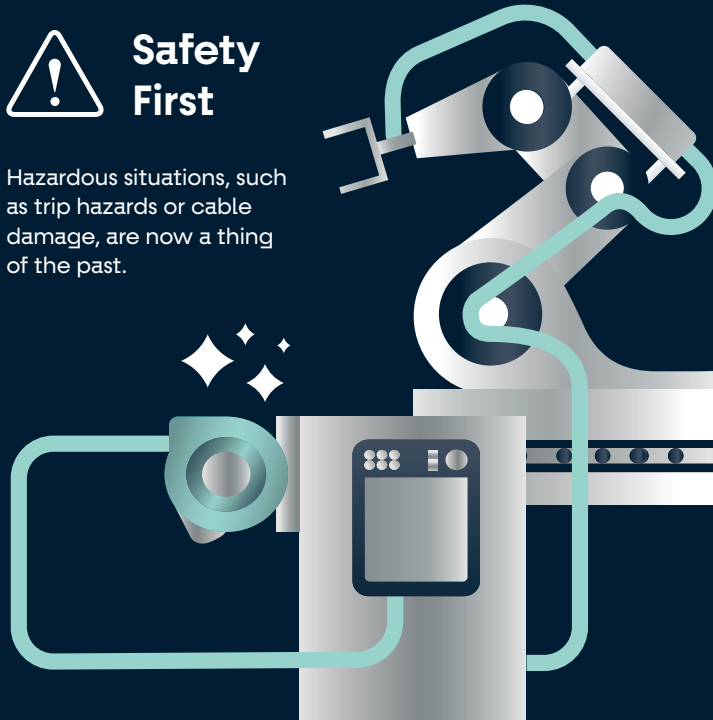
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Safety
First

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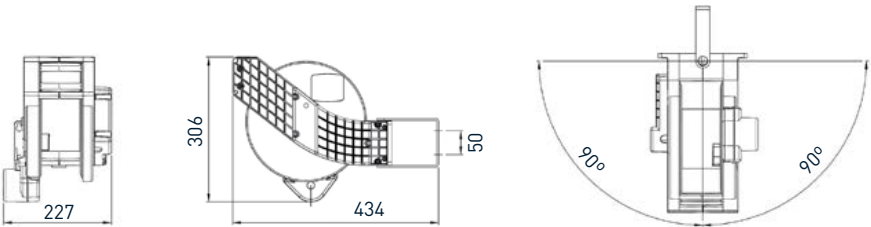


Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
C10 F50E	Exclusive extraction cable*	20 m	3 m	434x227x306	4,5kg
C30- C35 , C70 E15 F50E, C70 ED 10 , C100E	Inclusive extraction cable	15 m	5 m	322x219x276	9kg

* The MTPReel-O will be delivered without extendable cable. The original ENGEL C10 power cable can be pluggable connected. Mounting components are included in the delivery.

Open



Engel's MTPReel-O installation instructions can be found on **page 11** of this catalogue.



The **MTPReel** is available for **C10 F50E, C30-C35, C70 E15 F50E, C70 ED10, C100E** from **ENGEL**.



C70



C10

⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

⊕ Accessories

Installation element

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- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

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- 10 m, 15 m and 20 m extension cables available for all MTPReels

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for improved workplace safety



Exclusive sale via
FANUC Europe Corporation **FANUC**



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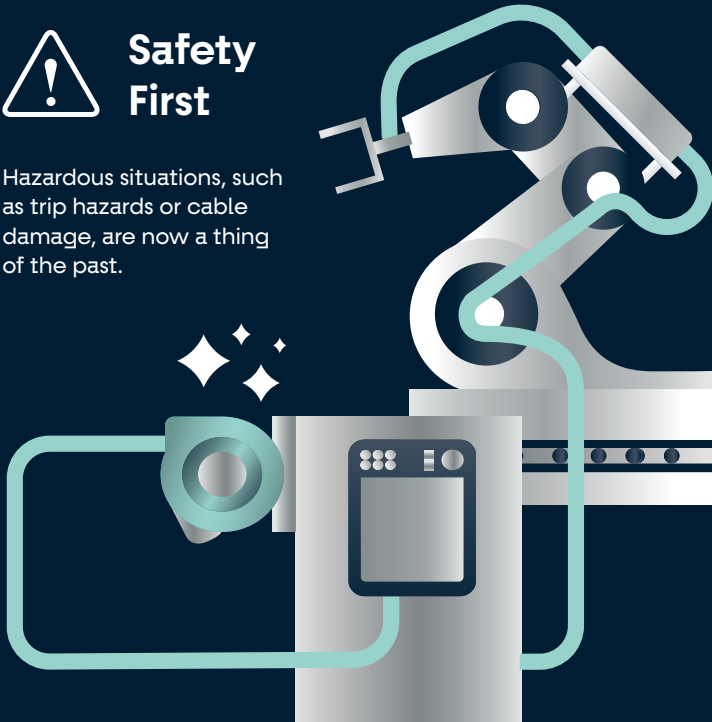
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Safety
First

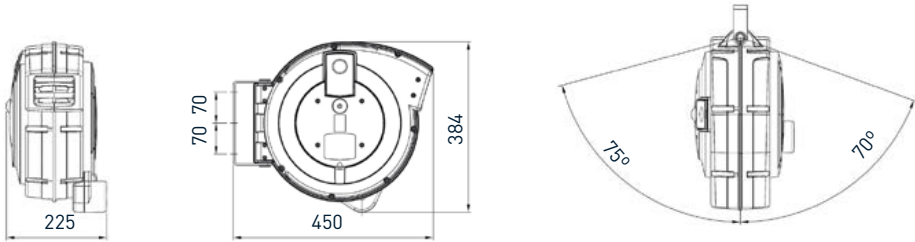
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
R 30iA: A-CAB, B-CAB, Mate	Medium	10 m / 15 m	5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m / 35 m		527x209x421	15kg
R 30iB: A-CAB, B-CAB, Mate	Medium	10 m / 15 m	5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m / 35 m		527x209x421	15kg
R 30iB: Open Air, Paint (no ATEX), CRX Robto, Compact Plus	Medium	10 m / 15 m	5 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg
	X-Large	30 m / 35 m		527x209x421	15kg

Large



The **MTPReel** is available for all series handheld operator panels.



⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

⊕ Accessories

- Installation element**
- Profile tube stands (rigid or rotatable)
 - Control cabinet fixing plates, aluminium profiles or fence elements
- Connection and extension cables**
- 10 m and 20 m connection cables available for all MTPReels
 - 10 m, 15 m and 20 m extension cables available for all MTPReels

The automatic cable retraction system for improved workplace safety



Time saving

Time is an essential success factor within the industrial sector and the MTPReel helps to save time due to its intuitive operation. The rapid but careful rewinding of the connector cable saves time, which your employees can dedicate to other things.



Operating error avoidance

Using the MTPReel will ensure that the operating device is assigned unambiguously to the operator. Lengthy searches for the correct plug-in piece and potential operating errors due to incorrect combinations are avoided.



Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



Patented and tested system – made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards.




Safety First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.

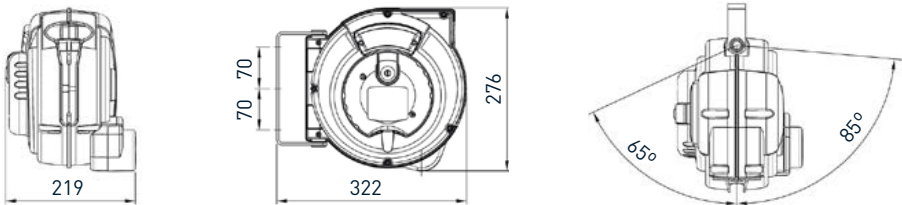


Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
TP520	Medium	10 m	2,5 m	322x219x276	6kg
TP530	Medium	10 m	2,5 m	322x219x276	6kg

Other enclosure sizes, cable lengths and control generations on request.

Medium



The **MTPReel** is available for **TP520/TP530** handheld operator panels.



TP520/TP530

⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

⊕ Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

The automatic cable retraction system for improved workplace safety



Exclusive sale via
igm Robotersysteme AG



Time saving

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Operating error avoidance

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Plant safety optimisation


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Patented and tested system –
made in Italy

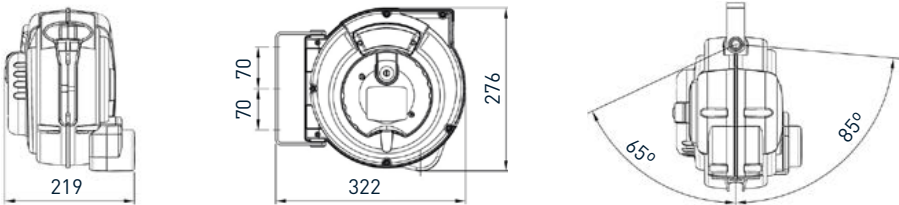
Our partner company in Italy manufactures the MTPReel to the highest quality standards.

Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
SERIE D	Medium	10 m / 15m	2 m	322x219x276	6kg
	Large	20 m / 25 m		450x225x384	9kg

Other enclosure sizes, cable lengths and control generations on request.

Medium



The **MTPReel** is available for K6 handheld operator panels.



K6

⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

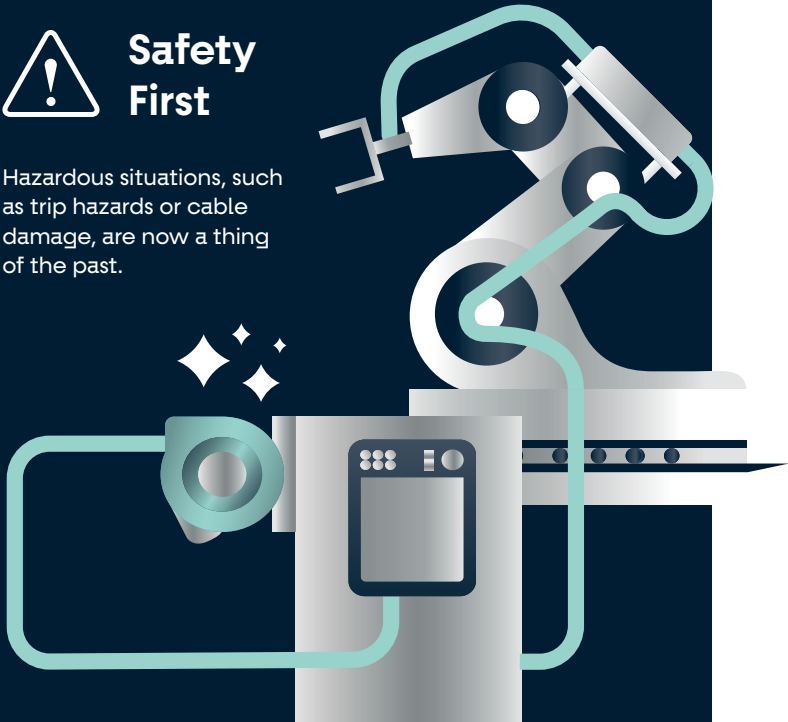
⊕ Accessories

- Installation element**
- Profile tube stands (rigid or rotatable)
 - Control cabinet fixing plates, aluminium profiles or fence elements
- Connection and extension cables**
- 10 m and 20 m connection cables available for all MTPReels
 - 10 m, 15 m and 20 m extension cables available for all MTPReels



Safety
First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



The automatic cable retraction system for improved workplace safety



Exclusive sale via
Kawasaki Robotic GmbH
 **Kawasaki**
Robotics



Time saving

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Operating error avoidance

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Plant safety optimisation

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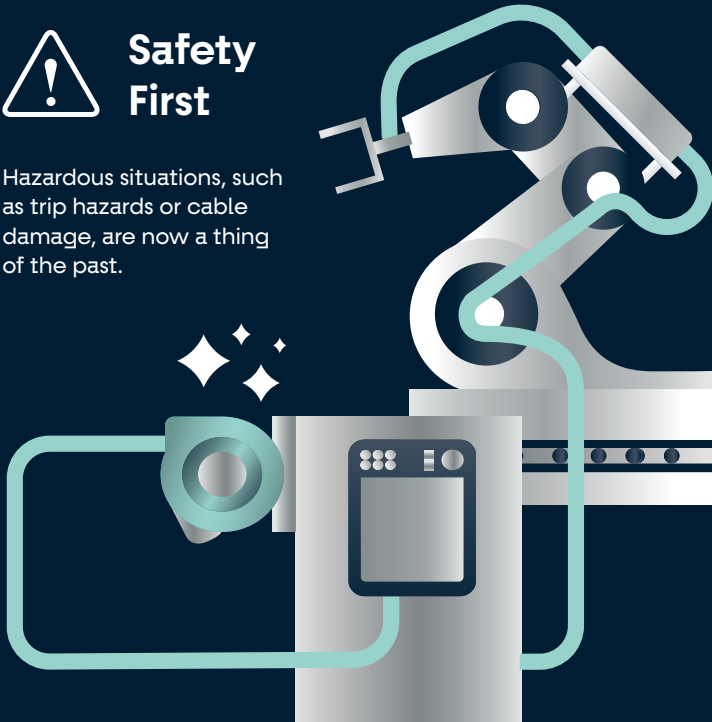
Patented and tested system – made in Italy

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Safety First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.

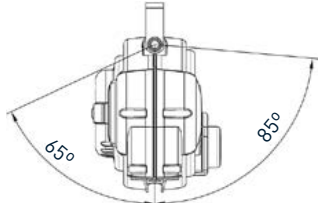
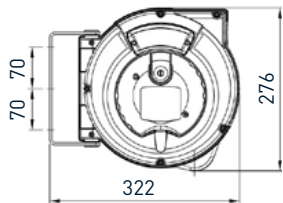
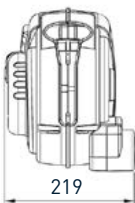


Technical specifications

Robot control	 Box size	 Extension length	Cabinet connection	Dimensions (mm)	Weight (kg)
SERIE D	Medium	10 m	2,5 m	322x219x276	6kg
	Large	15m		450x225x384	9kg
SERIE E	Medium	10 m	2,5 m	322x219x276	6kg
	Large	15 m / 20 m / 25 m		450x225x384	9kg
	X-Large	30 m		527x209x421	15kg

Other enclosure sizes, cable lengths and control generations on request.

Medium



The **MTPReel** is available for TP-E handheld operator panels from **Kawasaki**.



TP-E

Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

Accessories

- Installation element**
- Profile tube stands (rigid or rotatable)
 - Control cabinet fixing plates, aluminium profiles or fence elements
- Connection and extension cables**
- 10 m and 20 m connection cables available for all MTPReels
 - 10 m, 15 m and 20 m extension cables available for all MTPReels

The automatic cable retraction system for improved workplace safety



Sumcab is an official product partner of the KEBA AG



Time saving

Time is an essential success factor within the industrial sector and the MTPReel helps to save time due to its intuitive operation. The rapid but careful rewinding of the connector cable saves time, which your employees can dedicate to other things.



Operating error avoidance

Using the MTPReel will ensure that the operating device is assigned unambiguously to the operator. Lengthy searches for the correct plug-in piece and potential operating errors due to incorrect combinations are avoided.



Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



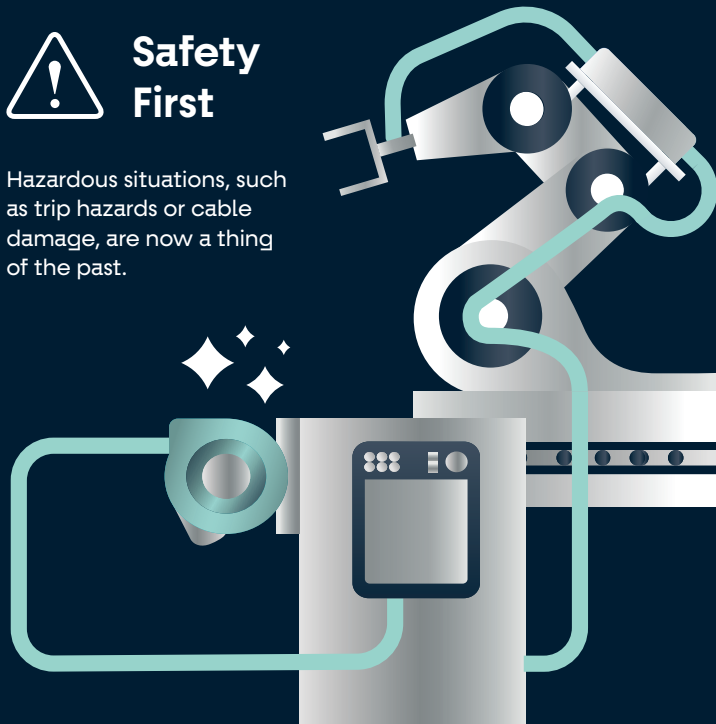
Tested quality – made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards. KEBA AG has tested the product quality and the MTPReels are now listed as a one of their brand label products.









Safety First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.

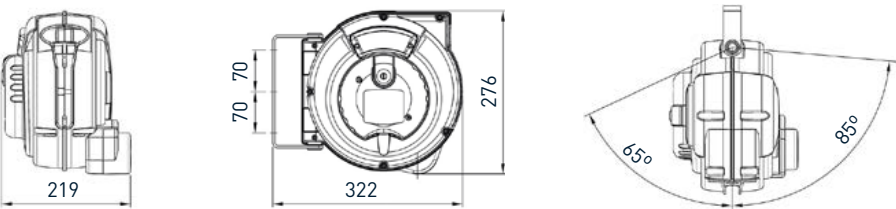


Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
KeTop T20, KeTop T55, KeTop T70, KeTop T100, KeTop T150, KeTop T200	Medium	10 m	2,5 m	322x219x276	6kg
	K-Box	18 m	2,5 m	450x225x384	9kg

Additional housing sizes, cable lengths, and control generations available upon request.

Medium



The MTPReel is available for all KEBA KeTop series handheld operator panels.



KeTop T20 KeTop T55 KeTop T70 KeTop T150 KeTop T155 KeTop T200

Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

Accessories

- Installation element**
- Profile tube stands (rigid or rotatable)
 - Control cabinet fixing plates, aluminium profiles or fence elements
- Connection and extension cables**
- 10 m and 20 m connection cables available for all MTPReels
 - 10 m, 15 m and 20 m extension cables available for all MTPReels

The automatic cable retraction system for improved workplace safety



Exclusive sale via
KUKA Deutschland
GmbH, Augsburg

KUKA



Time saving

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Operating error avoidance

Using the MTPReel will ensure that the operating device is assigned unambiguously to the operator. Lengthy searches for the correct plug-in piece and potential operating errors due to incorrect combinations are avoided.



Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



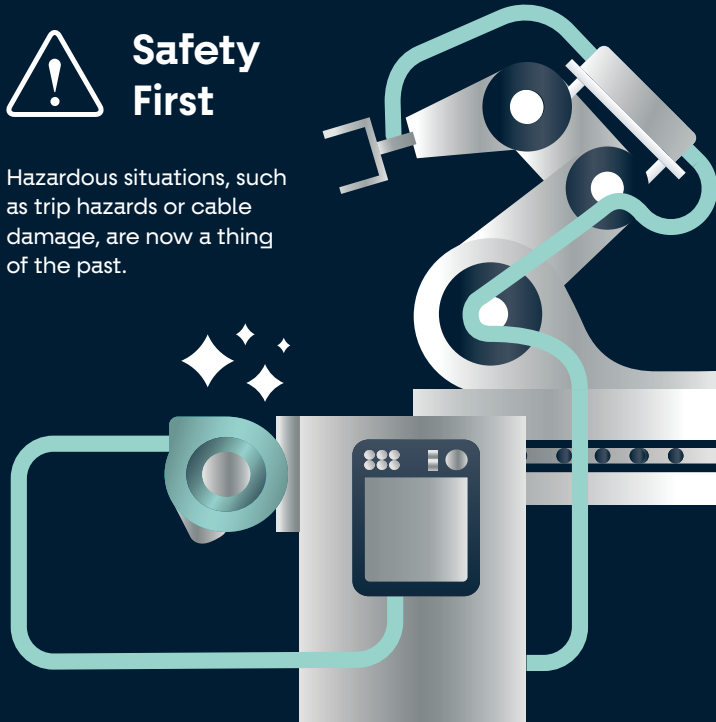
Patented and tested system – made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards.



Safety First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.

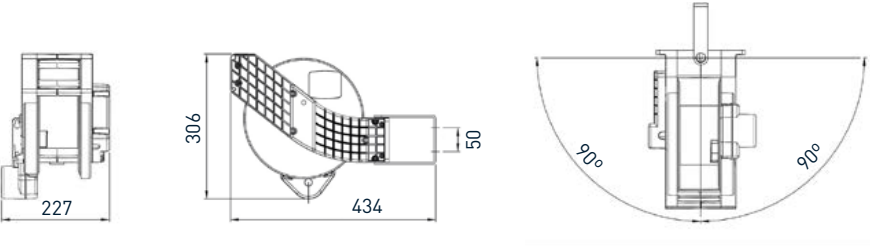


Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
KRC4/5 mit smartPAD	MTPReel - 0	Bis 20 m	2,5 m	434x227x384	4,5kg

MTPREEL-0 (open system) without extension cable for easy retrofitting of the existing original connection cable (max. 20 m).
Connection cable length can be extended by cable extensions. Observe the maximum connection length according to the ambient conditions in the production environment.

Open



Engel's MTPReel-0 installation instructions can be found on **page 11** of this catalogue.



The **MTPReel** is available in different models for the hand held smartPAD from **KUKA**.



smartPAD

Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

Accessories

- Installation element**
- Profile tube stands (rigid or rotatable)
 - Control cabinet fixing plates, aluminium profiles or fence elements
- Connection and extension cables**
- 10 m and 20 m connection cables available for all MTPReels
 - 10 m, 15 m and 20 m extension cables available for all MTPReels

Mitsubishi Electric

The automatic cable retraction system for improved workplace safety



Exclusive sale via
Mitsubishi Electric



Time saving

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Operating error avoidance

Using the MTPReel will ensure that the operating device is assigned unambiguously to the operator. Lengthy searches for the correct plug-in piece and potential operating errors due to incorrect combinations are avoided.



Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



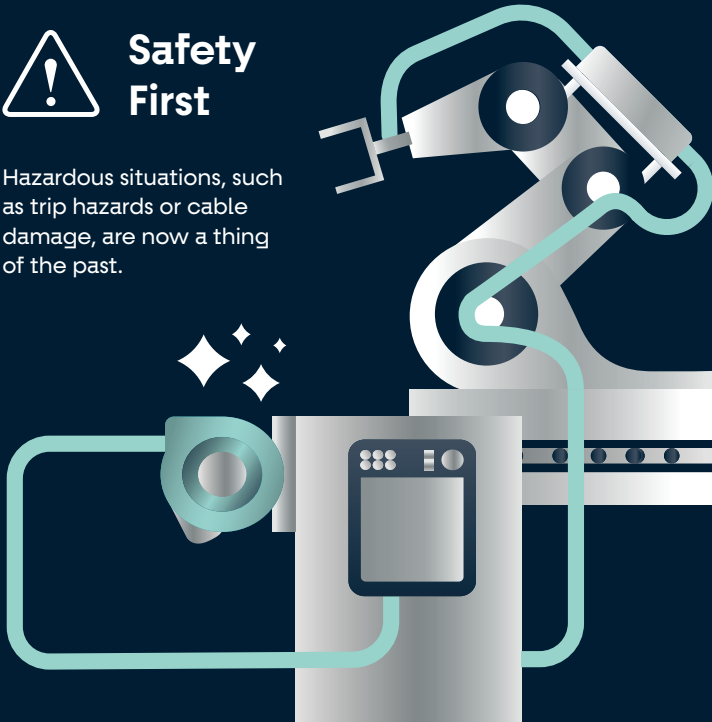
Patented and tested system – made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards.









Safety First

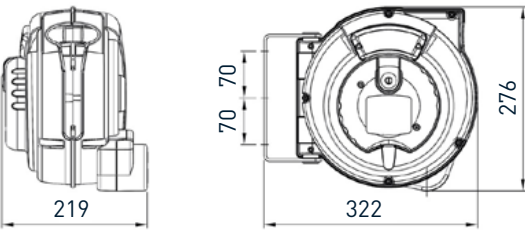
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



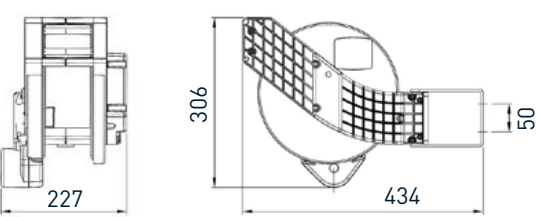
Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
R56 TB	Medium	10 m	2,5 m	322x219x276	6kg
	Open	Bis 20 m	2,5 m	434x227x384	4,5kg

Medium



Open



Engel's MTPReel-O installation instructions can be found on **page 11** of this catalogue.



The **MTPReel** and **MTPReelTM - Open** is available for **R56TB** and **R32TB** handheld operator panels.



Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels

The automatic cable retraction system for improved workplace safety



Exclusive sale via
Panasonic Connect Europe GmbH
Panasonic



Time saving

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Operating error avoidance

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Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



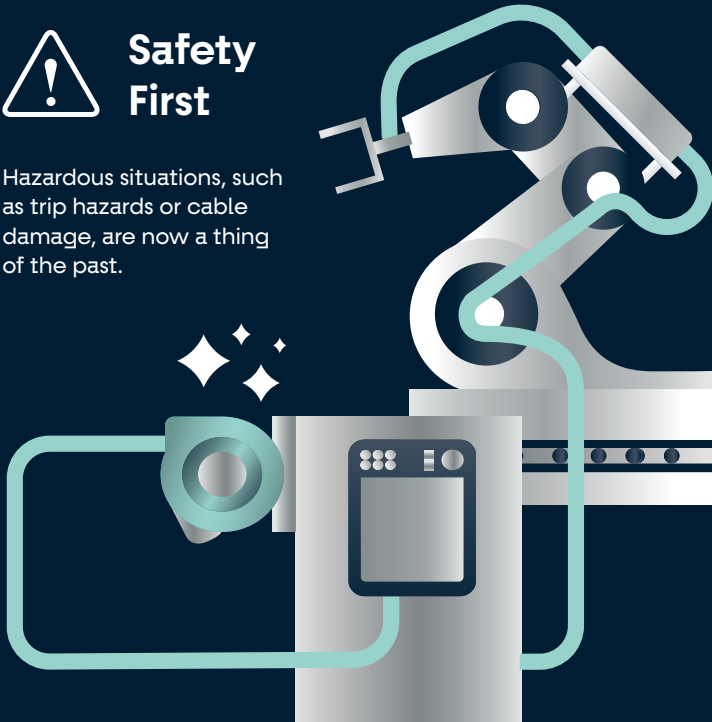
Patented and tested system – made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards.






Safety First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.

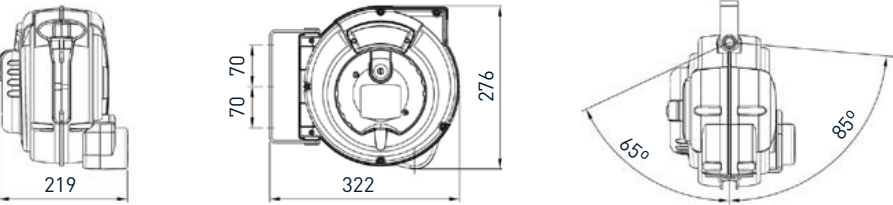


Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
G2	Medium	10 m	4 m	322x219x276	6kg
	Large	15 m / 20 m / 25m		450x225x384	9kg
G3	Medium	10 m	4 m	322x219x276	6kg
	Large	15 m / 20 m / 25m		450x225x384	9kg

Other enclosure sizes, cable lengths and control generations on request.

Medium



The **MTPReel** is available for the handheld operator panels of **PANASONIC**.



Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m and 20 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels

MTPReel™-O

Reis Robotics

The automatic cable retraction system
for improved workplace safety



Exclusive sale via
Reis Robotics
GmbH & Co. KG



Time saving

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Operating error avoidance

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Plant safety optimisation

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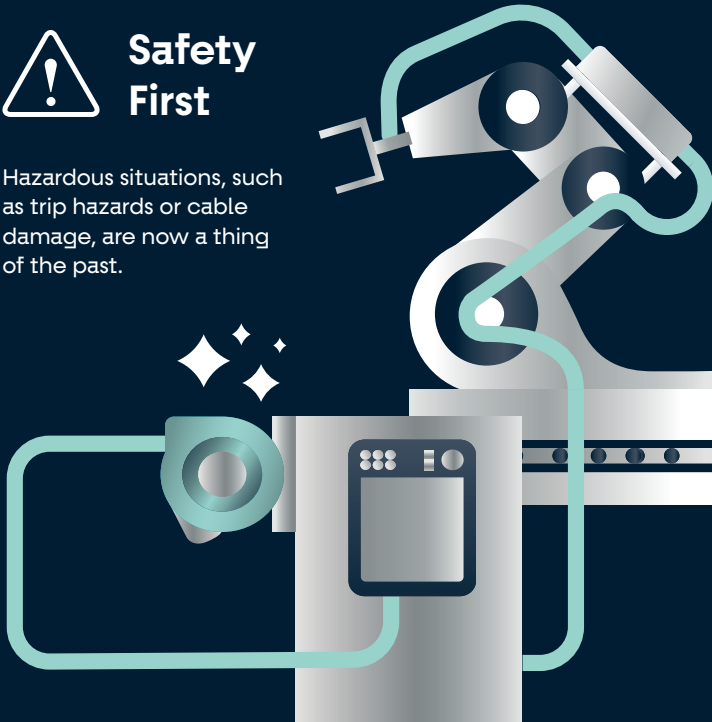
Patented and tested system –
made in Italy

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Safety
First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
ROBOTstarV mit PHG 10	Medium	10 m	2,5 m	322x219x276	6kg
ROBOTstarV mit PHG 10-2	Medium	10 m	2,5 m	322x219x276	6kg
ROBOTstarV mit PHG 10-2	Large	20 m	2,5 m	450x225x384	9kg
ROBOTstar 6 mit reisPAD	Medium	10 m	2,5 m	322x219x276	6kg
ROBOTstar 6 mit reisPAD	MTPReel - O	Bis 20m	2,5 m	434x227x384	4,5kg

* MTPREEL-O (open system) without extension cable for easy retrofitting of the existing original connection cable (max. 20 m).
Connection cable length can be extended by cable extensions. Observe the maximum connection length according to the ambient conditions in the production environment.



The **MTPReel** is available in different models for the hand held PHG 10, PHG 10-2, reisPAD and smartPAD from Reis Robotics.



PHG 10 / 10-2



reisPAD



smartPAD

Engel's MTPReel-O installation instructions can be found on **page 11** of this catalogue.

⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

⊕ Accessories

- Installation element**
- Profile tube stands (rigid or rotatable)
 - Control cabinet fixing plates, aluminium profiles or fence elements
- Connection and extension cables**
- 10 m and 20 m connection cables available for all MTPReels
 - 10 m, 15 m and 20 m extension cables available for all MTPReels

Sepro

The automatic cable retraction system for improved workplace safety



Exclusive sale via
Sepro Robotique



Time saving

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Operating error avoidance

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Plant safety optimisation

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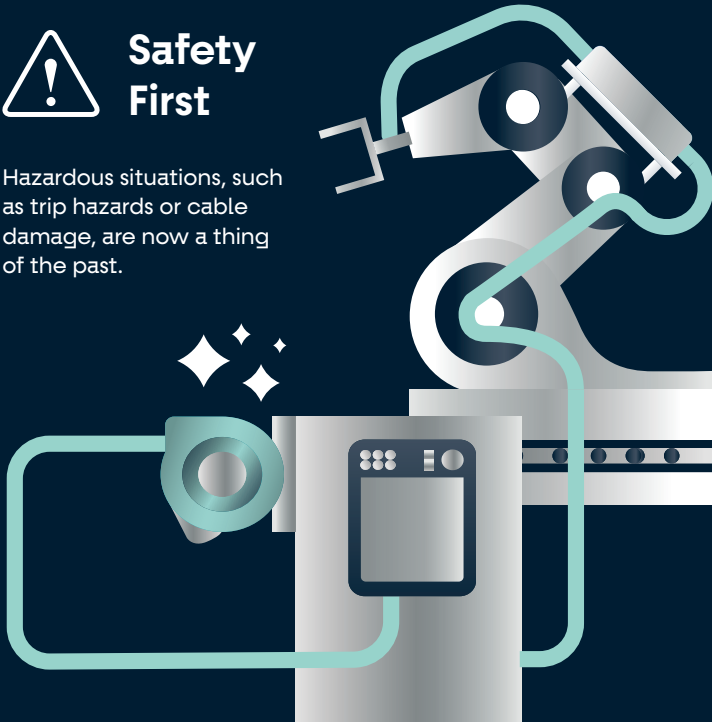
Patented and tested system –
made in Italy

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Safety
First

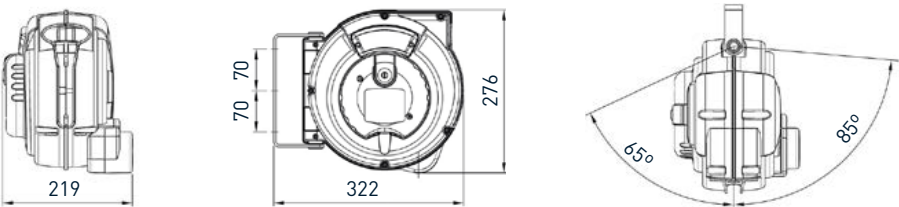
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
Touch / Visual 2 / Visual 3	Medium	10 m / 15 m	5 m	322x219x276	6kg
	Large	15 m / 20 m		450x225x384	9kg

Medium



The **MTPReel** is available for Touch, Visual 2 and Visual 3 handheld operator panels.



Touch



Visual 2



Visual 3

⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

⊕ Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m and 20 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels

The automatic cable retraction system for improved workplace safety



Time saving

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Operating error avoidance

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Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



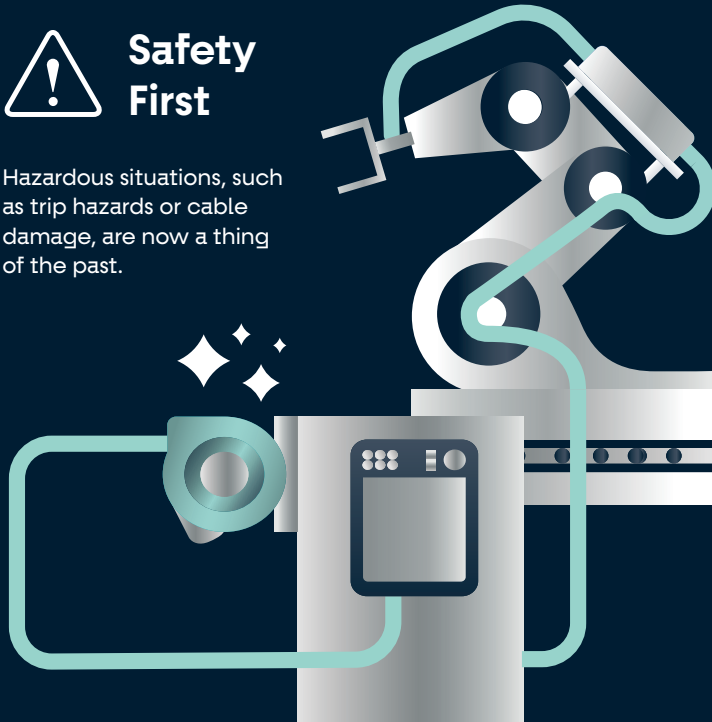
Patented and tested system – made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards.



Safety First

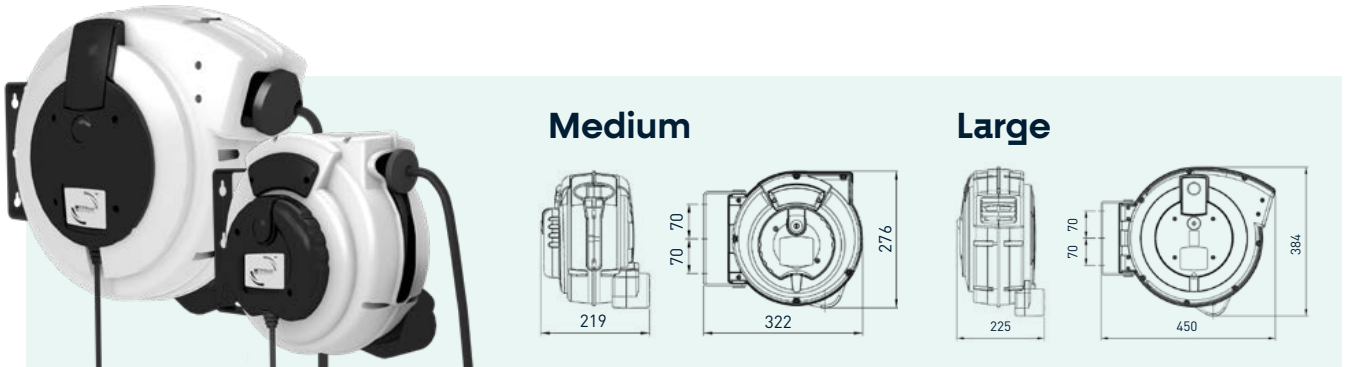
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
170 DP ProfiBUS, 177 DP ProfiBUS	Medium	10 m / 15 m	2,5 m	322x219x276	6kg
177 PN ProfiNET 277 DP ProfiBUS 277 PN ProfiNET HT2 PN ProfiNET HT6 DP ProfiBUS HT8 PN ProfiNET HT10 PN ProfiNET	Medium	10 m / 15 m	2,5 m	322x219x276	6kg
	Large	20 m		450x225x384	9kg
KTP 700 / 900 / 1000	Medium	10 m / 15m	2,5m	322x219x276	6kg
KTP 700 / 900 / 1000	Large	10 m / 15m	2,5 m	322x219x276	6kg
		20 m		450x225x384	9kg

Additional housing sizes, cable lengths, and control generations available upon request.
Maximum length for full data transfer warranty is 27.5 meters and/or 2 connector points.



Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission



Accessories

- Installation element**
- Profile tube stands (rigid or rotatable)
 - Control cabinet fixing plates, aluminium profiles or fence elements
- Connection and extension cables**
- 10 m and 20 m connection cables available for all MTPReels
 - 10 m, 15 m and 20 m extension cables available for all MTPReels

The automatic cable retraction system
for improved workplace safety



Time saving

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Operating error avoidance

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Plant safety optimisation

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Patented and tested system –
made in Italy

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Safety
First

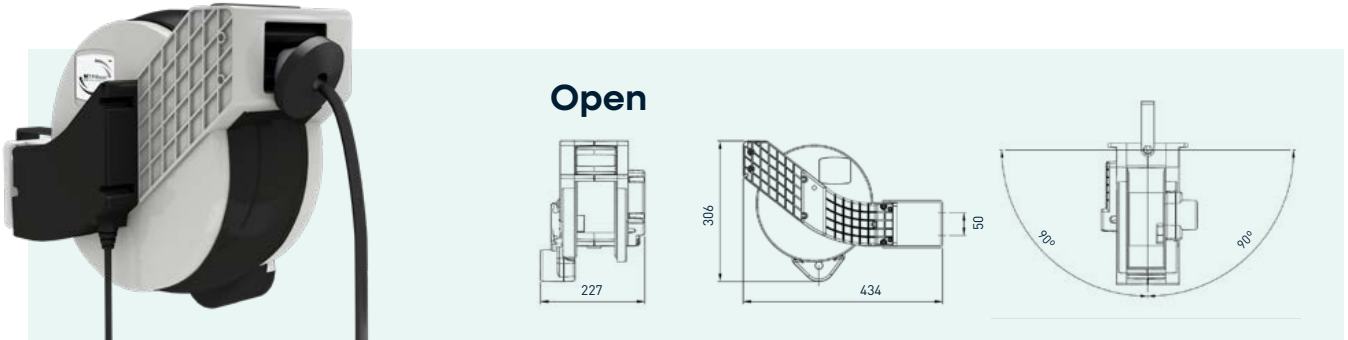
Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.



Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
SP1	MTPReel - 0	Bis max. 20 m	2,5 m / 4,0 m	434x227x384	4,5kg
SP2	MTPReel - 0	Bis max. 20 m	2,5 m / 4,0 m	434x227x384	4,5kg

Additional housing sizes, cable lengths, and control generations available upon request.



⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

⊕ Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m and 20 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels

YASKAWA

The automatic cable retraction system
for improved workplace safety

Sold exclusively through
YASKAWA Europe GmbH
YASKAWA



Time saving

Time is an essential success factor within the industrial sector and the MTPReel helps to save time due to its intuitive operation. The rapid but careful rewinding of the connector cable saves time, which your employees can dedicate to other things.



Operating error avoidance

Using the MTPReel will ensure that the operating device is assigned unambiguously to the operator. Lengthy searches for the correct plug-in piece and potential operating errors due to incorrect combinations are avoided.



Plant safety optimisation

Properly storing the connector cable in the MTPReel protects it from dirt and accidental damage, which significantly increases its service life and improves safety within the operational facility.



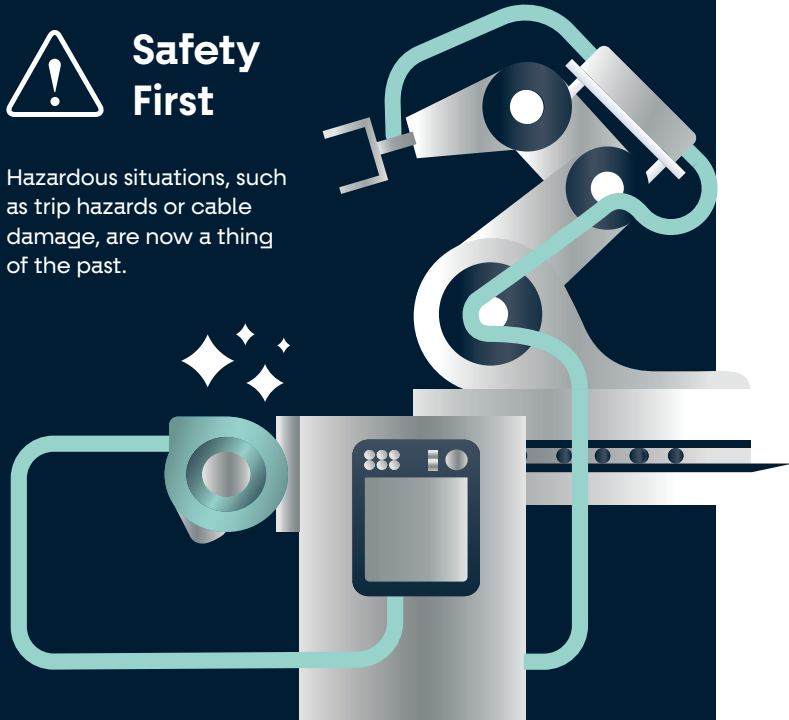
Patented and tested system –
made in Italy

Our partner company in Italy manufactures the MTPReel to the highest quality standards.









Safety
First

Hazardous situations, such as trip hazards or cable damage, are now a thing of the past.

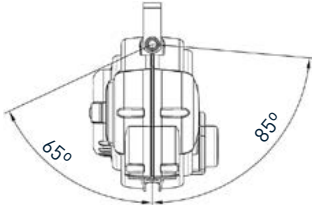
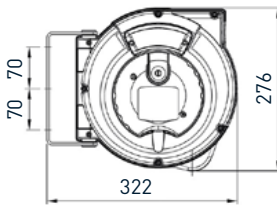
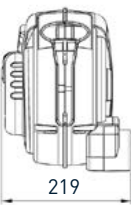


Technical specifications

 Robot control	 Box size	 Extension length	 Cabinet connection	 Dimensions (mm)	 Weight (kg)
NX100, DX100, DX200, FS100	Medium	10 m / 15m	2,5 m	322x219x276	6kg
YRC1000	Medium	10 m	2,5 m	322x219x276	6kg
	Large	20 m	2,5 m	450x225x384	9kg

Additional housing sizes, cable lengths, and control generations available upon request.

Medium



The **MTPReel** is available for the Smart Pendant, NX 100, YRC 1000, DX 100, DX 200 und FS 100 handheld terminal.



Smart Pendant



NX 100



YRC 1000



DX 100



DX 200



FS 100

⊕ Extras

- Housing made of shock-resistant material
- Stable, rotatable mounting bracket
- Integrated brake module for a careful cable retraction
- Spring loaded cable retraction system
- Detachable automatic cable release and retraction brake every 50 cm
- Rotating contact transmission system for secure data transmission

⊕ Accessories

Installation element

- Profile tube stands (rigid or rotatable)
- Control cabinet fixing plates, aluminium profiles or fence elements

Connection and extension cables

- 10 m and 20 m connection cables available for all MTPReels
- 10 m, 15 m and 20 m extension cables available for all MTPReels



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**The small change
that changes
everything**



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Multi Teach Pendant Reel

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