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Wire Cart

4051.050



Assembly and operating instructions



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1 Notes on documentation

This documentation serves mainly for the assembly of the Wire Cart.

1.1 Retention of documents

The assembly and operating instructions, together with all other applicable documents, are integral components of the product. They must be handed over to the persons dealing with the product and must always be available and on hand for operating and maintenance personnel.

1.2 Symbols used in this document

The following symbols are used in this documentation:



Warning!

Hazardous situation which may lead to death or serious injury if the instructions are not followed.



Caution!

Hazardous situation which may lead to (minor) injuries if the instructions are not followed.



Note:

Indicates situations that can lead to material damage.

- This symbol indicates an "action point" and shows that you should perform an operation or procedure.

1.3 Intended use

The Wire Cart is used to store and transport filled wire rails from the production (Wire Terminal) to the wiring workstation, as well as to provide tools, cables and wires at the wiring workstation. In addition, the Wire Cart can be used for the provision of documentation (plans in paper form or PC/tablet) as storage or screen carrier.



Note:

Read instructions completely before starting work.



Caution!

Wear safety shoes when moving the wire rail trolley to prevent injuries from unintentional rolling over of feet and toes.

1 Notes on documentation

EN

Operating instructions in other languages can be found on our website:



[Click here!](#)

2 Assembly



Note:

The assembly/installation may only be carried out by appropriately trained specialist personnel.

2.1 Overview

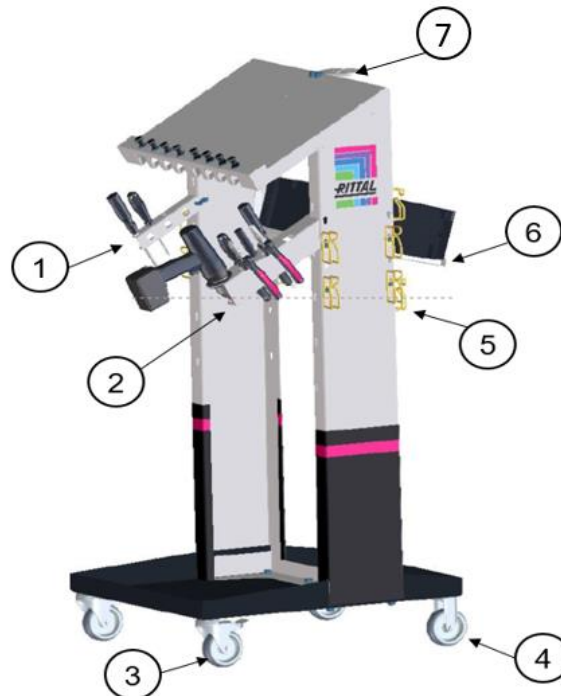


Fig. 1: Wire Cart construction + accessory options

Legend:

1. Tool holder S
2. Tool holder XL
3. Swivel castor with brake
4. Fixed castor
5. Cable shunting ring
6. Wire Cart storage shelf (order number 4051.055)
7. Flange holder



Note:

Tools or accessories shown are not part of the scope of delivery.

2.2 Assembly procedure



Note:

Assembly and disassembly require basic mechanical knowledge.

- Check the entire shipment for completeness using the enclosed delivery note!

When installing the product, please proceed as follows:

Remove packaging:

1. Unscrew the screws at the four corners to detach the Wire Cart from the transport pallet.

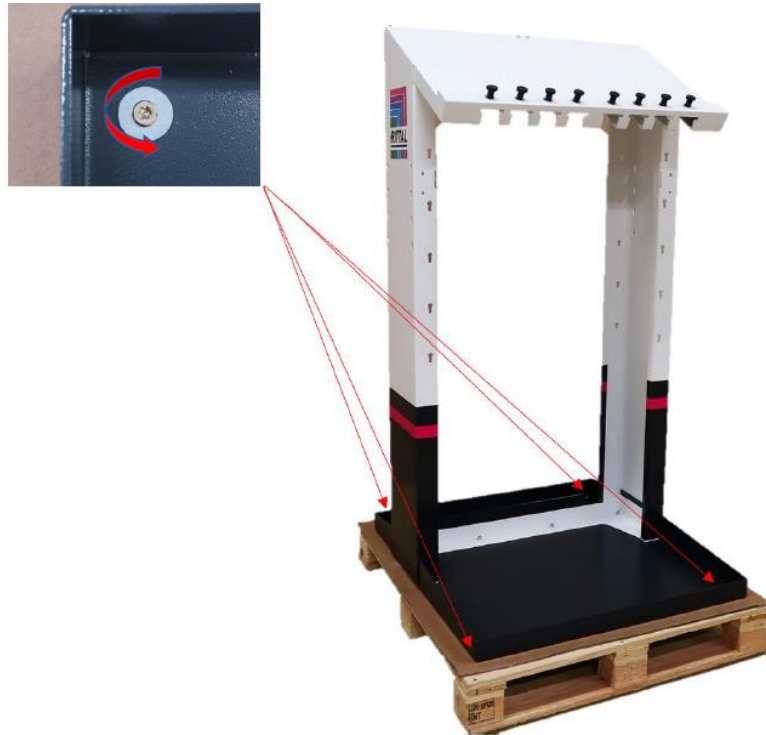


Fig. 2: Removal of packaging

Mounting the castors:

1. Mount the Swivel castor with brake by tightening from above with a hexagon head screw (M10x30) and a washer (A10.5) and from below with a washer (A10.5), a spring washer (A10.7) and then a hexagon nut (M10).
2. Fasten the Fixed castor at the rear using the same procedure.

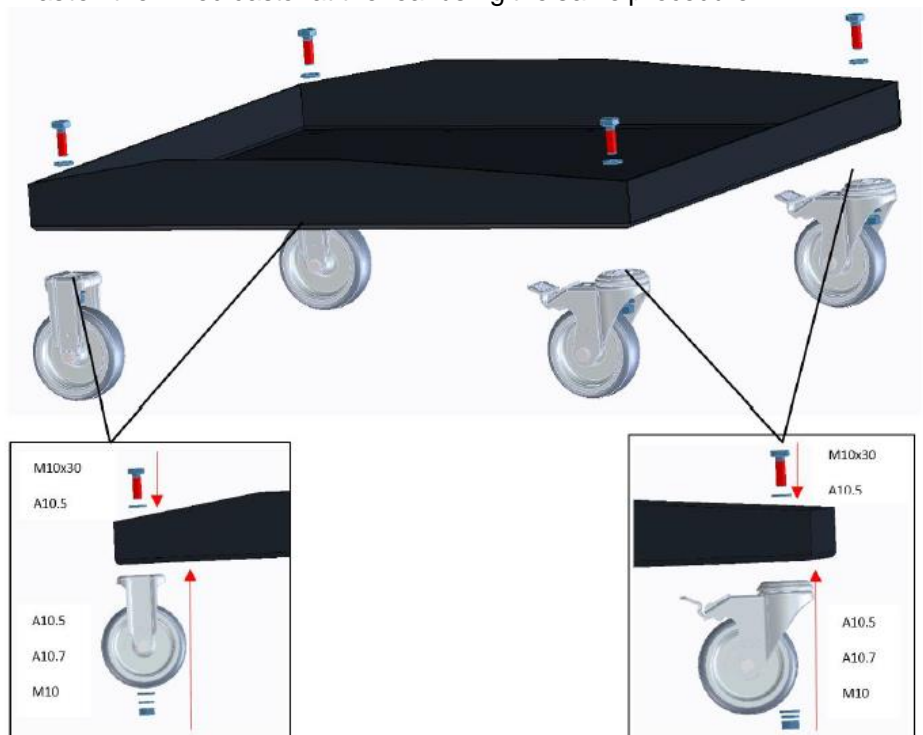


Fig. 3: Assembly of the castors

Tool holder S left:

1. Tighten the tool holder on the left side from the front with 2x screws (M5x12) and washer (A5.3) and from the back with 2x nuts (M5).

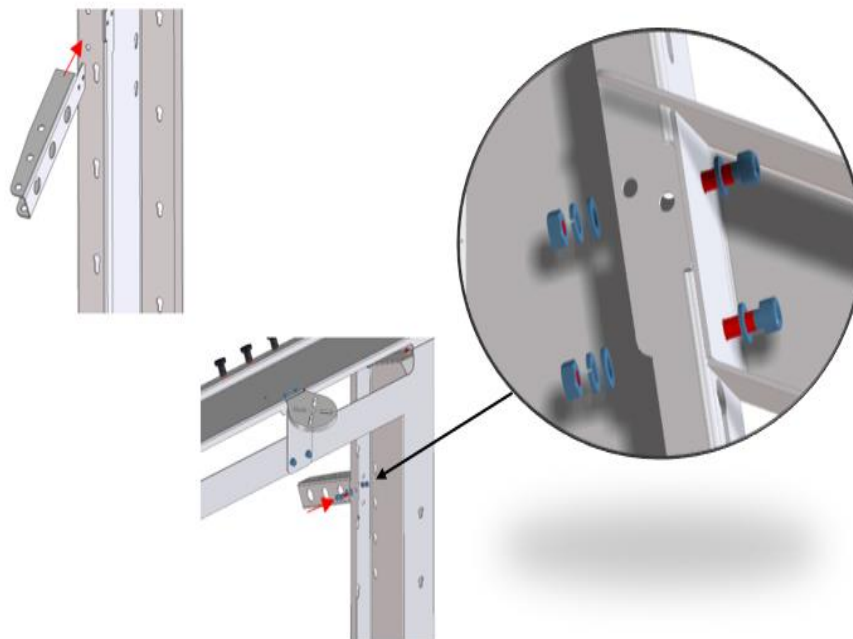


Fig. 4: Mounting tool holder S

Tool holder XL right:

1. Tighten the tool holder on the right side from the front with 2x screws (M6x16) and washers (A6.4) and from the rear with 2x washers (A6.4), 2x spring washers (A6.5) and 2x nuts (M6).

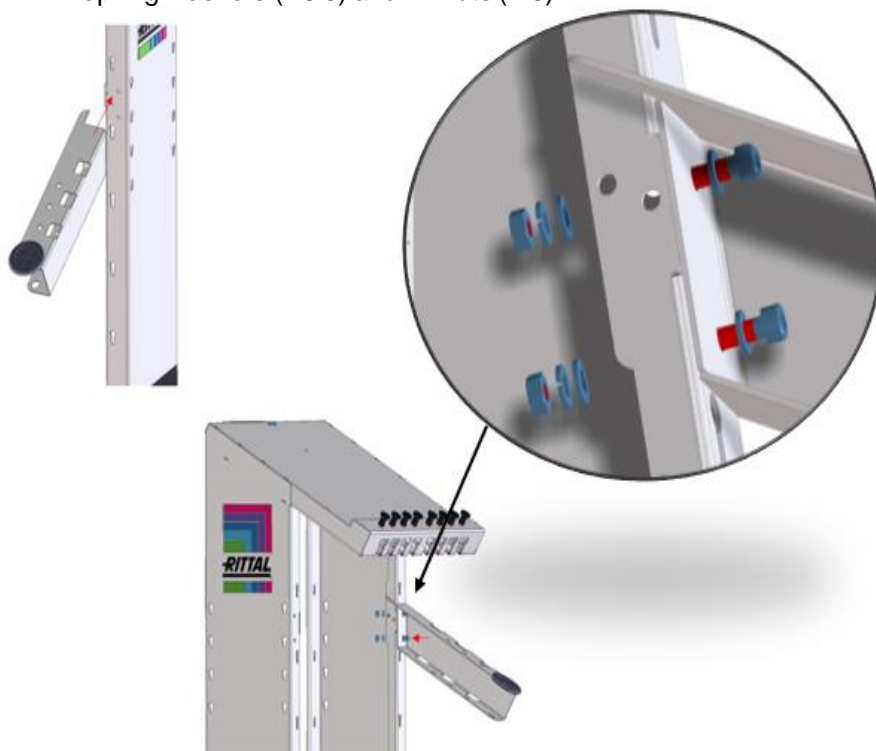


Fig. 5: Assembly tool holder XL

Wire Cart storage shelf:

1. Up to 4 storage shelves can be hooked in at any position. When using inserted tool holders this number is reduced to a maximum of 3.

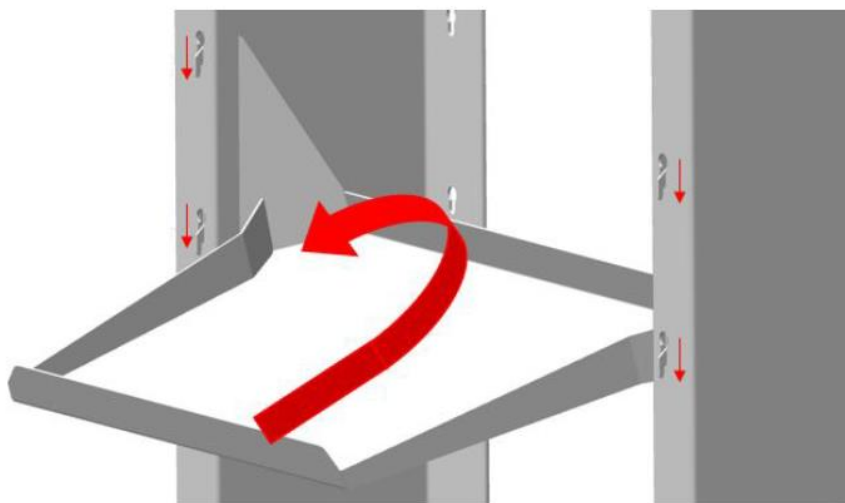


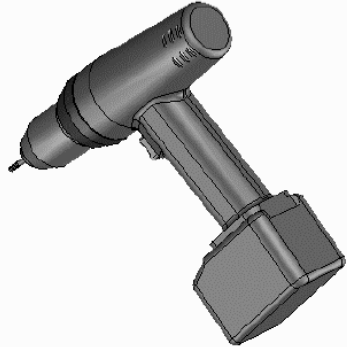


Fig. 6: Assembly of the storage shelf

2.3 Required tools

Designation	Size	Illustration
Allen wrench	1x 4mm, 1x 5mm	
Open-end spanner or ring spanner	1x 17 mm 1x 8 mm, 1x 10 mm	
Cordless screwdriver or screwdriver	TX20 or TX25	

3 Operation

The operation of the product is not changed by these accessories.



Warning!

- The prescribed maximum load and the maximum load of the individual accessories according to the technical data must be observed.
- In order to minimise the risk of tipping, all attachments on the universal screen holder must be designed so that the centre of gravity is located as centrally as possible above the four castors.
- To prevent unintentional rolling away, the brakes on the castors must always be locked when the trolley is parked.
- The Wire Cart is designed for use on flat, solid ground and is therefore not suitable for uneven or sloping surfaces.
- The Wire Cart is not suitable for outdoor use.
- To minimise the risk of tripping, care must be taken to ensure that long wires do not hang out of the floor pan during transport.



Warning!

If any damage is found or evident, do not use the Wire Cart until it has been repaired.



Note:

In order to ensure the longest possible and trouble-free operation, repair and maintenance work should be carried out at regular intervals. In particular:

- Check all screws and locking bolts for tightness
- Check the function of the parking brakes
- Clean all surfaces with a soft, damp cloth











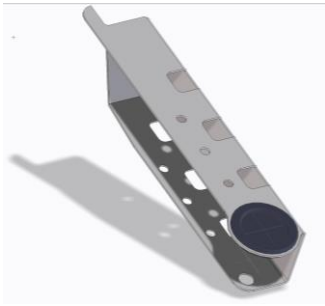
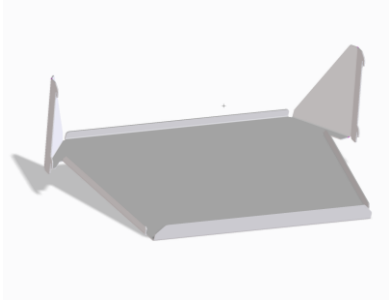
Caution!

Do not use aggressive cleaning agents! In case of doubt, it is advisable to check the compatibility at a non-visible place.

4 Annex

4.1 Scope of delivery

Item	Description	Qty.	Figure
1	Wire Cart frame pre-assembled, consisting of: rail box, jacket, tray and universal adaptor for tablets/monitors	1	
2	Fixed castor	2	
3	Swivel castor with brake	2	
4	Hexagon head screw	4	
5	Hexagon nut	4	
6	Washer	8	
7	Spring washer	4	
8	Tool holder S left, consisting of: 1x tool angle S 2x screws M5x12, 2x washers A5.3, 2x nuts M5	per 1	

9	<p>Tool holder XL right, consisting of:</p> <p>1x tool angle XL 2x screws M6x16, 4x washers A6.4, 2x spring washers A6.5, 2x nuts M6</p>	per 1	
10	Storage shelf	1-4	

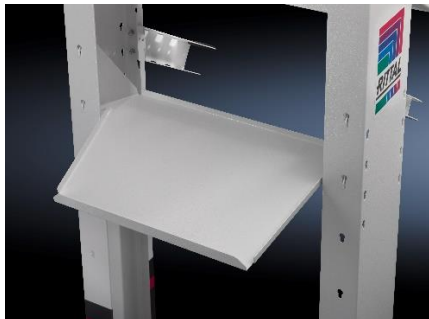
Tab. 1: Scope of delivery

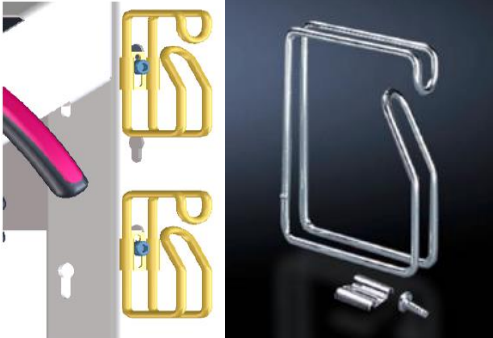
4.2 Technical data

	Value	Unit
Dimensions W x H x D	640 x 700 x 1500	mm
Weight	approx. 50	kg
Max. permissible total weight	100	kg
Max. permissible load on universal screen holder Centre of gravity within the castors	3	kg
Max. permissible load on storage shelf, tool holder eco, tool holder XL	5 each	kg
Max. permissible load on wire holder (hook)	2 each	kg

Tab. 2: Technical data

4.3 Mounting options

Designation	Model no.	Figure
Storage shelf	4051.055	

Cable shunting ring	7111.900 (125 x 85 mm) 7111.000 (125 x 65 mm) 7112.000 (85 x 43 mm)	
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Tab. 3: External mounting options

5 Warranty

The warranty conditions can be found in the current Rittal sales and delivery conditions on our website.



Note:

Any intervention by third parties during the warranty period releases the manufacturer from its warranty obligations.

6 Customer service addresses

- For technical questions please contact our technical support:
 - Phone.: +49(0)2772 505-9052
 - E-mail: <mailto:info@rittal.com>
 - Website: www.rittal.com

- For sales or service enquiries, please contact your local Rittal organisation at:
<http://www.rittal.com/contacts>

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