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Aluminium Gantry Crane

Sample Manual (June 2026)



USER INFORMATION

The assembly, operating, and maintenance instructions for SCHILLING products must always be followed. Users and/or their personnel must read the instructions thoroughly and fully understand them before using the product.

Keep this user information for future reference!

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1 Introduction

- The aluminium gantry crane is designed for lifting, lowering, and traversing loads using a trolley.
  It may also be used as an anchor point in accordance with EN 795.
- The aluminium gantry crane shall only be used on a level and stable surface.
- This user information forms an integral part of the product and shall be considered as part of the overarching risk assessment and handling instructions for all lifting and load-handling operations.
- This user information shall be available to all users at all times.
- Please read this user information carefully before using the product.
- This user information describes the safe assembly, operation, maintenance, repair, disassembly, and disposal of the product.
- In addition to these instructions for use, all occupational health and safety regulations applicable in the country and environment in which the product is used, as well as all other relevant general regulations, must be strictly observed to ensure safe and proper use.
- Images and illustrations in this user information may differ from the actual product supplied.
- Unauthorized modifications to the product, as well as the use of self-fabricated auxiliary equipment, are prohibited.

1.1 Manufacturer

SCHILLING
www.schilling-fn.de
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88045 Friedrichshafen
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Telefon: +49 7541 60404-0
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1.2 Terms and Conditions

- In the case of direct sales, the general terms and conditions may be obtained from the manufacturer or via their website.
- If the device has been purchased through an intermediary, please contact your distributor or salesperson.

2 Presentation of Information

This document uses symbols, terminology, instructions for use, and enumerations as described in Chapters 2.1 and 2.2 below.

2.1 Symbols and terminology

Safety instructions

Safety instructions are classified and presented as follows:

⚠ HAZARD
A safety instruction designated as “HAZARD” indicates a risk that will directly and inevitably result in death or severe, permanent injury.

⚠ WARNING
A safety instruction designated as “WARNING” indicates a risk that may result in severe injury or death.

⚠ CAUTION
A safety instruction designated as “CAUTION” indicates a risk that may result in minor to moderate injury.

NOTE
A safety instruction designated as “NOTE” indicates a risk that may result in material damage.

Useful information and tips



INFO
This symbol denotes useful information and practical tips.

Disposal



INFORMATION FOR DISPOSAL
of packaging materials, lifting devices, etc.

2.2 Instructions for Use and Enumerations

All instructions for use are presented in chronological order and numbered, for example:

1. Step 1
2. Step 2

Outcomes of actions are indicated by an arrow:

➢ Outcome or device response

Instructions for use that do not have to be carried out in a particular sequence are indicated as follows:

- Step
- Step

Outcomes of actions are indicated by an arrow:

➢ Outcome or device response

Enumerations are indicated by indents:

- Enumeration

3 Declaration of Conformity

3.1 EC Declaration of Conformity

Pursuant to the EC Machinery Directive 2006/42/EC, Appendix II A

We hereby declare that the machine described below complies, in its design and construction and in the version supplied by us, with the general health and safety requirements of EC Directive 2006/42/EC and, where applicable, 2014/34/EU, 2014/35/EU, and 2014/30/EU.
This declaration shall become invalid if the machine is modified without our prior approval.

Manufacturer:

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Description and Identification of the Machine:

Designation:	Aluminium Gantry Crane
Item Number:	Sample Manual
Serial Number:	
Load Capacity:	
Year of Manufacture:	

Applied harmonised standards, in particular:

DIN EN 12100:2011-03 – Safety of Machinery
DIN EN 13001-1:2015 – Cranes – General Design – Part 1: General Principles and Requirements
DIN EN 13001-2:2021 – Cranes – General Design – T2 Load Actions
EN 13155:2003+A2:2009 – Cranes – Safety - Non-Fixed Load Lifting Attachments
EN 16851:2017+A1:2020 – Cranes – Light Crane Systems
EN 60204-1:2019-06 – Safety of Machinery
DIN EN 60204-1 (VDE 0113-1):2019-06 – Electrical Equipment of Machines
DIN EN ISO 80079-36:2016-12 – Non-Electrical Equipment for Use in Potentially Explosive Atmospheres

Signature:

Martin Schilling – Managing Director

Date:

Authorized person for Documentation: Danny Büdinger – Technician (mechanical technology)

3.2 UK Declaration of Conformity

Supply of Machinery (Safety) Regulations 2008: Great Britain

We hereby declare that the machine described below complies, in its design and construction and in the version supplied by us, with the general health and safety requirements of the Supply of Machinery (Safety) Regulations 2008: Great Britain.
This declaration shall become invalid if the machine is modified without our prior approval.

Manufacturer:

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Description and Identification of the Machine:

Designation:	Aluminium Gantry Crane
Item Number:	Sample Manual
Serial Number:	
Load Capacity:	
Year of Manufacture:	

Applied harmonised standards, in particular:

BS EN 13001-1:2015 – Cranes - General design - Part 1: General Principles and Requirements
BS EN 13001-2:2014 – Crane Safety - General design - Part 2: Load Actions
BS EN 15011:2011 – Cranes - Bridge and Gantry Cranes
BS EN 1999-1-1:2007+A2:2013 – Design of Aluminium Structures – General Structural Rules

Signature:

Martin Schilling – Managing Director

Date:

Authorized person for Documentation: Danny Büdinger – Technician (mechanical technology)

4 Safety

Please read the following safety instructions thoroughly before putting the product into operation.

Chapters 4.1 to 4.3 outline the general rules of conduct to be observed when handling the product. Instructions in the subsequent chapters marked with a ⚠ must be followed to prevent risks to persons and property. Safety notes related to specific instructions are provided before the corresponding step and must be strictly observed.

4.1 General Safety Notes

- Please read this user information carefully before using the product.
- Observe all safety notes.
- This user information shall be available to all users at all times.
- The product shall be operated only by suitably qualified personnel (see Table 1).
- In addition to these instructions for use, all occupational health and safety regulations applicable in the country and environment in which the product is used, as well as all other relevant general regulations, must be strictly observed to ensure safe and proper use.
- Any damage compromising safety shall be repaired immediately.
- Perform all work prudently and with due care.
- Never open a lifting device while it is loaded.
- Never stand or walk beneath a suspended load.
- The specified load capacity shall always be observed.

Qualifications Required for Handling Lifting Devices

Field of Activity	Qualification	Specialist Knowledge
Delivery and Transport	Distributor, Carrier	Proof of Load Securing Training
Storage	Warehouse Personnel	Storage and Retrieval of Technical Equipment
Assembly, Disassembly	Qualified Personnel	Professional Experience in Assembly and Disassembly of Technical Equipment
Operation, Simple Visual Inspection	Qualified Personnel	Trained Crane Operator with Advanced Technical Knowledge, Awareness of Accident Prevention Regulations
Maintenance, Repair, Commissioning	Qualified Personnel, Specialist	Authorized Qualified Personnel with Advanced Technical Knowledge, Knowledge with Occupational Health and Safety Regulations
Disposal	Qualified Personnel	Knowledge of Regulations for Proper Disposal and Recycling

Tab. 1: Overview

4.2 Approved use

- Lifting, lowering, and traversing loads using a trolley. The aluminium gantry crane shall only be used on a level and stable surface.
- The specified load capacity shall always be observed.
- Suitable for operation within temperature ranges from −20 °C to +50 °C.
- Maximum permissible wind speed: < 40 km/h.
- The spacing between the two lateral stands must be selected such that the stability of the aluminium gantry crane is ensured. The beam length between the lateral stands must be at least 1.6 times the beam length extending beyond the lateral stands.

4.3 Non-Approved Use

- Exceeding the maximum load capacity.
- Making structural modifications to the product.
- Standing or walking beneath a suspended load.
- Pulling a load diagonally.
- Forcefully freeing loads that are stuck.
- Dragging loads along the ground.
- Transporting persons or animals.

The above list does not claim to be complete. Any use not explicitly permitted shall be considered non-approved.

5 Technical Data

Description:	Aluminium Gantry Crane
Item Number:	Sample Manual
Serial Number:	
Beam length:	
Load Capacity:	
Year of Manufacture:	

Notes:

Further information can be found using the article number in the enclosed documentation or on our website.

6 General Data

6.1 The following data are engraved on the individual components of the product

Manufacturer Address Label



Nominal Load Label



Example of a SCHILLING Engraving:



Explanation of the Engraving Details:

A: Type
B: Load Capacity
C: Year of Manufacture
D: Total Weight
E: Serial Number

7 Delivery and Transportation

7.1 Scope of Delivery

Immediately check the delivery for completeness against the enclosed delivery note.

You may also use the product overview and parts list to verify that all items have been delivered (see Chapter “Overview of Individual Components”).

If any parts are missing, contact your supplier immediately.

Claims for missing parts cannot be accepted if notification is delayed, especially if the product has already been used.

7.2 Transportation

The product is inspected and properly packaged prior to delivery.

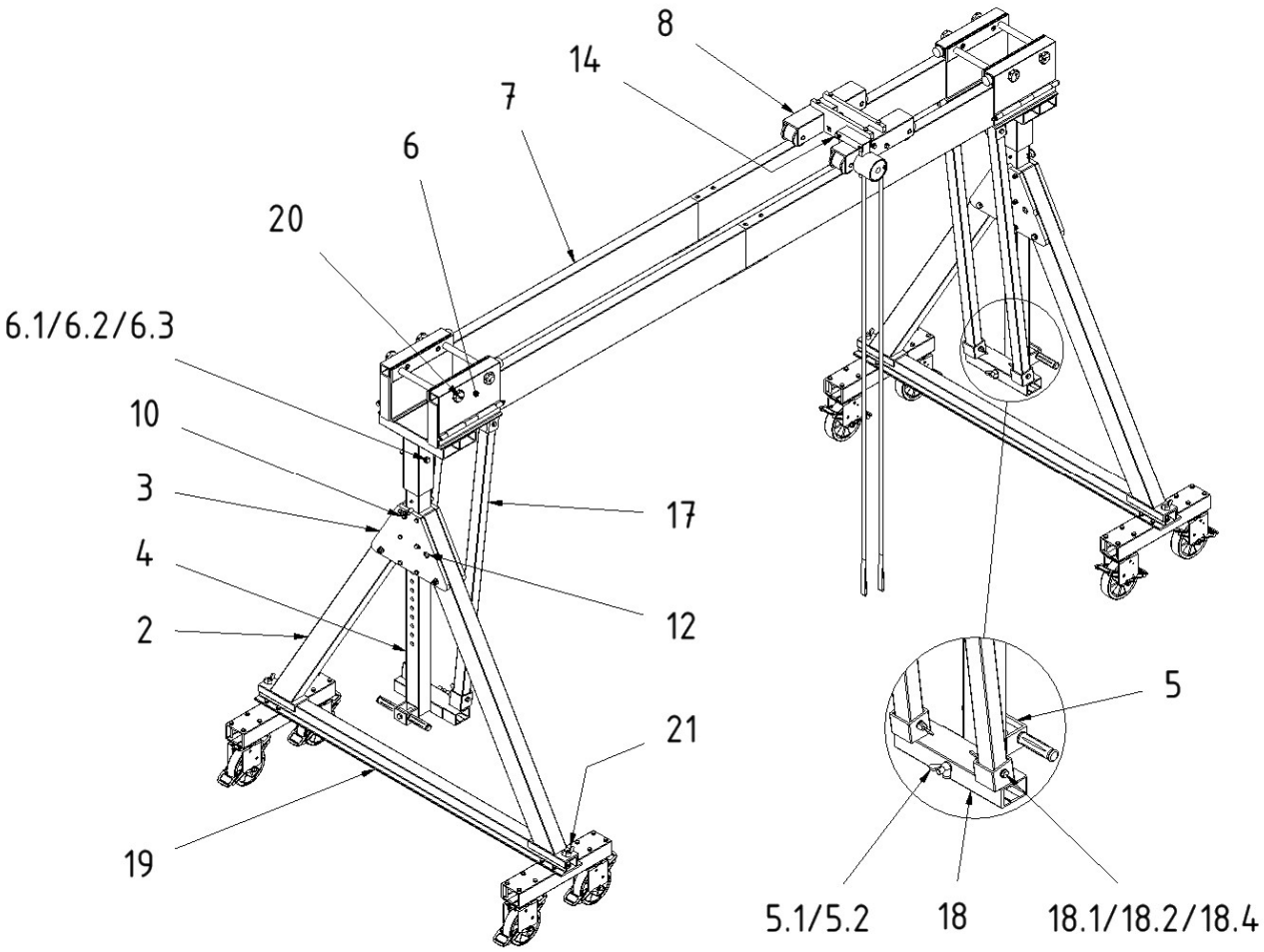
NOTE
Damage to the Product Incorrect transportation may cause damage to the product. - Always transport the product as intended. - Use a suitable means of transport. - Ensure that the product is properly secured during transportation.

7.3 Storage

NOTE

Damage to the Product
Incorrect storage may cause damage to the product.
- Always store the product as intended.
- Store the product in a clean and dry place.
- Protect the product from:
  ○ constant humidity or outdoor storage
  ○ contamination
  ○ physical damage
  ○ corrosion

8 Overview of Individual Components



Parts List

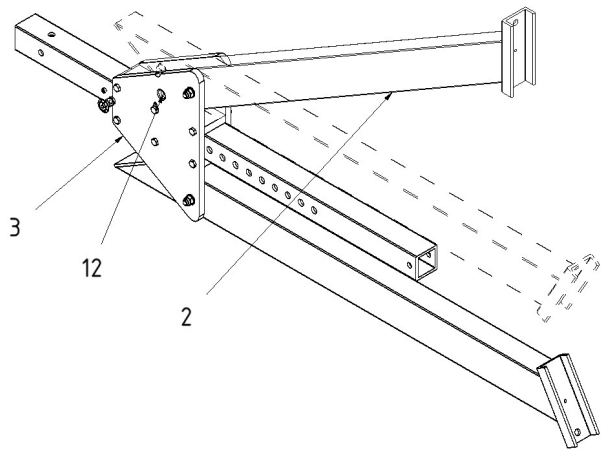
Item	Name	Qty	Item	Name	Qty
2	Stand Brace	4	10	Bolt Ø20 (unlosable) - Beam Support	2
3	Plastic Plate (Trapezium)	2	12	Locking Pin	4
4	Beam Support	2	14	Suspension Bolt for Trolley	1
5	Lifting Handle	2	17	Brace	4
5.1	Washer, 16	2	18	Brace Holder – Beam Support	2
5.2	Wing Nut, M16	2	18.1	Hex Bolt, M12x100	8
6	Horizontal Adjuster	2	18.2	Washer, 12	16
6.1	Hex Bolt, M16x130	2	18.4	Wing Nut, M12	8
6.2	Washer, 16	4	19	Wheel Set	2
6.3	Wing Nut, M16	2	20	Star Knob Screw	8
7	Aluminium Beam	2	21	Wing Nut, M16	4
8	Lockable Trolley	1			

9 Assembly of the Aluminium Gantry Crane

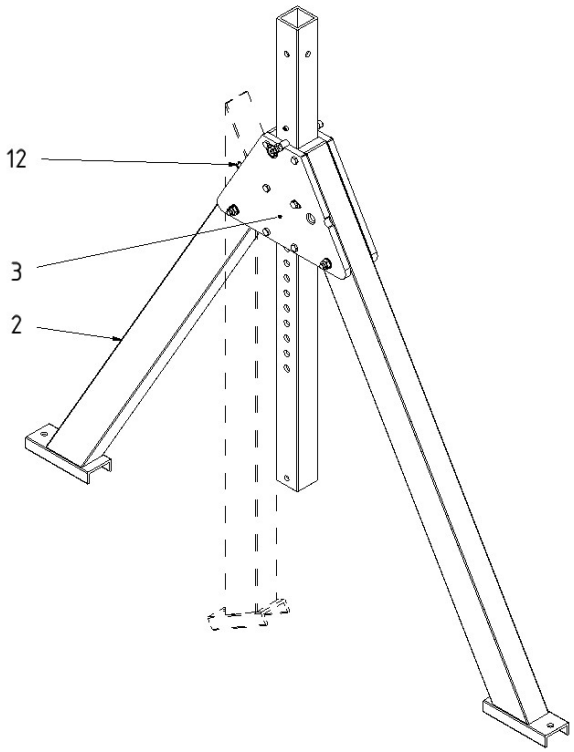
INFO
Recommended Personnel, Tools, and Equipment for Assembling the Aluminium Gantry Crane:
- At least two persons; additional personnel may be required for larger configurations
- Socket wrench or open-end wrench (if necessary); appropriate fastening hardware
- Step ladder or similar access equipment (if necessary); for larger cranes, lifting equipment such as pulley blocks or forklifts
- Individual components may weigh more than 100 kg.

⚠ CAUTION

The aluminium gantry crane contains pinch points that may result in injury.
Carry out assembly with due care and caution.



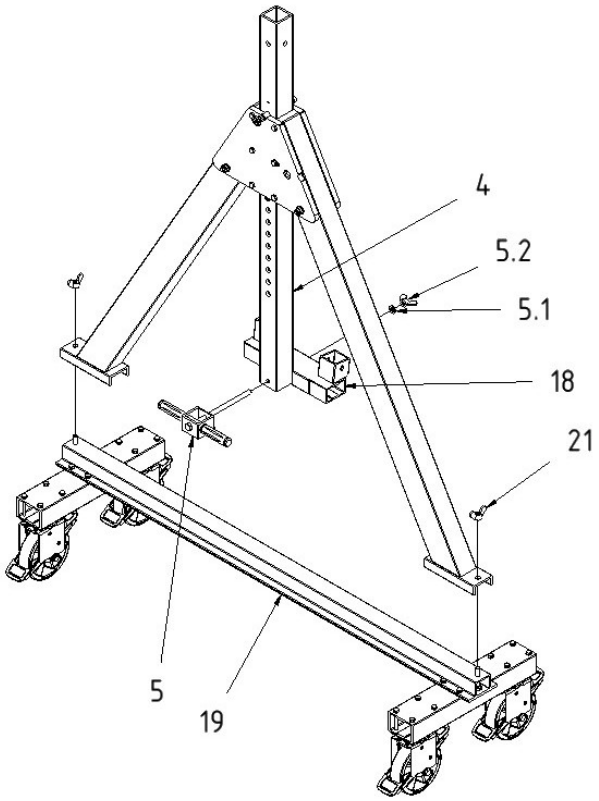
1. Partially unfold the First Lateral Stand:
1.1.
Place the folded lateral stand upright on a level and stable surface.
(Screw heads on the trapezium facing outwards; nuts facing inwards.)
1.2.
Press the locking pin (12) on the upper stand brace (2) of the first lateral stand.
1.3.
Swing the stand brace (2) outward (upwards) until the locking pin (12) engages in the hole in the plastic plate (trapezium) (3).



2. Erect and fully unfold the First Lateral Stand:
2.1.
Lift the lateral stand from the side and erect it completely.
2.2.
Slightly tilt the lateral stand so that the foot of the still folded stand brace (2) is free and can be easily unfolded.
2.3.
Press the locking pin (12) on the yet-to-be-unfolded stand brace (2) of the lateral stand.
2.4.
Swing the stand brace (2) outward (upwards) until the locking pin (12) engages in the hole in the plastic plate (trapezium) (3).

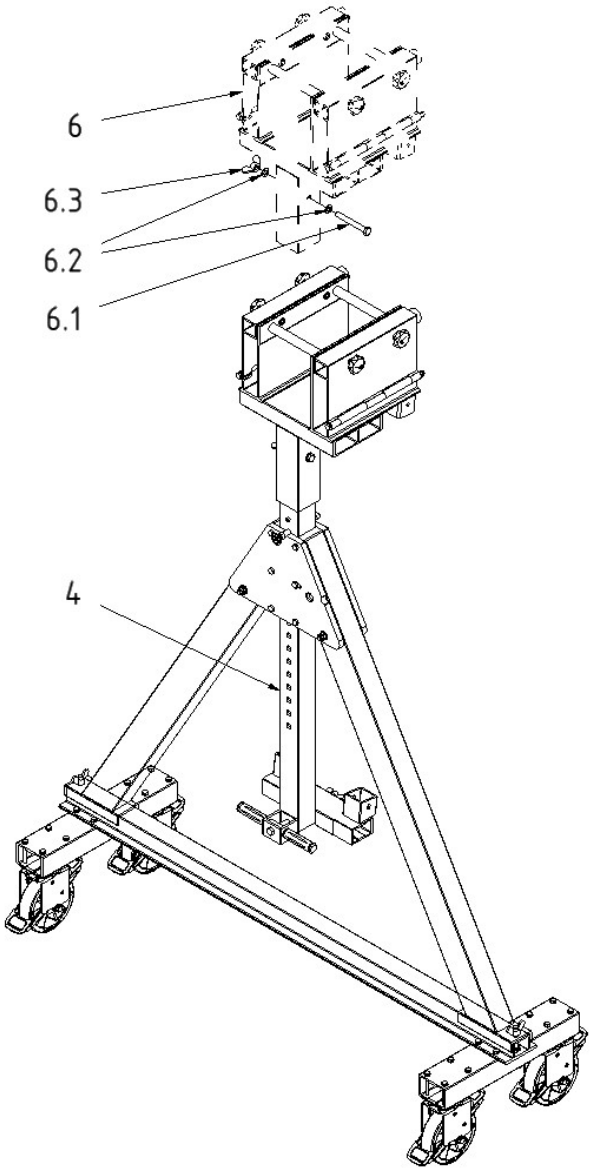
⚠ CAUTION
The aluminium gantry crane contains pinch points that may result in injury. Carry out assembly with due care and caution.

INFO
Lateral Stand with Manual Winch (if ordered)
- This version does not have a lifting handle (5) as described in step 3.2.
- Complete the steps 3.3. - 3.4.
- The hand winch must face outward.



3. Fitting the Wheel Set onto the Lateral Stand:
3.1.
Before fitting the wheel set (19) onto the first lateral stand, ensure that the brakes of the wheel set (19) are engaged.
(The wheel brake is activated using a locking latch.)
3.2.
Attach a brace holder (18) and the lifting handle (5) to the lowest hole of the beam support (4) and secure them with a washer (5.1) and a wing nut (5.2).
3.3.
Lift the lateral stand and place it onto the bolts of the wheel set (19).
3.4.
Secure the wheel set (19) manually using two wing nuts (21).

⚠ CAUTION
The aluminium gantry crane contains pinch points that may result in injury. Carry out assembly with due care and caution.



4. Fitting the Horizontal Adjuster:

4.1.

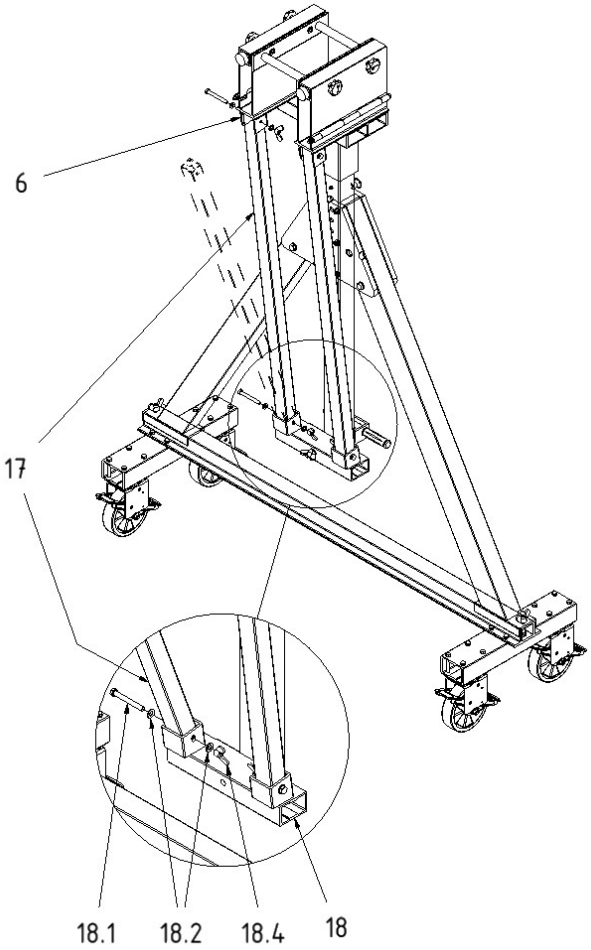
Slide the horizontal adjuster (6) onto the beam support (4).

(Ensure the bump stop faces inward.)

4.2.

Secure the horizontal adjuster (6) onto the beam support (4) using a hex bolt (6.1), two washers (6.2), and a wing nut (6.3).

⚠ CAUTION
The aluminium gantry crane contains pinch points that may result in injury. Carry out assembly with due care and caution.



5. Installing the Braces:

5.1.

Attach the first brace (17) at the lower end to the brace holder (18) using a hex bolt (18.1), two washers (18.2), and a wing nut (18.4).

5.2.

Attach the first brace (17) at the upper end to the brace holder using a hex bolt (18.1), two washers (18.2), and a wing nut (18.4).

(The upper brace holder is welded directly to the horizontal adjuster (6).)

5.3.

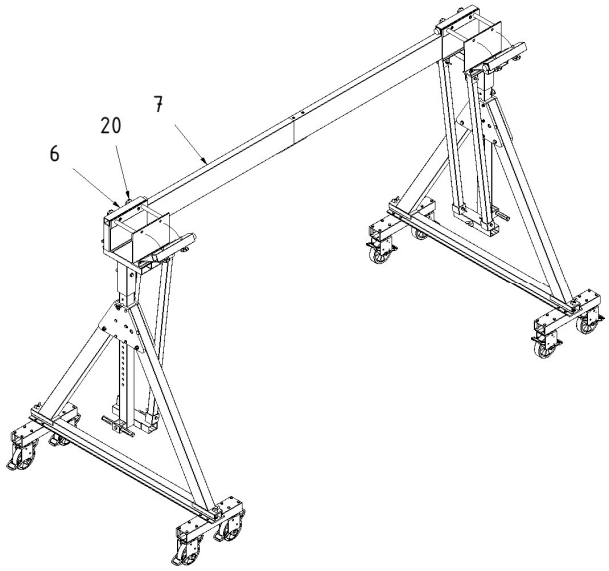
For the second brace (17), repeat steps 5.1 - 5.2.

6. Assembly of the Second Lateral Stand:

6.1.

For the second lateral stand, repeat steps 1 – 5.

⚠ CAUTION
The aluminium gantry crane contains pinch points that may result in injury. Carry out assembly with due care and caution.



7. Insert the Aluminium Beams into the Horizontal Adjusters:

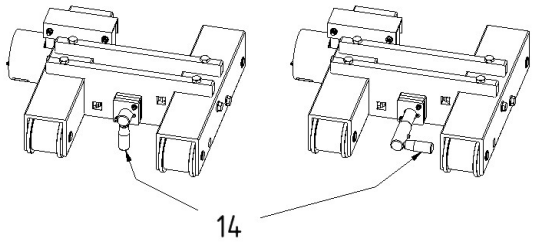
7.1.
Open the horizontal adjuster (6) using the blue star knob screws (20).

7.2.
Lift the first aluminium beam (7) at both ends.
Use a step ladder if necessary.
Insert the aluminium beam (7) into the open horizontal adjusters (6).

7.3.
Close the lid of the horizontal adjusters (6).

7.4.
Securely clamp the aluminium beam (7) in the horizontal adjusters (6) by tightening the blue star knob screws (20).

7.5.
For the second aluminium beam (7), repeat steps 7.2. – 7.4.



8. Placing the Trolley on the Aluminium Beams:

8.1.
Place the trolley (8) onto both aluminium beams (7).

8.2.
Rotate the handle of the suspension bolt (14) upwards by 90° and then remove the suspension bolt (14).

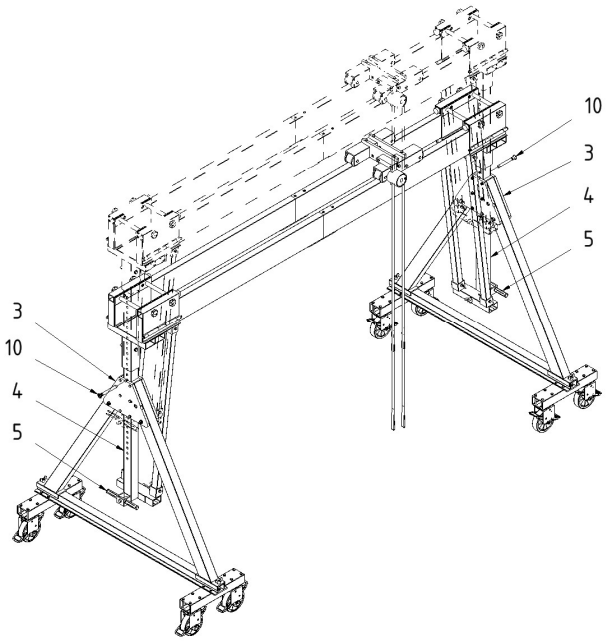
8.3.
Position your lifting device between the guidance plates of the trolley (8).

8.4.
Reinsert the suspension bolt (14) into the recess and rotate the handle of the suspension bolt (14) downwards.

8.5.
Secure the trolley (8) against unintended rolling by pulling firmly on the red belt.

⚠ CAUTION
The aluminium gantry crane contains pinch points that may result in injury. Carry out assembly with due care and caution.

INFO
Lateral Stand with Manual Winch (if ordered)
- Height adjustment must be performed according to the separate user manual provided.



9. Height Adjustment of the Aluminum Gantry Crane:

9.1. Using the Lifting Handle

Remove the two bolts (10) from the beam supports (4).

Simultaneously lift the two beam supports (4) with the lifting handles (5) and secure the required height with the bolts (10).

(Caution:
After adjusting the height, ensure that only the steel portion of the bolt (10) rests in the groove of the plastic plates (trapezium) (3), and not the plastic handle.)

9.2. Using the Manual Winch

Height adjustment must be performed according to the separate user manual provided.

(Caution:
Before applying any load to the crane, ensure that the bolts (10) are correctly seated in the grooves of the plastic plates (trapezium) (3), and that the rope of the winch is not under tension.)



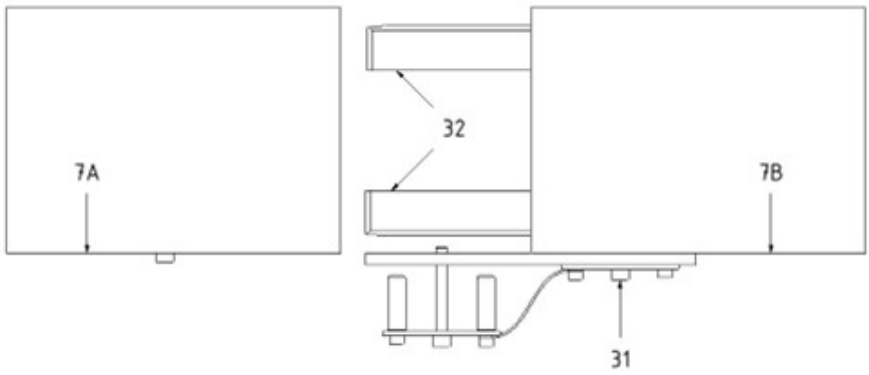
- The Aluminum Gantry Crane is now fully assembled.
- To disassemble, follow the assembly steps in reverse order.

10 Assembly of the Separable Beam Variant

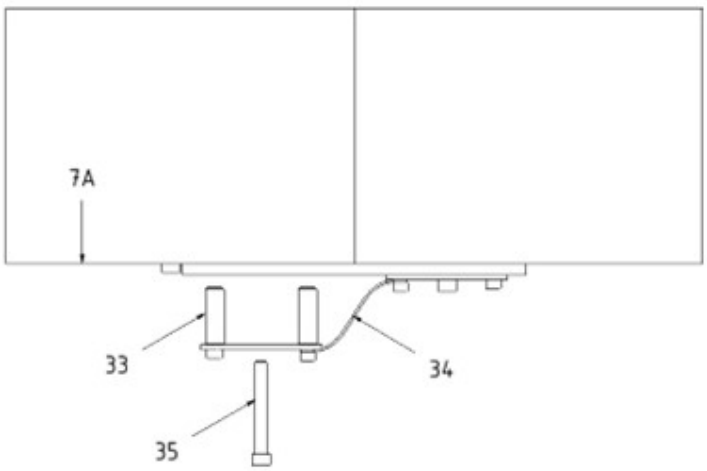
INFO
Recommended Personnel, Tools, and Equipment for Assembling Separable Aluminium Beam:
- M10 Allen Key

The following illustrations describe the assembly of the separable aluminium beams.
Disassembly is carried out in the reverse order.

Step 1: Loosen the socket head cap screw (31) so that the lower connecting element (32) is slightly free, allowing the aluminium beam (7B) to be more easily connected to the aluminium beam (7A).



Step 2: Insert the fixing element (33), which is secured by a safety cable (34) to prevent loss, into the holes of the aluminium beam (7A) and fasten it using the socket head cap screw (35).



Step 3: Tighten the socket head cap screws (31 and 35).

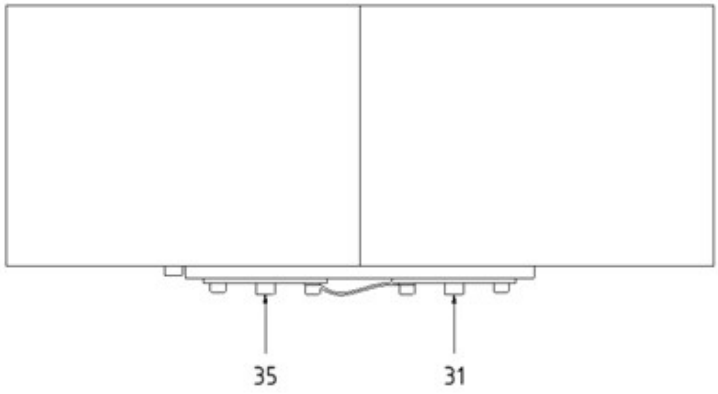
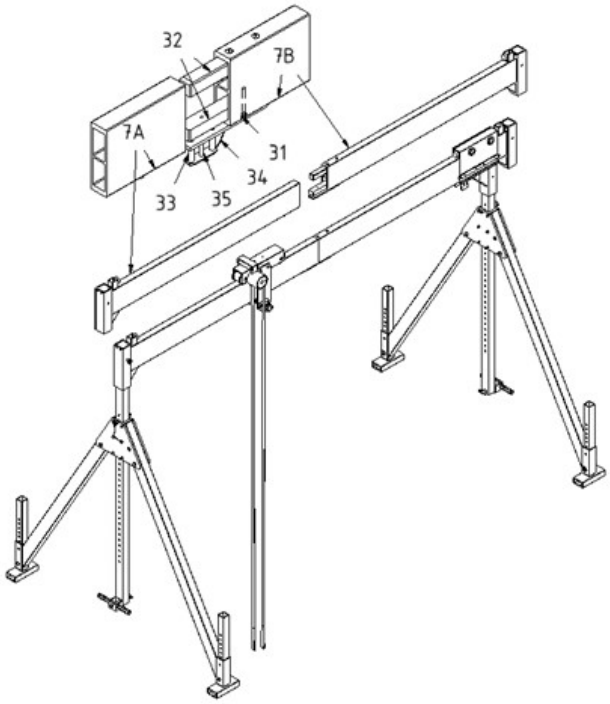


Figure (for illustration purposes only):



Parts List

Item	Name	Qty	Item	Name	Qty
31	Socket Head Cap Screw, M10	1	34	Safety Cable	1
32	Connecting Element	2	35	Socket Head Cap Screw, M10	1
33	Fixing Element	1			

11 Commissioning

11.1 Pre-Commissioning Inspections

Inspection and testing of the aluminium gantry crane are required prior to commissioning to ensure that it has been fully and correctly assembled.
In addition, this verifies that the crane is in proper working condition and ready for its intended use.

⚠ WARNING
Failure to carry out prior inspection may result in injuries during commissioning. Inspect the aluminium gantry crane as follows: - Visual inspection - Functional test

11.2 Visual Inspection, Functional Test

Visual Inspection

The aluminium gantry crane must be inspected prior to each commissioning.

⚠ CAUTION
The aluminium gantry crane contains pinch points that may result in injury. Carry out all inspections on the aluminium gantry crane with due care and caution.

1. The aluminium beam must be aligned horizontally.
2. The beam supports of the lateral stands must be aligned vertically.
3. Prior to loading the aluminium gantry crane, all locking bolts and screws must be inserted and, where required, secured with wing nuts.
4. The push bolts must be snapped into the plastic plates (trapezium).
5. Load-bearing components must be checked for damage and weld seams in particular.
6. In case of defects, operation must be stopped. Any defects must be rectified by a qualified specialist.

Functional Test

The aluminium gantry crane must be inspected prior to each commissioning.

⚠ WARNING
Deformation or wear of individual components may result in load drop. The aluminium gantry crane shall be immediately taken out of service. Inspection shall be carried out by a qualified expert.

1. Check that the brake on the trolley is functioning (green > open / red > closed).
2. Verify the extent to which the individual components remain functional.
3. If in doubt, replace individual components.
4. Verify that all movable parts move freely.
5. Replace any parts that do not move freely.

6. If the aluminium gantry crane is no longer functional and irreparably damaged, take it out of service by appropriate labelling.
7. Dispose of the individual material components properly.

12 Operation

Once the aluminium gantry crane has been properly assembled and commissioned, it may be used for its intended purpose.

⚠ CAUTION
The aluminium gantry crane contains pinch points that may result in injury. Carry out operation with due care and caution.

⚠ WARNING
Various hazardous situations may occur when using the aluminium gantry crane. - If the trolley brake is not engaged and the aluminium beam has a slight incline, the trolley may move unexpectedly. - Improper operation during adjustment of the beam supports may result in injury. - The aluminium gantry crane shall only be used on a level and stable surface. - The spacing between the two lateral stands must be selected such that the stability of the aluminium gantry crane is ensured. The beam length between the lateral stands must be at least 1.6 times the beam length extending beyond the lateral stands. - If cracks are detected in weld seams, a load-bearing component may fail, causing the load to drop and potentially resulting in serious injury.

⚠ DANGER
- -The maximum load capacity must never be exceeded. - Personnel must never stand or walk beneath a suspended load. - Holding onto the aluminium beam during operation is prohibited. - When securing persons, the relevant instructions must be observed. - Slack rope formation and potential swinging motions must be strictly avoided.

The aluminium gantry crane is used for lifting, lowering, and traversing loads using a trolley.
The trolley may be used as an anchor point for personal fall protection in accordance with EN795:2012.

13 Maintenance

The product is essentially maintenance-free.

13.1 Maintenance Plan

Maintenance Date	Action
Prior to commissioning	Visual and functional inspection by qualified personnel
Before each use after commissioning (provided no abnormal incidents have occurred)	Visual inspection by qualified personnel
Annually	Visual inspection, functional test, and load test by a qualified expert.

Concentrated acids or alkalis must not be used for cleaning, especially on non-metallic components. Cleaning agents containing solvents must also not be used.

13.2 Visual Inspection, Functional Test, and Load Test

Visual Inspection

See chapter “Commissioning” ➔ Visual inspection

Functional Test

See chapter “Commissioning” ➔ Functional test

Load testing in accordance with the relevant regulations

A load test shall be carried out on the product at least annually, and immediately in the event of any modifications or after maintenance or repair work.

⚠ WARNING
The operator of the product is obligated to comply with the applicable statutory regulations. Arrange for a proper inspection to be carried out by a qualified expert.

- The operator of the product shall ensure that the product is inspected by a qualified expert at intervals not exceeding one year, and that any defects identified during inspection are rectified immediately.
- The provisions of DGUV Regulation 52 (BGV D6) – Accident Prevention Regulations for Cranes shall be observed.

13.3 Inspection Report/ Periodic Inspection

The date of the next due inspection shall be recorded.
The inspection interval shall not exceed one year.
When the system is used for personal fall protection, we recommend inspections every six months, or more frequently in case of intensive use or appropriate environmental conditions.

Manufacturer:	SCHILLING Kran- und Hebetechnik GmbH – http://www.schilling-fn.de Ernst-Zimmermann-Str. 9-11 88045 Friedrichshafen
Product:	Aluminium Gantry Crane
Load Capacity:	
Item Number:	Sample Manual
Serial Number:	
Year of Manufacture:	

1.)	Inspection prior to delivery with 1.25 × the rated load. The visual and functional inspection of the product and its components has been carried out. The product has been designed, engineered, and manufactured in accordance with the state of the art.	
	Date: Dispatch date (see delivery note)	Signature of the owner/manufacturer

2.)	Commissioning inspection/ Start of operation The inspection has been carried out.	
	Date:	Signature of the qualified expert

3.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out.	
	Date:	Signature of the qualified expert

4.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out.	
	Date:	Signature of the qualified expert

5.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

6.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

7.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

8.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

9.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

10.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

11.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

12.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

13.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

14.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

15.)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

16)	Due date of the next periodic inspection	Date:
	Periodic inspection The inspection has been carried out. Date:	Signature of the qualified expert

Continue the list as necessary.

13.4 Checklist for Inspection

Inspection template for duplication. File the completed copy together with the documentation.

Product:	Aluminium Gantry Crane
Load Capacity:	
Part Number:	Sample Manual
Serial Number:	
Year of Manufacture:	
Manufacturer:	SCHILLING Kran- und Hebetechnik GmbH – http://www.schilling-fn.de Ernst-Zimmermann-Straße 9-11 – 88045 Friedrichshafen

Inspection notes for existing components. No claim of completeness.

ok	not ok	not relevant	**Inspection result ok, components in proper condition?** **The list may/must be extended accordingly.**
			General condition in good order
			Function and condition of chassis, wheels, bearings, brakes?
			Load-bearing profiles, beams, struts free of cracks, without any relevant damage?
			Bolted and plug-in connections tight and in good condition? Holes not elongated or worn?
			Plastic components free of relevant cracks? No embrittlement?
			Trolleys free of cracks, rollers and bearings in good condition, brake function ensured?
			Chains, ropes, straps free of visible damage?
			Electrical components in good condition; where required, VDE tests carried out?
			Documentation available; labels and markings present and legible?
			Load test carried out? Rated load applied for 10 minutes, no permanent deformation?

If any defects are present, they must be rectified by the manufacturer or a qualified company using original spare parts. The defects have been properly rectified and the product is ready for use.

Date and signature of the operations manager

The product is free of defects and may be used until the next inspection.

Date and signature of the inspecting qualified expert

14 Disassembly and Disposal

As the manufacturer, we are legally required to inform you not to dispose of the product as unsorted waste. It must be disposed of separately via collection or return points for industrial and commercial waste.

Therefore, the product must be disassembled into its individual components.

14.1 Disassembly

⚠ CAUTION
Disassembling the product on unstable surfaces or using unsuitable tools may result in injury.

1. The assembled product must be disassembled in the reverse order of assembly, as described in this documentation.
2. The individual assemblies of the product must then be disassembled using suitable tools.

14.2 Disposal



INFORMATION FOR DISPOSAL
If the product is no longer functional or cannot be repaired, it must be disposed of in accordance with applicable regulations.

The product consists of several different material components, which must be disposed of separately:

- Dispose of aluminium components as scrap aluminium.
- Dispose of metal components as scrap metal.
- Dispose of plastic components as scrap plastic.
- Dispose of electrical components as electrical scrap (for example, when using an electric chain hoist).

Disposal of Packaging Material



INFORMATION FOR DISPOSAL
Packaging material must be properly disposed of or recycled.

15 Service

15.1 Contact

For service matters or all other enquiries, contact your supplier.

15.2 Spare Parts Ordering or Reordering Process



INFO
Use the overview and table in Chapter “Overview of Individual Components” to correctly identify the required component, and provide this information to your supplier.

1. Determine the serial number of your product. The serial number can be found in this user information in Chapter “Technical Data” and is also engraved on the product.
2. Determine the year of manufacture of the product. The year of manufacture can be found in this user information in Chapter “Technical Data” and is also engraved on the product.
3. Refer to the overview in Chapter “Overview of Individual Components” and mark the relevant component or assembly
4. Contact your supplier directly, providing the collected information and any additional details.