



VINCA
EQUIPOS INDUSTRIALES



Lightweight Portable Gantry

Model Gantry ALU PLUS

https://vinca.es/pdf/19.2_portico-ligero-alu-plus_en.pdf

Model Gantry ALU PLUS



COMPACT GANTRY CRANE **KSB**



UP TO
500kg
EN 13001
EN 15011



FALL PROTECTION
FOR 2 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 2,1m to 3m
BEAM LENGTH: 2m to 6m

[Compact Gantry Crane.....6](#)

COMPACT GANTRY CRANE **KSB-LE**



UP TO
500kg
EN 13001
EN 15011



FALL PROTECTION
FOR 2 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 1,9m to 3m
BEAM LENGTH: 2m to 6m

[Compact Gantry Crane.....14](#)

COMPACT FOLDING GANTRY CRANE **FSB**



UP TO
500kg
EN 13001
EN 15011



FALL PROTECTION
FOR 2 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 1,9m to 3,1m
BEAM LENGTH: 2m to 6m

[Compact Folding Gantry Crane22](#)

ALUMINIUM GANTRY CRANE **ASB**



1500kg to
3500kg
EN 13001
EN 15011



FALL PROTECTION
FOR 5 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 1,6m to 6,4m
BEAM LENGTH: 2m to 7m

[Aluminium Gantry Crane.....37](#)

LIGHT GANTRY CRANE **LSB**



500kg to
2000kg
EN 13001
EN 15011



FALL PROTECTION
FOR 3 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 1,6m to 6,4m
BEAM LENGTH: 2m to 7m

[Light Gantry Crane.....46](#)

HEAVY-DUTY GANTRY CRANE **HSB**



3000kg to
5000kg
EN 13001
EN 15011



FALL PROTECTION
FOR 5 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 2,6m to 5,7m
BEAM LENGTH: 2m to 7m

[Heavy-duty Gantry Crane.....60](#)

GANTRY CRANE **BAS**



1500kg to
3500kg
EN 13001
EN 15011



FALL PROTECTION
FOR 5 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 1,6m to 6,4m
BEAM LENGTH: 2m to 7m

[Gangry Crane.....66](#)

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Model Gantry ALU PLUS

Beam, lower catch:
Central catch:
Pins:

aluminium
galvanized, powder-coated steel
zinc-anodized steel

LIGHT
ALUMINIUM
LIFTING BEAM

TRA

[Light Aluminium Lifting Beam76](#)

Beam, lower catch:
Central catch:
Pins:

aluminium
galvanized, powder-coated steel
zinc-anodized steel

HEAVY
ALUMINIUM
LIFTING
BEAM

TRB

[Heavy Aluminium Lifting Beam78](#)

MODULAR
ALUMINIUM
CROSS-BEAM

TRD

[Modular Aluminium Cross-Beam80](#)

ONE-PIECE
ALUMINIUM
EXPANSION
BEAM

TRO

[One-piece Aluminium Expansion Beam82](#)

MOBILE HOME
LIFTING
BEAM

TRM

[Mobile Home Lifting Beam84](#)

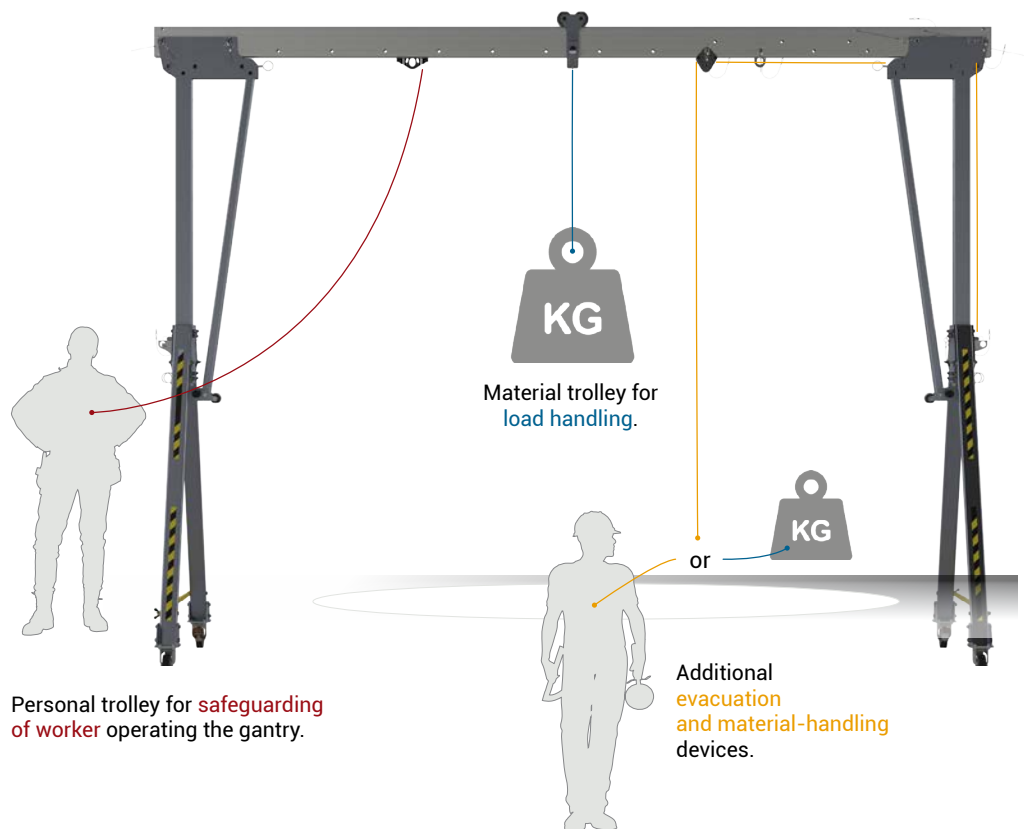
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Model Gantry ALU PLUS

Gantry comprises BEAM and set of 2 SUPPORTS.

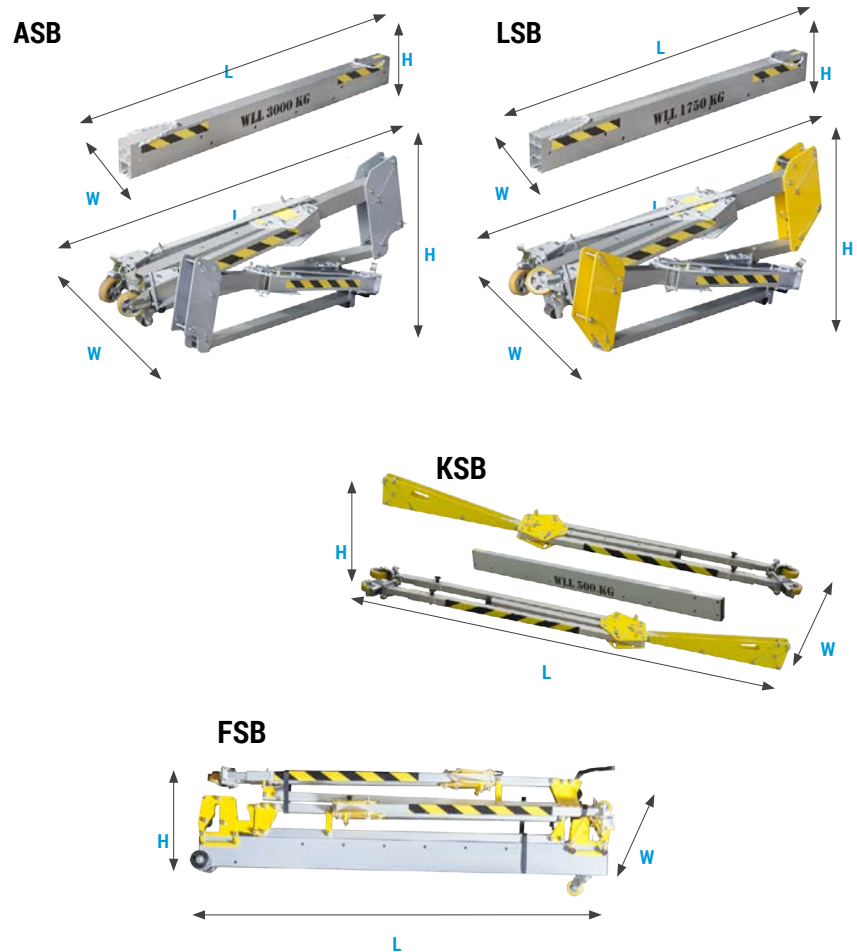


Gantry can be used for **load handling**, **safeguarding of workers** and **evacuation of workers**.



Model Gantry ALU PLUS

Dimension folded gantries



GANTRY CRANES PREPARED FOR TRANSPORTATION

Gantry cranes ASB / LSB / KSB - transport dimensions			
	length (cm) „L”	width (cm) „W”	height (cm) „H”
2 supports - set A1 (ASB), E1 (LSB)	190	80	75
2 supports - set B1 (ASB), F1 (LSB)	295	80	75
2 supports - set C1 (ASB), G1 (LSB)	370	115	75
beam 2 m	210	15	75
beam 3 m	310	15	75
beam 4 m	410	15	75
beam 5 m	510	15	75
beam 6 m	610	15	75
beam 7 m	710	15	75
KSB and FSB - beam 2 m	205	40	40
KSB and FSB - beam 3 m	305	40	40
KSB and FSB - beam 4 m	405	40	40

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KSB

Model Gantry ALU PLUS

KSB: Compact gantry.



COMPACT
GANTRY
CRANE

KSB



UP TO
500kg

EN 13001
EN 15011



FALL PROTECTION
FOR 2 USERS

EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT:
BEAM LENGTH:

2,1m to 3m
2m to 6m

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Model Gantry ALU PLUS

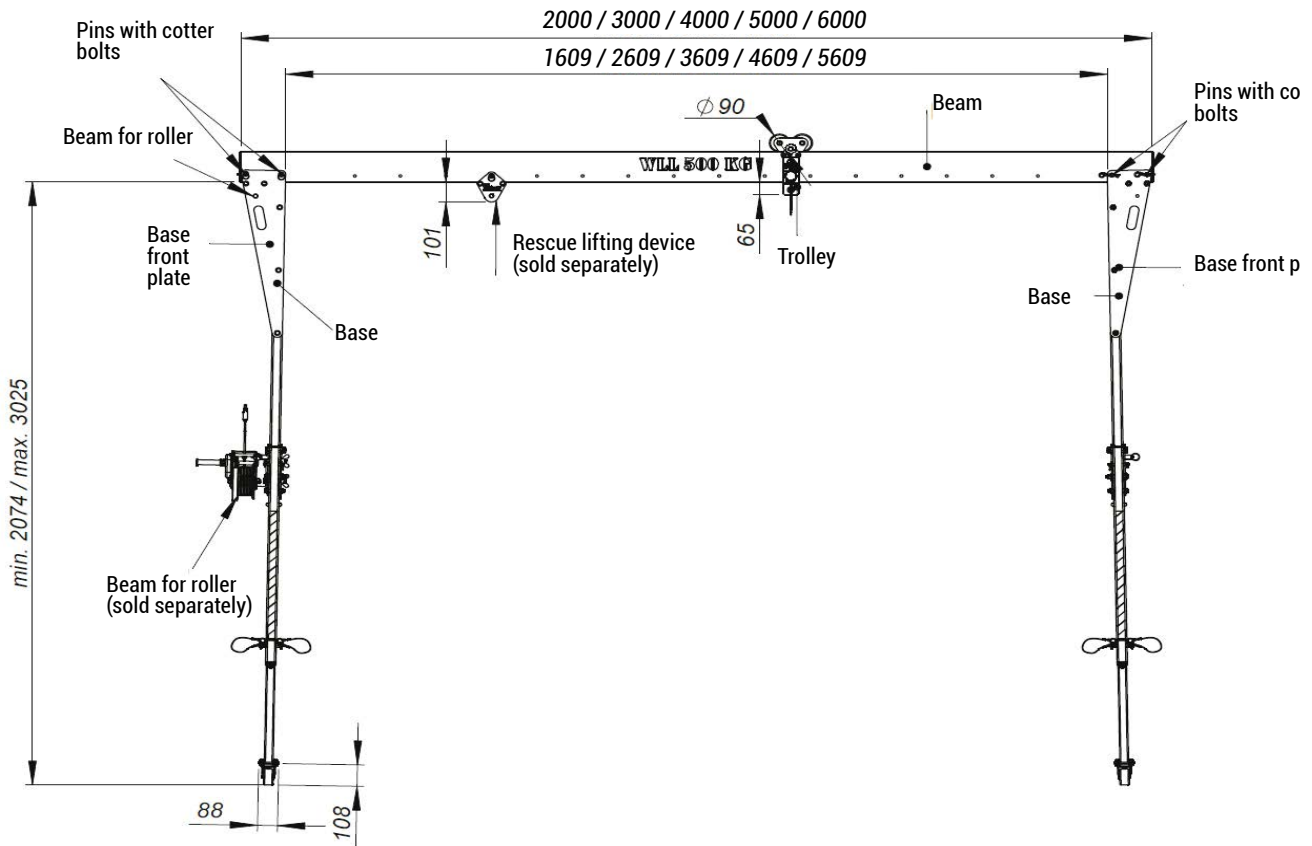
KSB

Overview



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Technical data



Compact gantry KSB comprises a beam and two detachable supports fixed by pins with cotter bolts and trolley.

1. Beams

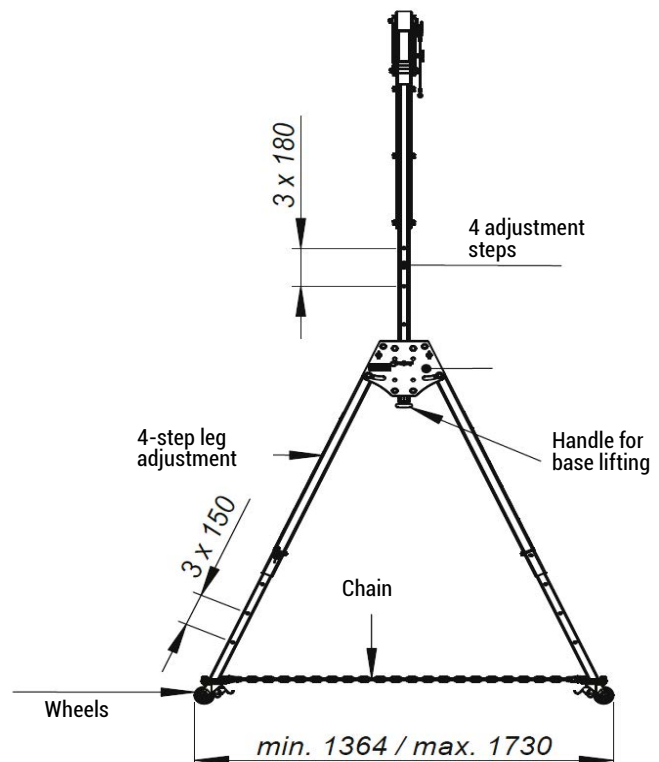
ref. no. KSB200-001 - 2-meter beam
 ref. no. KSB300-001 - 3-meter beam
 ref. no. KSB400-001 - 4-meter beam
 ref. no. KSB500-001 - 5-meter beam
 ref. no. KSB600-001 - 6-meter beam

2. Supports

K1 - one support type available (height: 2.1 - 3.0 mm)
 with set of swivel wheels with brake, dia. 80mm

3. Trolley

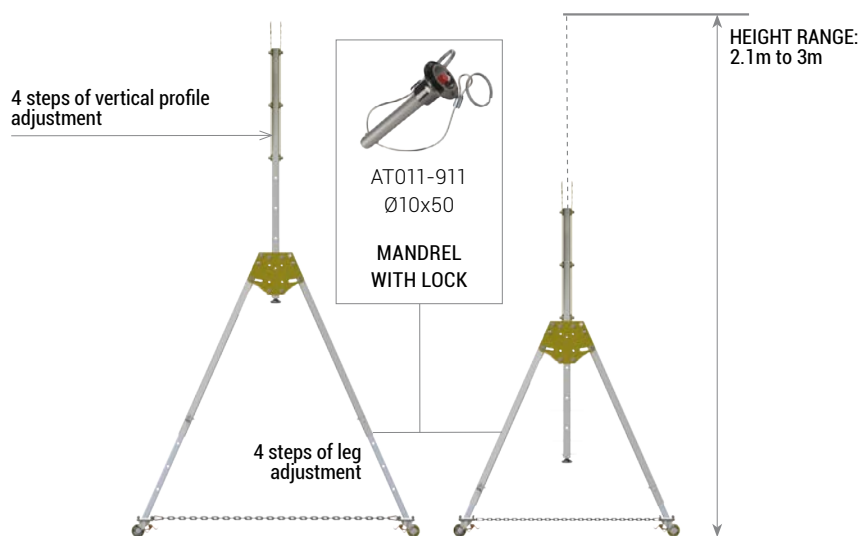
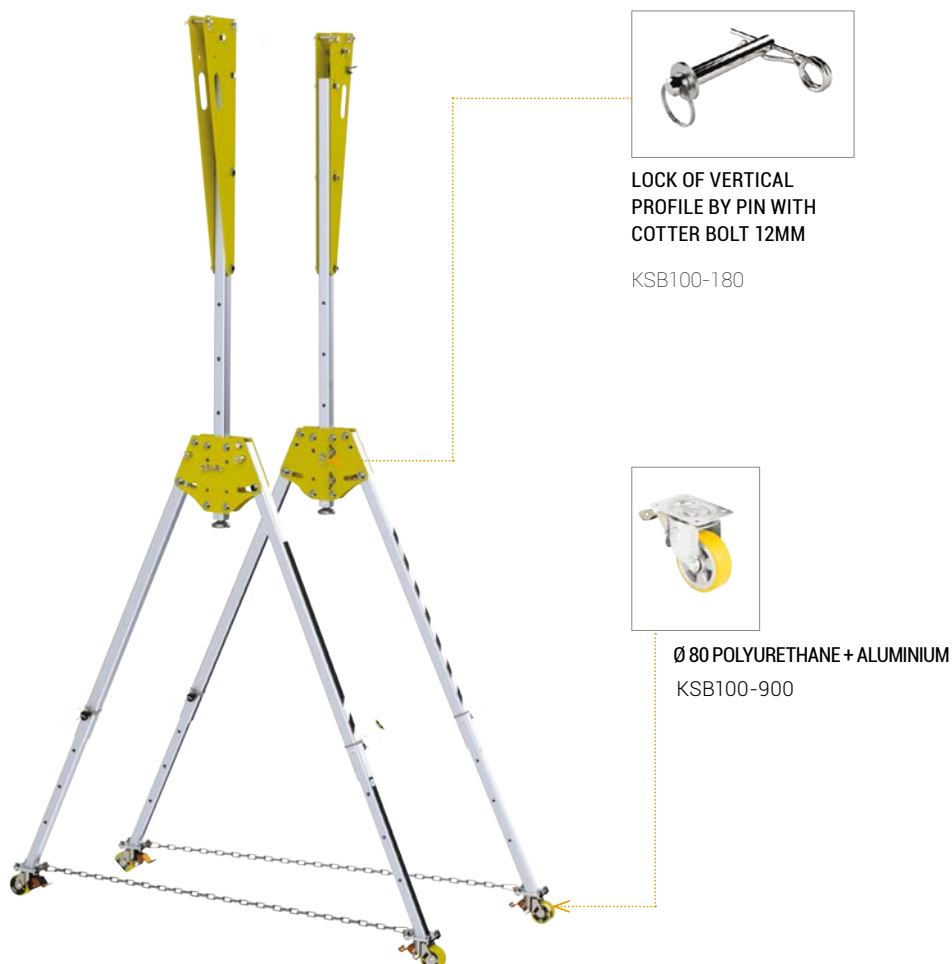
ref. no. KSB100-350-000
 Made of aluminium alloy, stainless steel and polyamide parts. Trolley can be locked using knob by positioning on the beam.



Model Gantry ALU PLUS

KSB

Supports

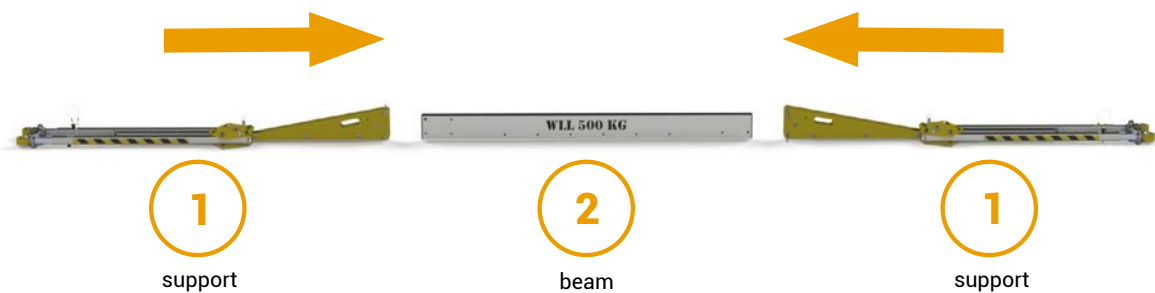


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Unfolding

1

Gantry parts prepared for assembly.
Deploy bases.



2

Move base legs apart.



3

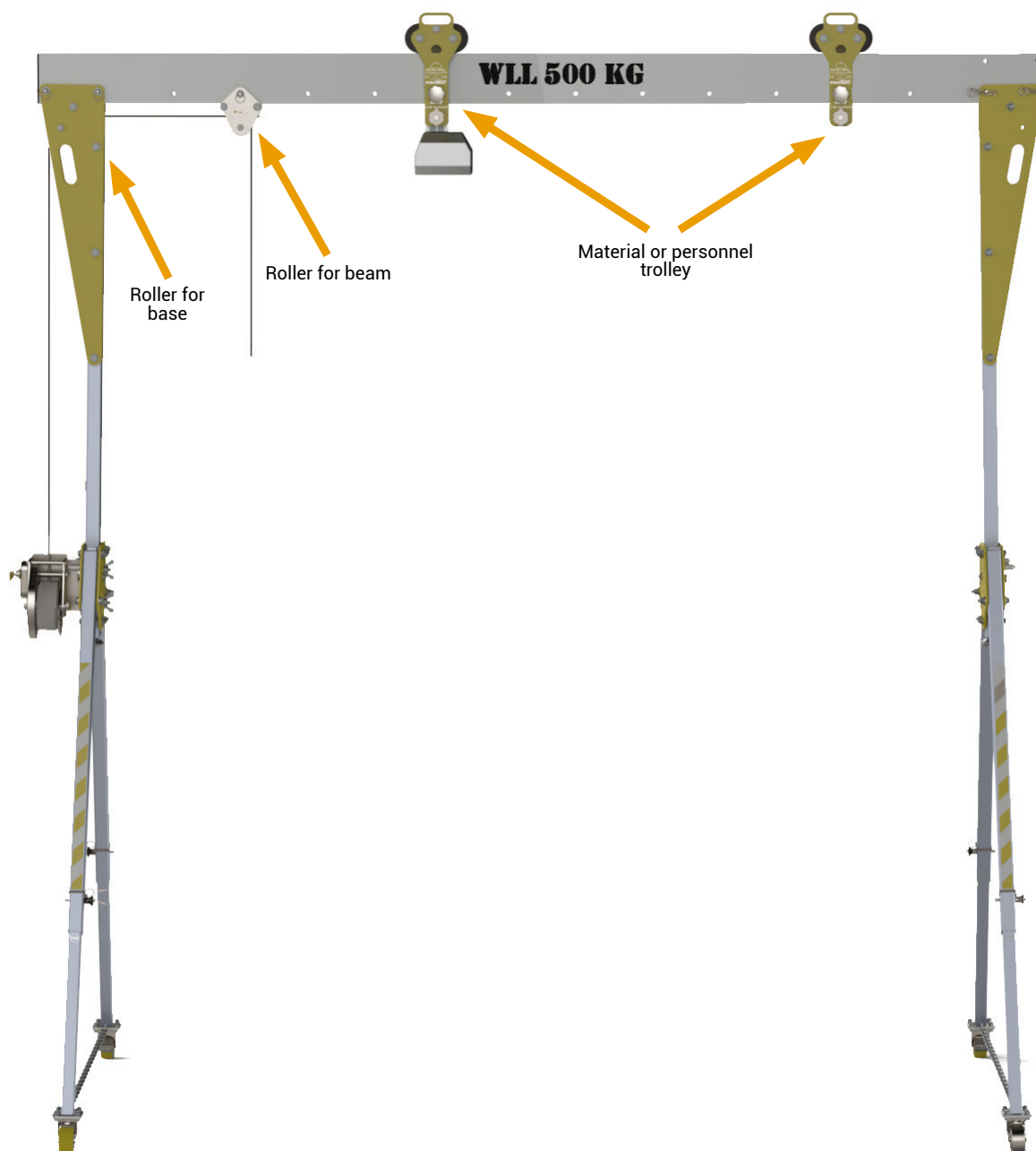
Place gantry legs by locking with the other pin.



Installing accessories

4

Mount additional accessories.



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Gantry unfolding



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Model Gantry ALU PLUS

KSB

Gantry unfolding



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KSB-LE

Model Gantry ALU PLUS

KSB-LE: Compact gantry.



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COMPACT
GANTRY
CRANE

KSB-LE



UP TO
500kg

EN 13001
EN 15011



FALL PROTECTION
FOR 2 USERS

EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT:
BEAM LENGTH:

1,9m to 3m
2m to 6m

Model Gantry ALU PLUS

KSB-LE

Overview

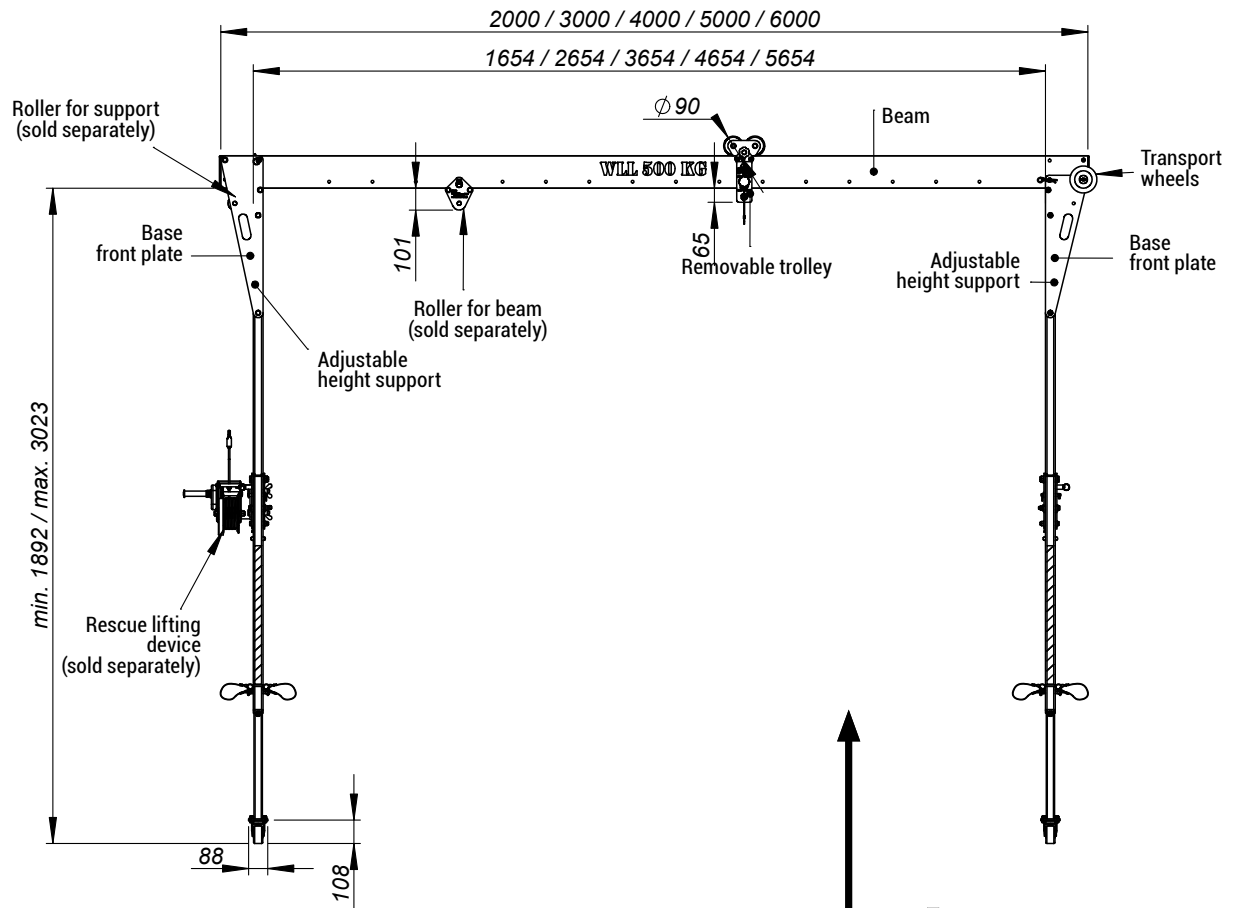


DUE TO EUROPEAN PATENT RESTRICTIONS, THE PRODUCT IS NOT AVAILABLE IN THE FOLLOWING COUNTRIES:

Albania, Switzerland, Cyprus, Germany, France, Great Britain, Hungary, Ireland, Liechtenstein, Luxembourg, Monaco, Macedonia, Malta, The Netherlands, San Marino, Turkey.

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Technical data



Compact gantry KSB-LE comprises beam and two fixed supports. Thus transport of the device is facilitated and no additional tools are required for its deployment

1. Beams

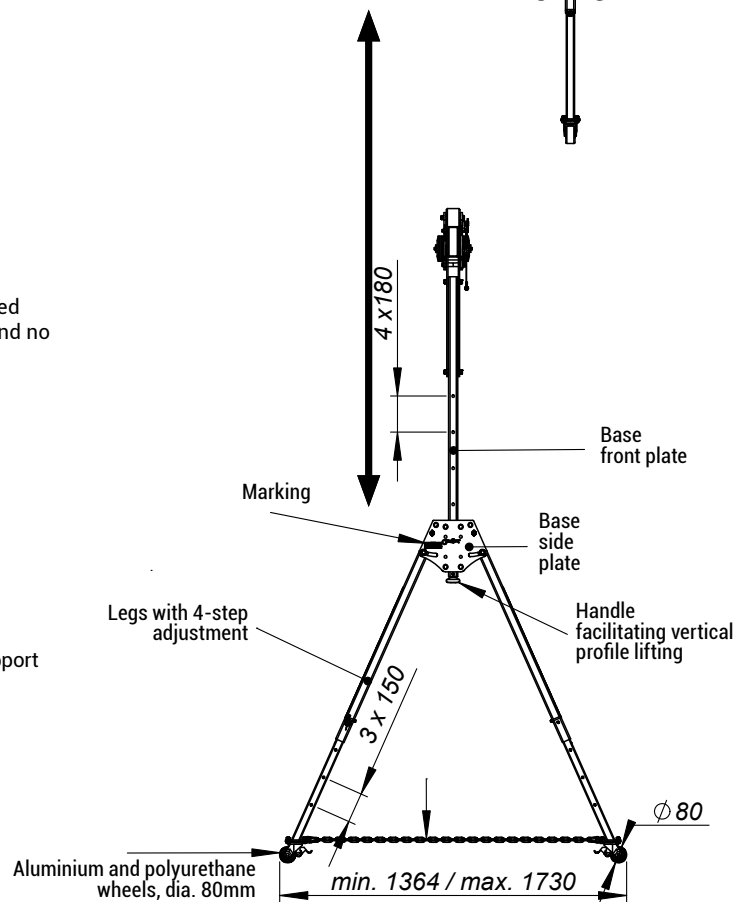
ref. no. KSB200-001 - 2-meter beam
 ref. no. KSB300-001 - 3-meter beam
 ref. no. KSB400-001 - 4-meter beam
 ref. no. KSB500-001 - 5-meter beam
 ref. no. KSB600-001 - 6-meter beam

2. Supports

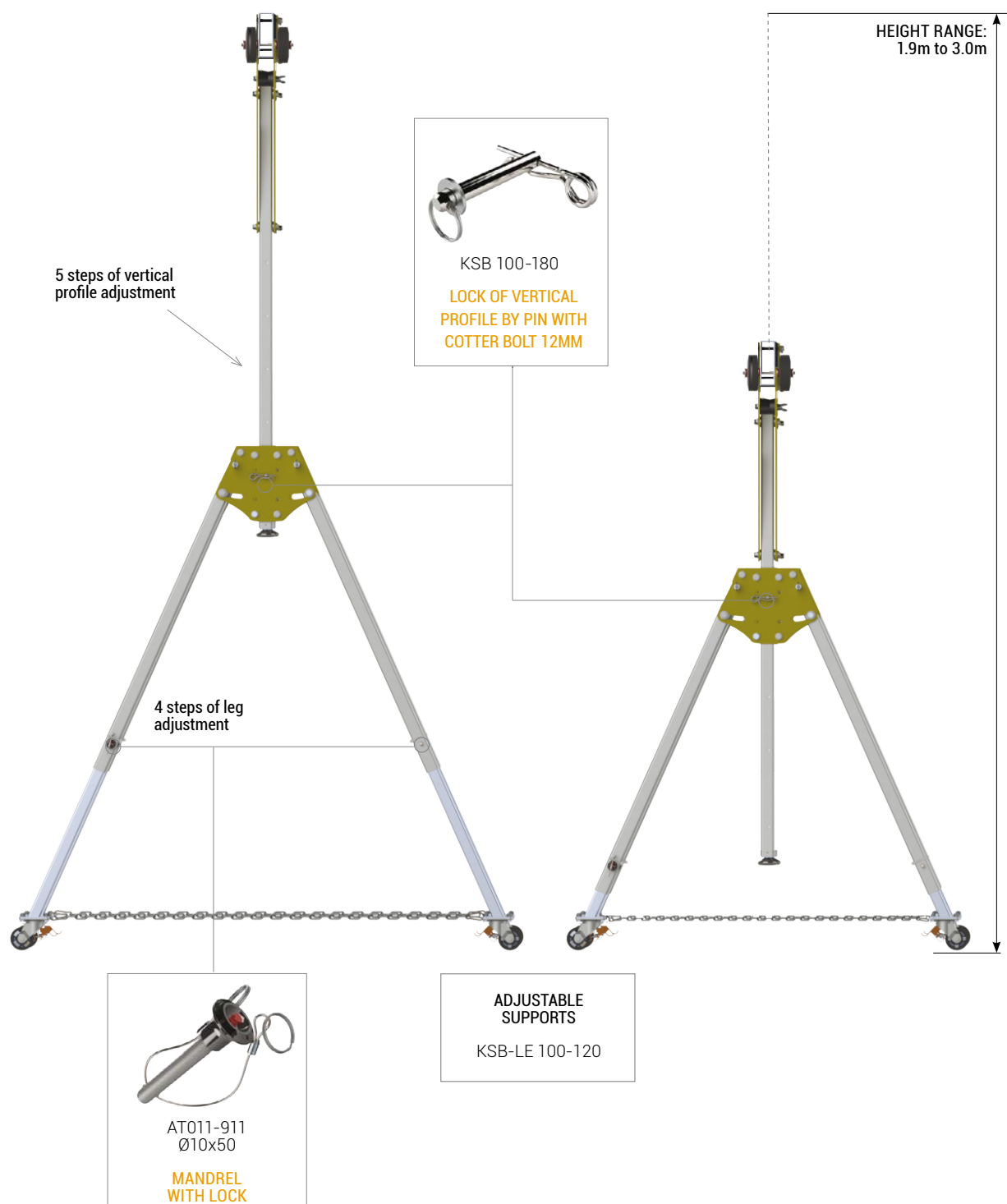
Height: 2.1 - 3.0 mm, permanently fixed to beam. The support is fitted with a kit of swivel wheel with brake, dia. 80mm.

3. Trolley

ref. no. KSB100-350-000
 Made of aluminium alloy, stainless steel and polyamide parts. Trolley can be locked using knob by positioning on the beam.



Supports - height adjustment



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Unfolding

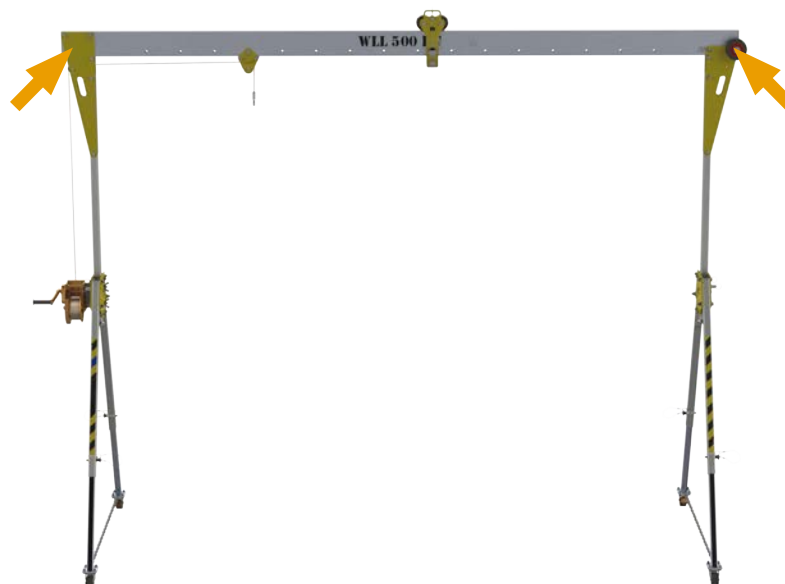
- 1 Folded gantry KSB - LE.
Deploy bases.



- 2 Move base legs apart.



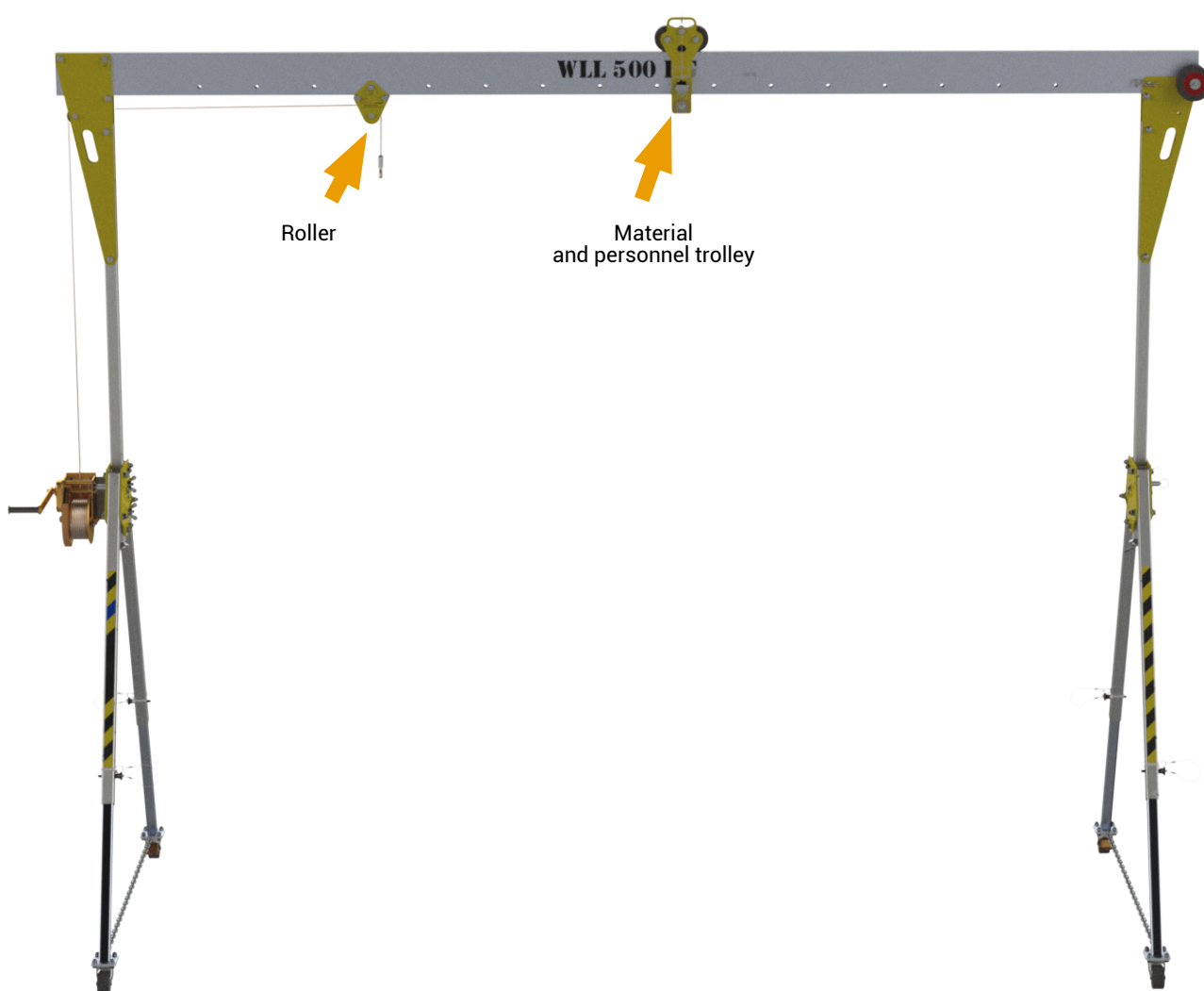
- 3 Place gantry legs by locking with pin.



Installing accessories

4

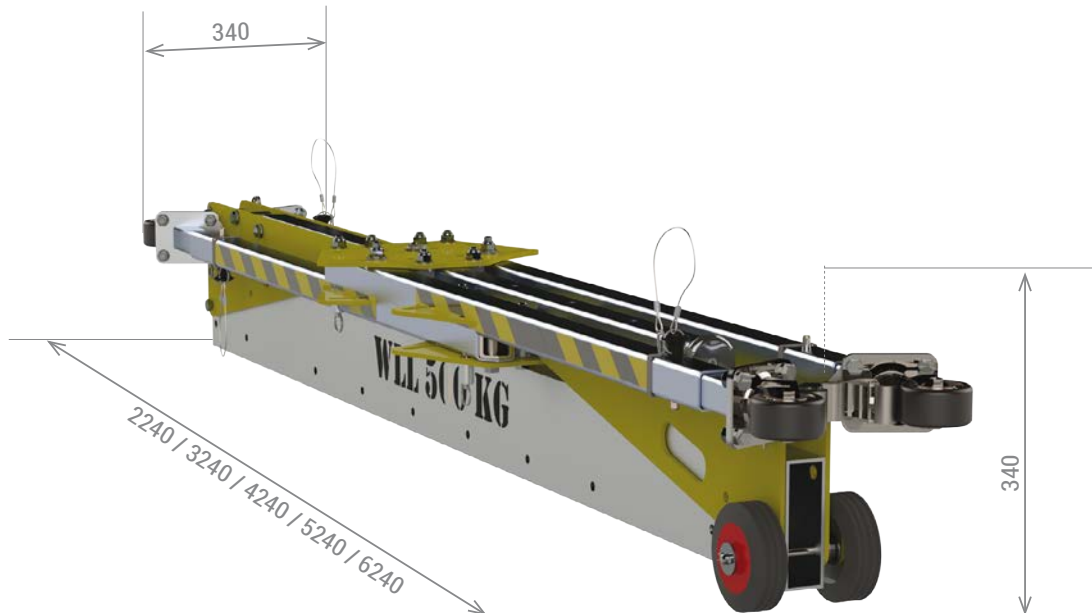
Install accessories.



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Transport

Transport dimensions.



Gantry KSB-LE ready for transport.





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FSB

Model Gantry ALU PLUS

FSB: Compact gantry.



COMPACT
FOLDING
GANTRY
CRANE

FSB



UP TO
500kg

EN 13001
EN 15011



FALL PROTECTION
FOR 2 USERS

EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT:
BEAM LENGTH:

1,9m to 3,1m
2m to 6m

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Model Gantry ALU PLUS

FSB

Overview

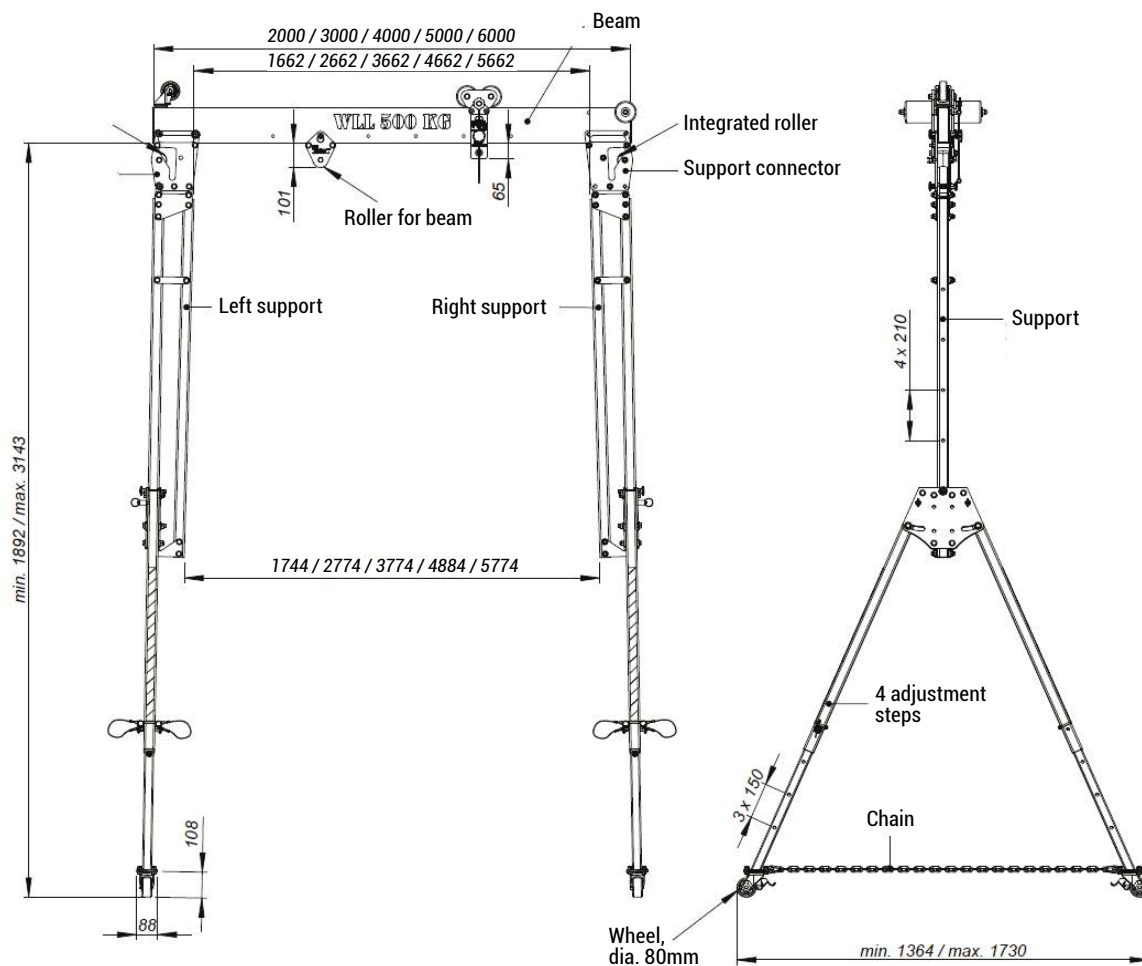


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Technical data



Gantry FSB comprises beam, two detachable connectors, two removable supports, and trolley

ref. no. FSB200-K1-W3 - 2-meter beam

ref. no. FSB300-K1-W3 - 3-meter beam

ref. no. FSB400-K1-W3 - 4-meter beam

O1 - one support type available (dimensions: 1.9 - 3.1 m)
with set of swivel wheels (KSB100-900) available with brake, dia. 80mm

TROLLEY ref. no. KSB100-350-000

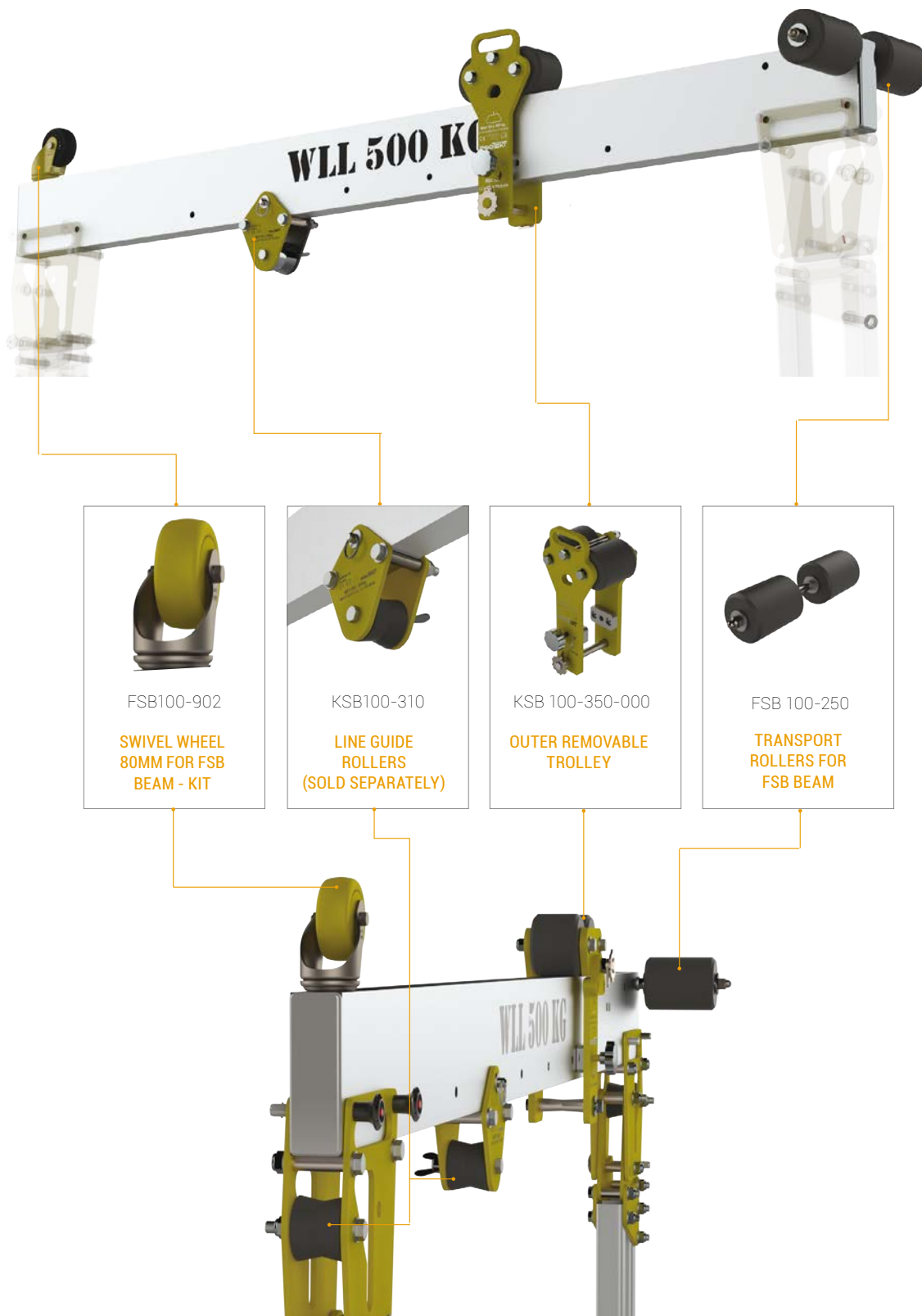
Made of aluminium alloy, stainless steel and polyamide parts.

Trolley can be locked using knob by positioning on the beam.

Model Gantry ALU PLUS

FSB

Beam

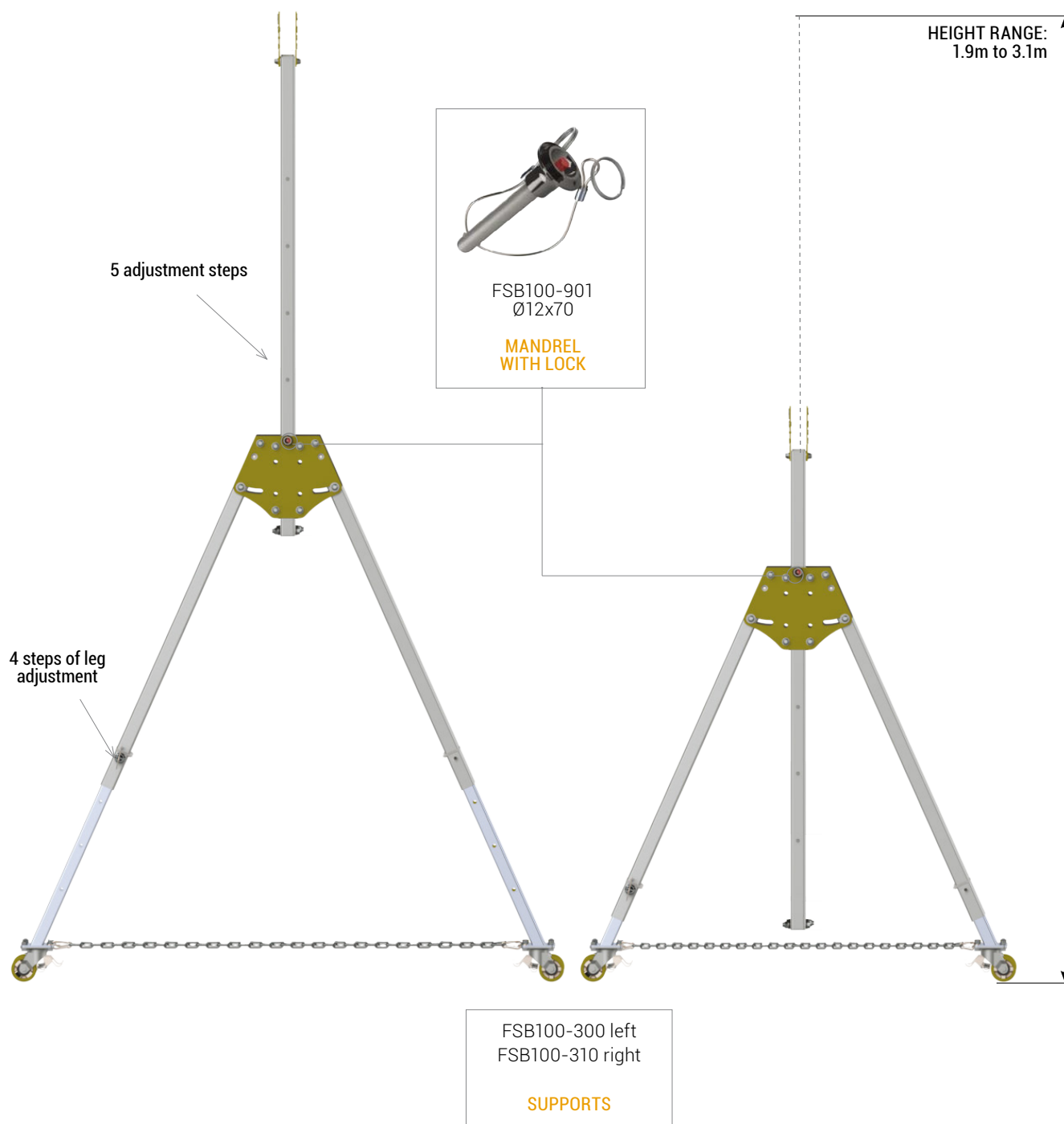


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Supports



Installing accessories



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The Netherlands, France, Germany, Great Britain, Italy.

Unfolding

1

Folded gantry FSB.
Unfold support.



2

Unfold supports and
move legs apart.



3

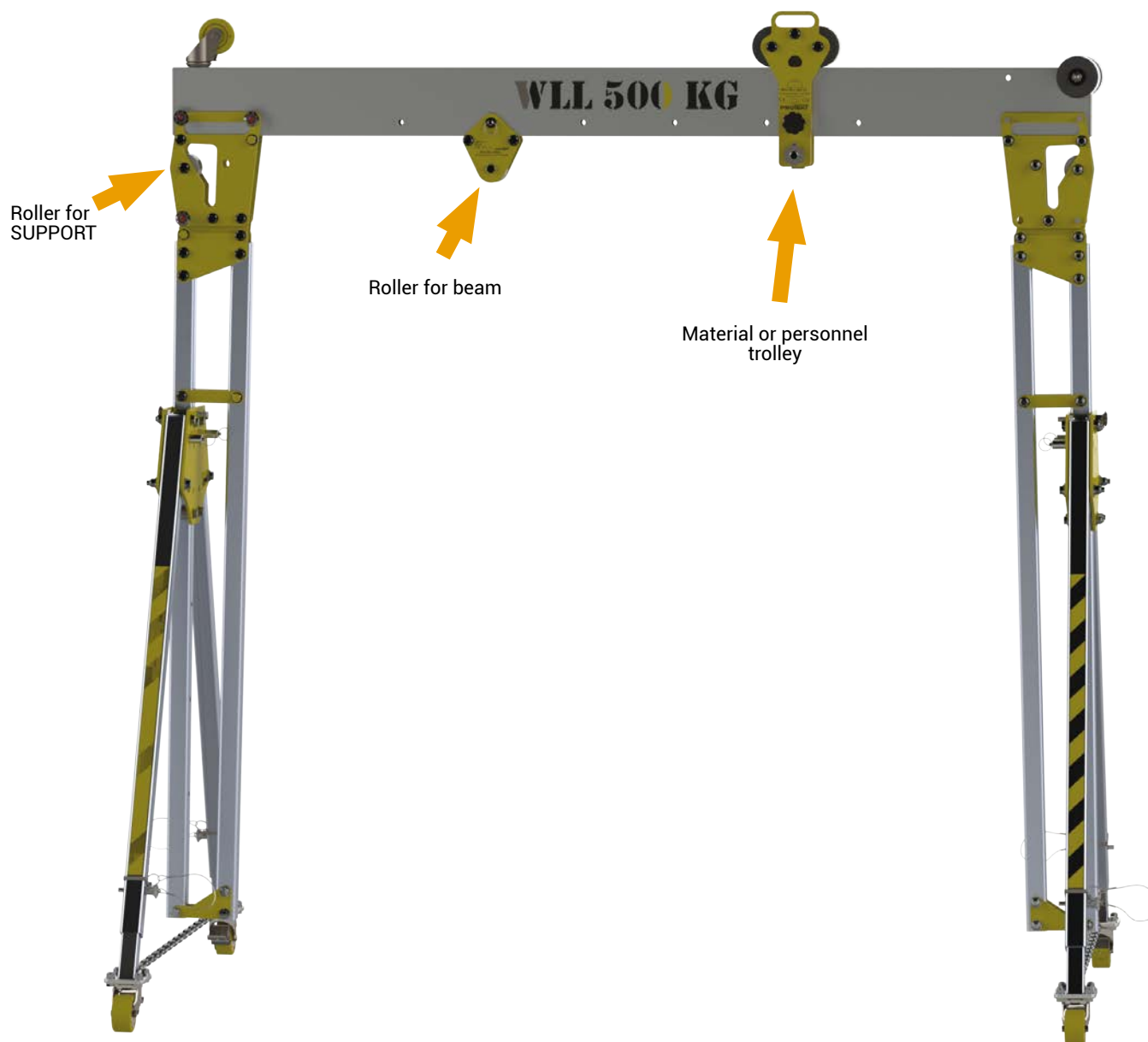
Set the gantry
at a desired height.



Installing accessories

4

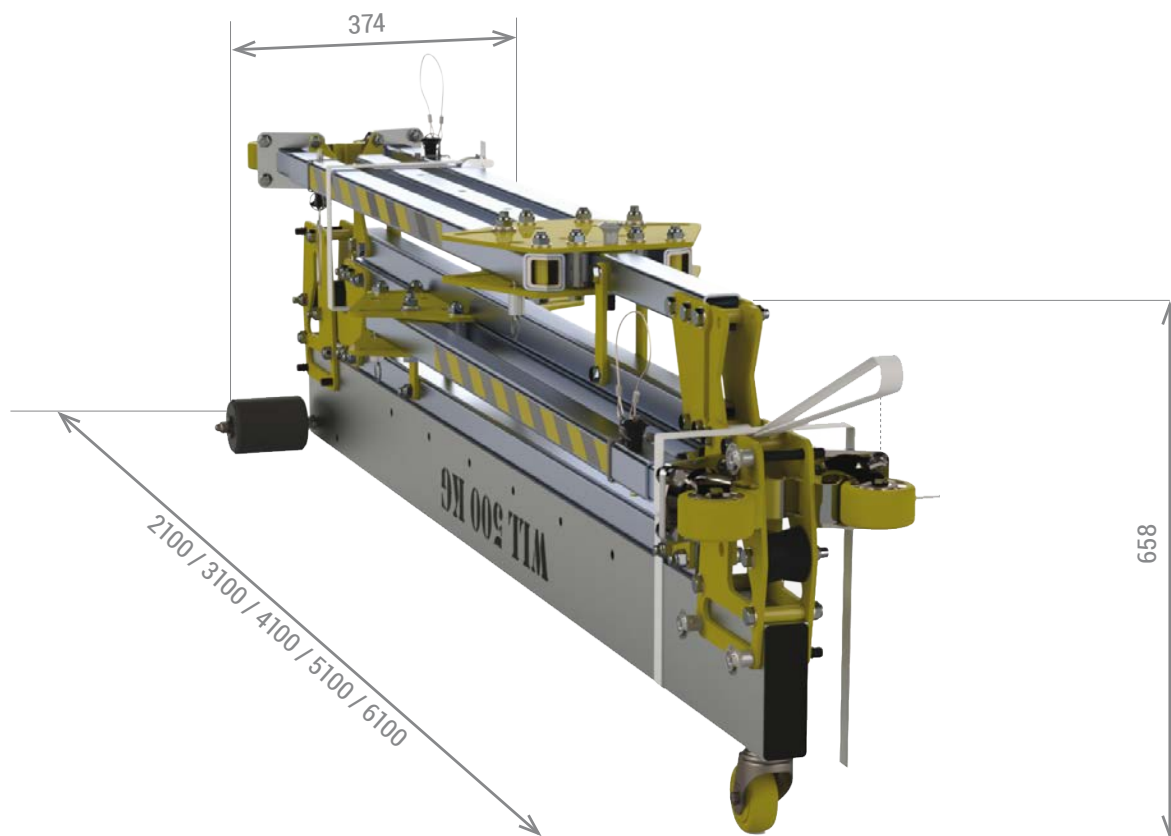
Install additional accessories.



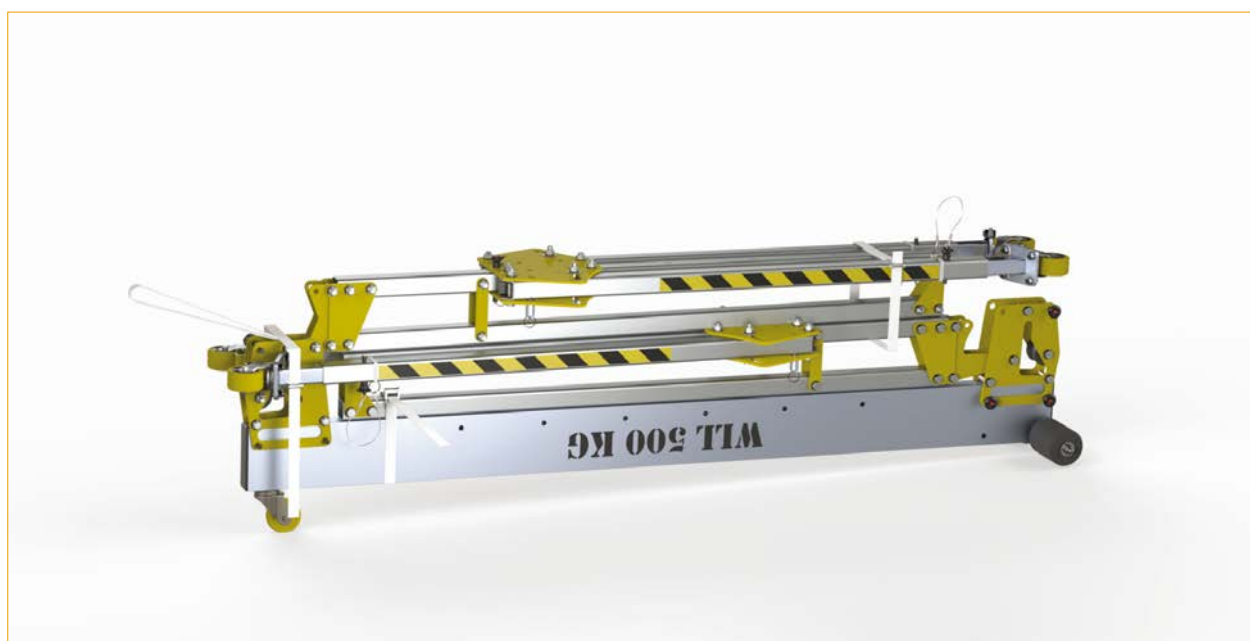
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Transport

Transport dimensions.



Gantry FSB ready for transport.

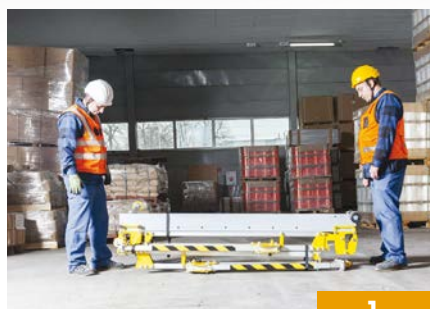


Unfolding



KSB & FSB – Compact gantries

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1.



2.

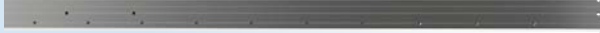
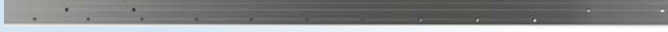


3.

Beams for compact gantries KSB / KSB- LE / FSB



Parameters of available beams:

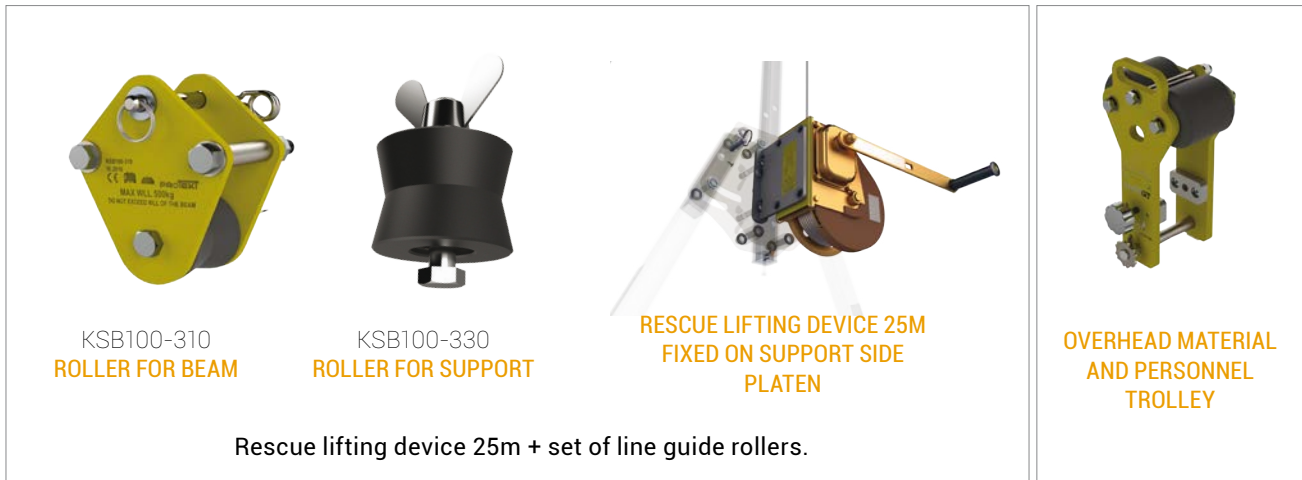
		Weight	Length	WLL
KSB200-001		8,25 kg	2 m	0,5 T
KSB300-001		12,39 kg	3 m	0,5 T
KSB400-001		16,52 kg	4 m	0,5 T
KSB500-001		66,5 kg	5 m	0,3 T
KSB600-001		80,1 kg	6 m	0,3 T

 Material and personnel beams
 Material beams

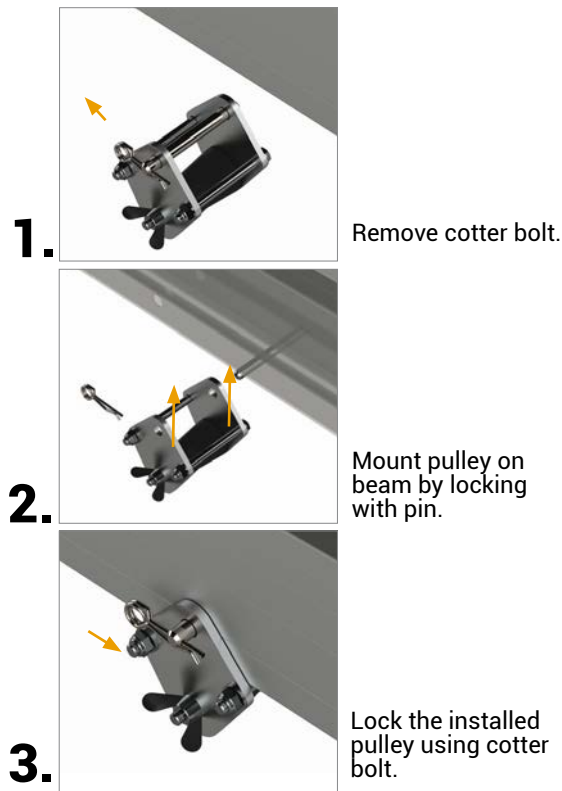
Beams for compact gantries - additional accessories

Kit KSB-100-800

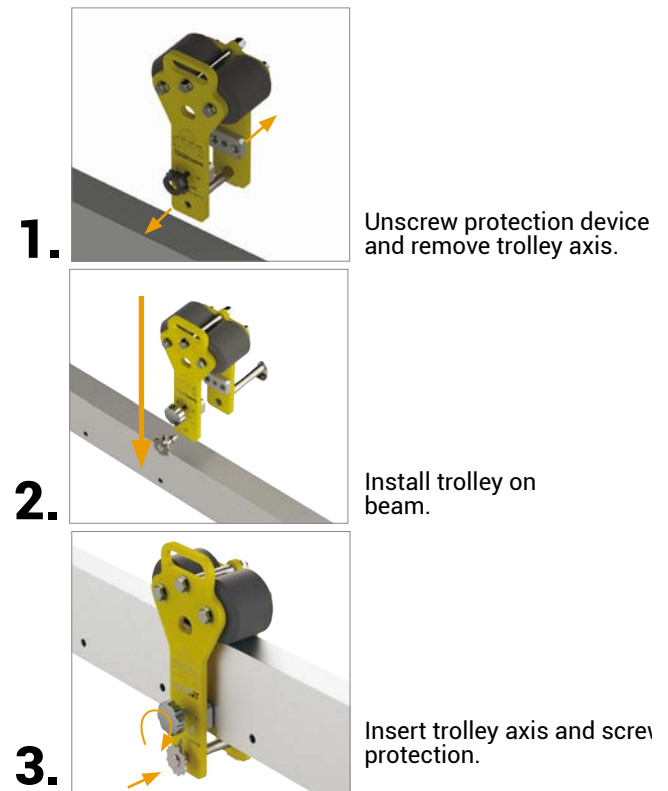
KSB100-350-000



Installing roller on beam.



Installing trolley on beam.



Modules of compact gantries KSB / KSB- LE / FSB



KSB100-350-000

Material or personnel trolley (overhead).

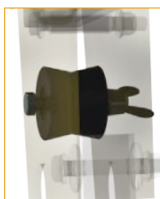


Made of durable aluminium alloy, stainless steel and polyamide. The trolley can be locked in any position along the beam by knob. It can be used for load handling or for personnel evacuation.



KSB100-310

Roller for support and roller for beam.

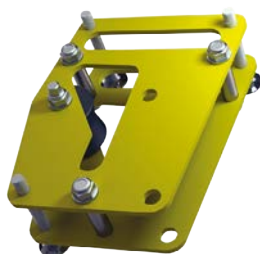


KSB100-330



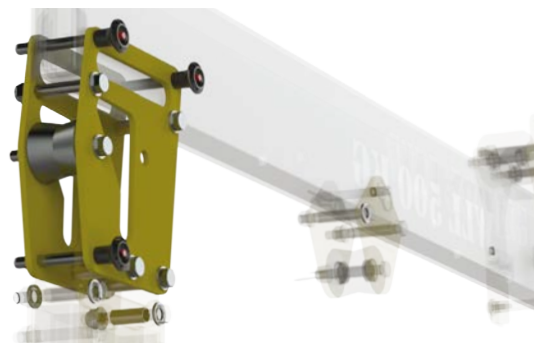
KSB100-310

Roller for support is made of polyamide and galvanized steel. It provides work line guidance when using RUP50x-T series rescue lifting devices. The roller is installed using bolt with wing nut between two upper support plates. Roller for beam is made of strengthened aluminium alloy, stainless steel and polyamide. It provides work line guidance when using RUP50x-T series rescue lifting devices. The roller is installed on beam using pin with cotter bolt.



FSB100-210

Support connector.



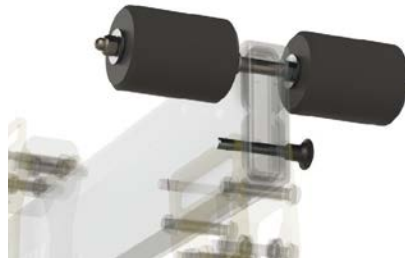
Connecting element between support and beam for compact gantry FSB made of galvanized steel.

Modules of compact gantries KSB / KSB- LE / FSB



FSB100-250

Transport roller.

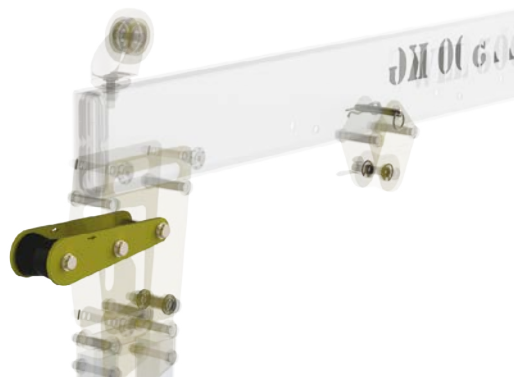


Roller used for transport, fixed on main beam of gantry FSB.



FSB100-160

Needed for RUP502 - ET winch



Made of two aluminium, powder-painted plates, polyamide roller with ball-bearings, stainless steel bushing and galvanized steel connectors. Provides working rope guidance when RUP502-ET brake winch is used.



FSB100-902

Transport wheel.

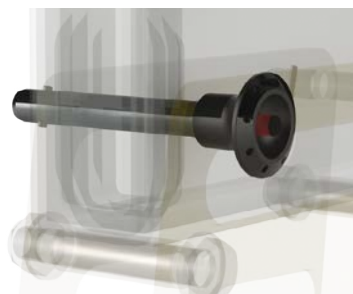


Swivel wheel dia. 80mm fixed on main beam of gantry FSB.



**FSB100-901 - support-beam
AT011-911 - leg**

Automatic mandrel.
Ø12 x 70 - support-beam
Ø10 x 50 - leg



Automatic mandrels are used for connecting each individual gantry elements together.

Standard Gantries Model Gantry ALU PLUS

STANDARD GANTRIES



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STANDARD GANTRY ASB KIT

Each standard compact gantry kit comprises:

1. 2 supports equipped with swivel wheels with brake,
2. beam of a required length
3. removable trolley.



1.



2.



3.

Model Gantry ALU PLUS

ASB

ASB: Standard gantry



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Manual Instruction



Use Examples

ALUMINIUM
GANTRY
CRANE

ASB



1500kg to
3500kg
EN 13001
EN 15011



FALL PROTECTION
FOR 5 USERS

EN 795/B:2012
CEN/TS 16415/B:2013

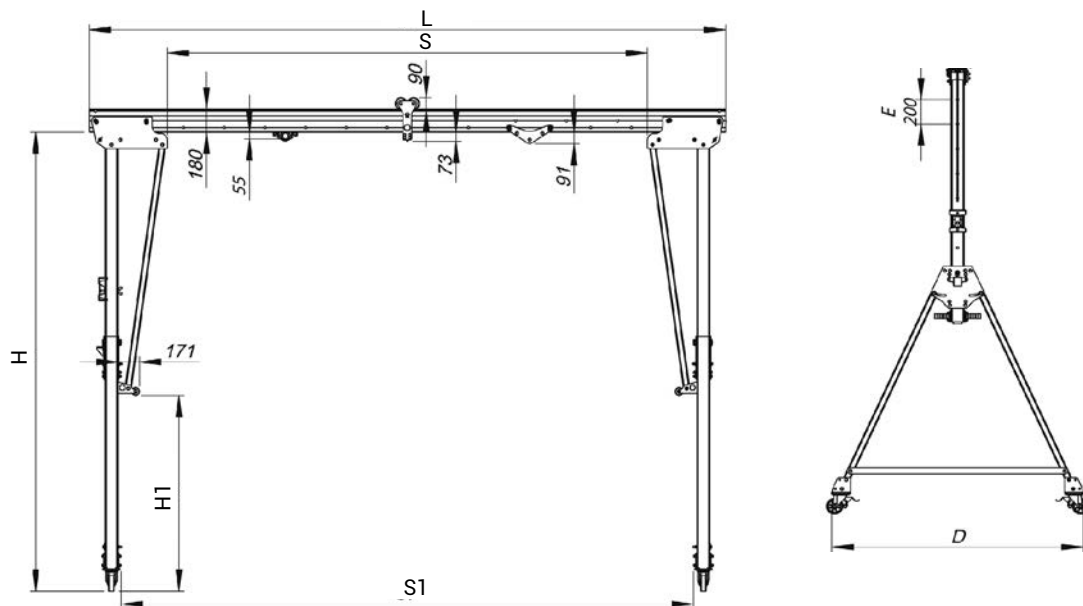


HEIGHT: 1,6m to 6,4m
BEAM LENGTH: 2m to 7m

Overview



Technical data table



"L" BEAM LENGTH [mm]	Beam weight [kg]	"S" Beam work- ing range [mm]	"S1" Support working range [mm]	A1 SUPPORT		B1 SUPPORT		C1 SUPPORT		C2 SUPPORT	
				WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]
2000	26,7	770	1496	3*	122	3	148	3	204	1	242
3000	40,1	1770	2496	3*	135	3	161	3	218	1	255
4000	53,4	2770	3496	3	148	3	174	3	231	1	269
5000	66,5	3770	4496	2,5	162	2,5	188	2,5	244	1	282
6000	80,1	4770	5496	2	175	2	201	2	258	1	295
7000	93,5	5770	6496	1,5	188	1,5	214	1,5	271	1	309
Support weight [kg]				38,2		50,2		72,8		98,4	
"H" - Working height (min... max) [mm]				1594...2194		2207...3607		3230...5430		4230-6430	
"H1" - Height under roller (min... max) [mm]				34...634		141...1541		164...2364		164...2364	
"D" - Leg spacing [mm]				1115		1928		2834		2834	
"E" - Working height adjustment [mm]				200		200		200		200	

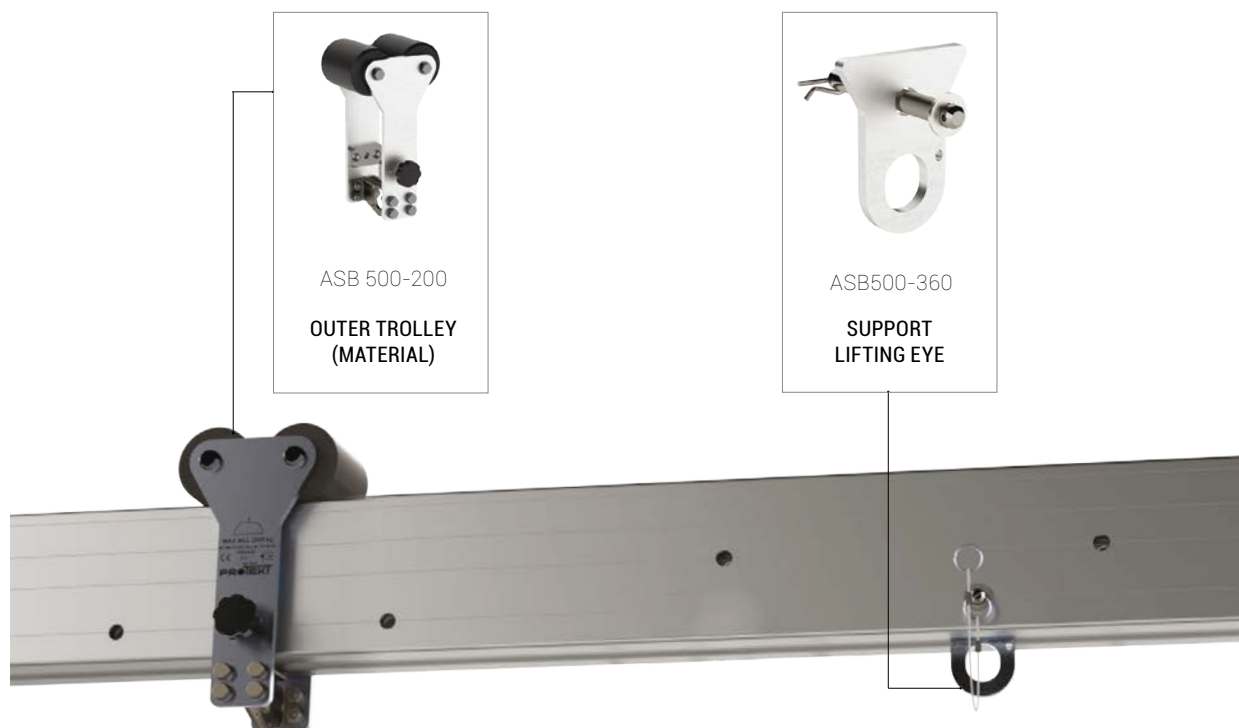
* On a special request, 2 and 3 m long beams with a capacity (WLL) of 3500kg can be manufactured for use with A1 supports.

ASB REFERENCE NUMBER

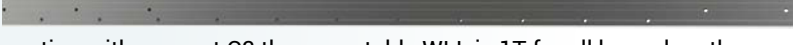
ASBXXX-YY-ZZ
WHERE:

ASBXXX-YY-ZZ
 YY - type of supports
 [A1 / B1 / C1 / C2]
 ZZ - type of wheels in supports
 [W1 / W2 / W3 / W4 / W5 / W6]
 XXX - beam length [cm]
 [200 / 300 / 400 / 500 / 600 / 700]

Beams - additional equipment

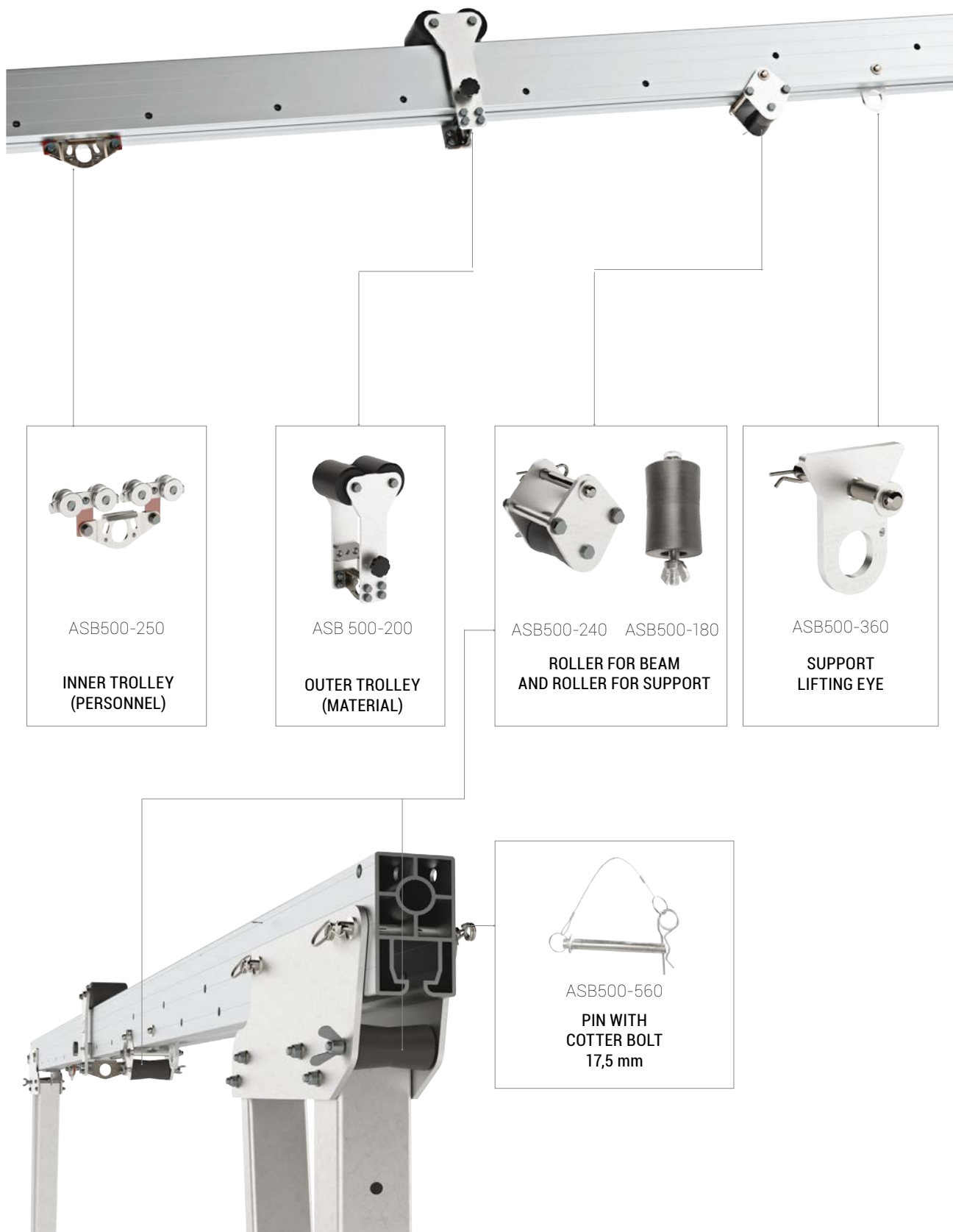


Parameters of available beams:

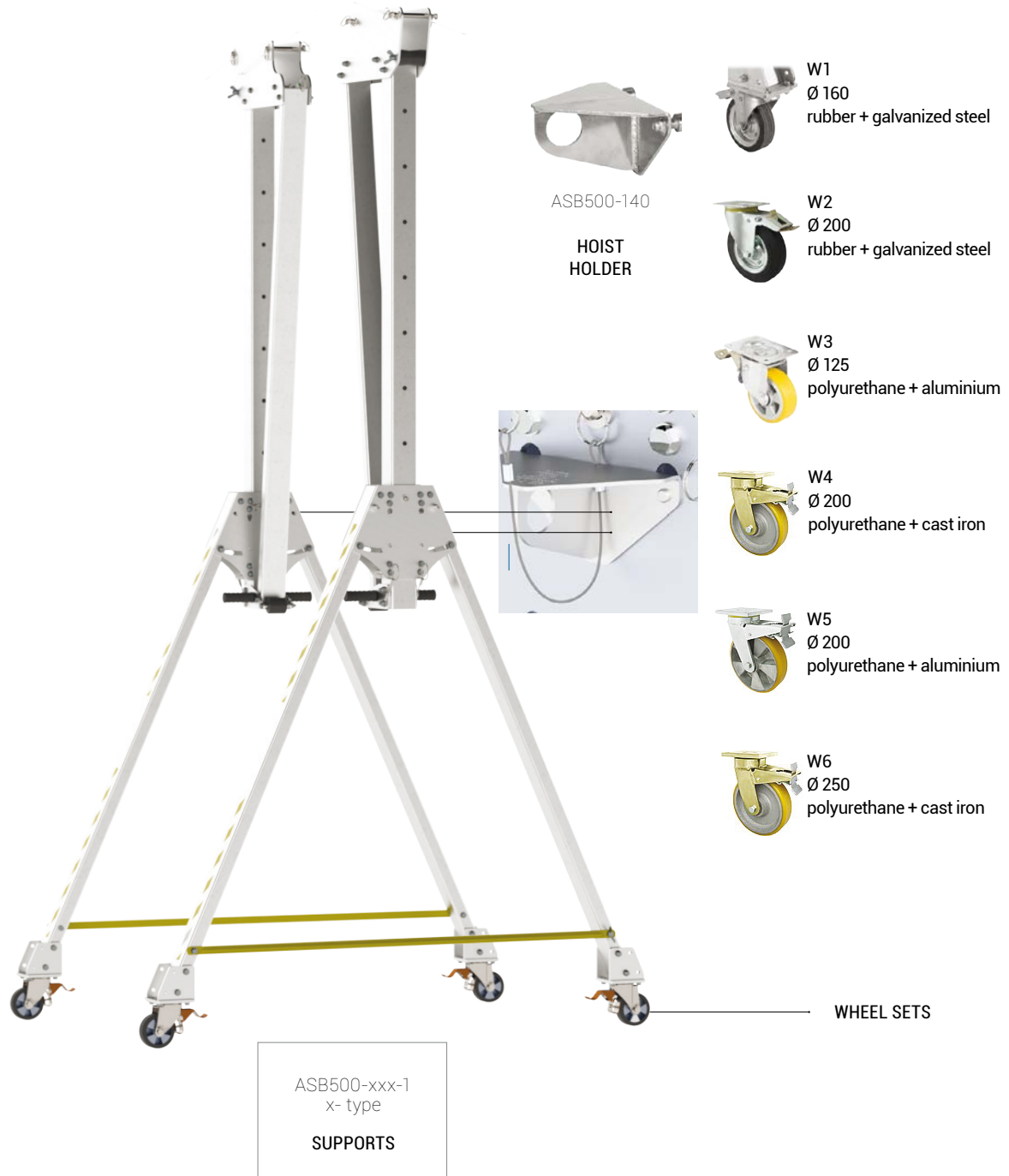
		Weight	Length	WLL*
ASB200-001		26,7 kg	2 m	3 T
ASB300-001		40,1 kg	3 m	3 T
ASB400-001		53,4 kg	4 m	3 T
ASB500-001		66,5 kg	5 m	2,5 T
ASB600-001		80,1 kg	6 m	2 T
ASB700-001		93,5 kg	7 m	1,5 T

* for kit configuration with support C2 the acceptable WLL is 1T for all beam lengths

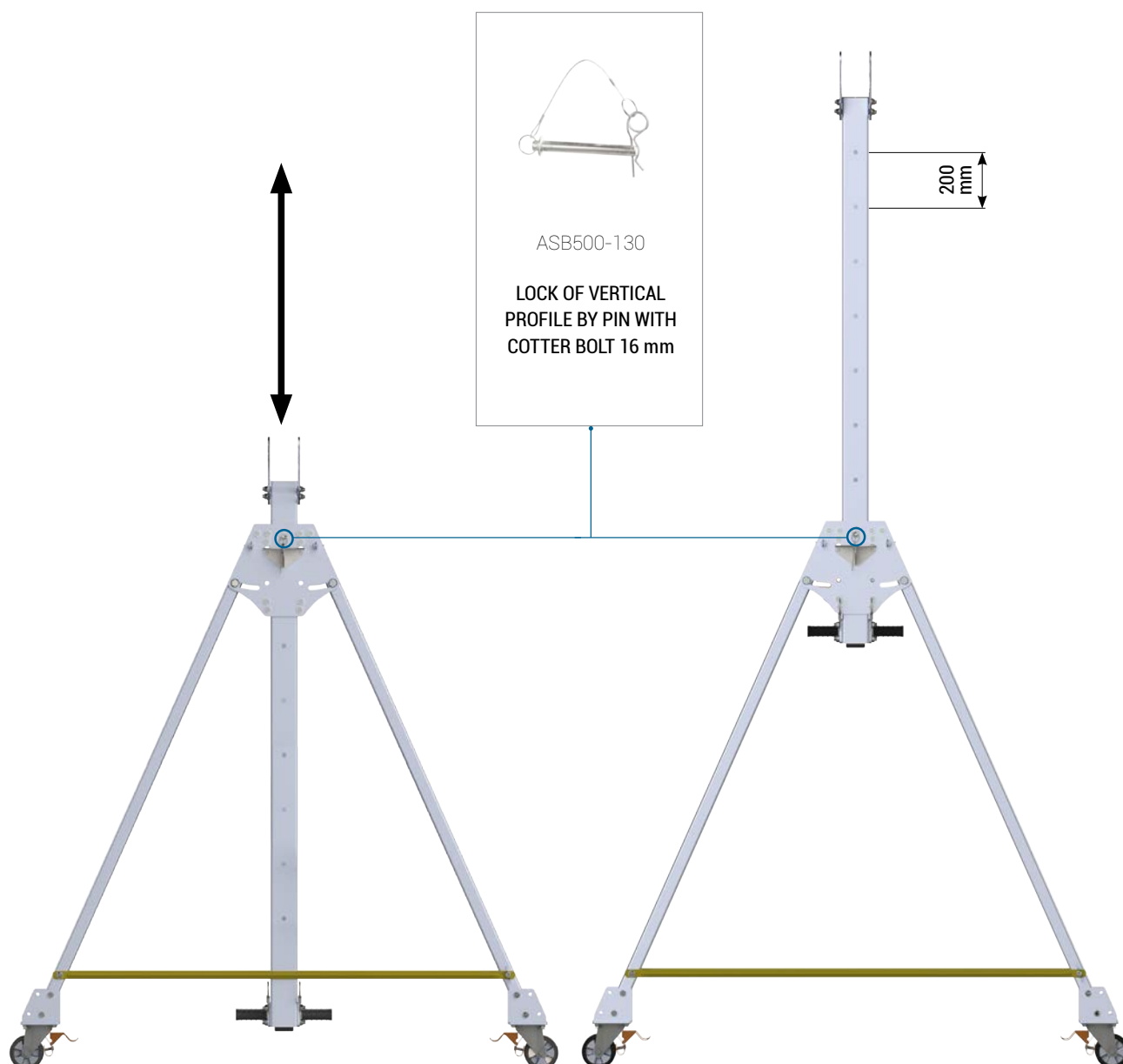
Beams - additional equipment



Supports equipment



Supports - height adjustment



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Ref. no.	Part name	Height under beam	Weight of set	WLL
ASB500-450-1	Set of supports A1	1,59-2,19 m	76,4 kg	3 T
ASB500-100-1	Set of supports B1	2,20-3,60 m	100,4 kg	3 T
ASB500-500-1	Set of supports C1	3,23-5,43 m	145,6 kg	3 T
ASB500-500-2	Set of supports C2	4,23-6,43 m	196,8 kg	1 T

Sizes**"A" SERIES - LOW**

A1: height under beam: 1.6 - 2.2 m

"B" SERIES - MEDIUM

B1: height under beam: 2.2 - 3.6 m

"C" SERIES - HIGH

"C1" Height under beam: 3.2 - 5.4 m

"C2" Height under beam: 4.2 - 6.4 m

Configurations



Basic variant developed for use with lifting devices attached to material trolley.



Extended version with rescue lifting device mounted on support vertical profile.



Variant with rescue lifting device mounted on support side platen.

LSB

Model Gantry ALU PLUS

LSB: Light gantry.



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LIGHT
GANTRY
CRANE

LSB



500kg
to 2000kg
EN 13001
EN 15011



FALL PROTECTION
FOR 3 USERS
EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 1,6m to 6,4m
BEAM LENGTH: 2m to 7m

Model Gantry ALU PLUS

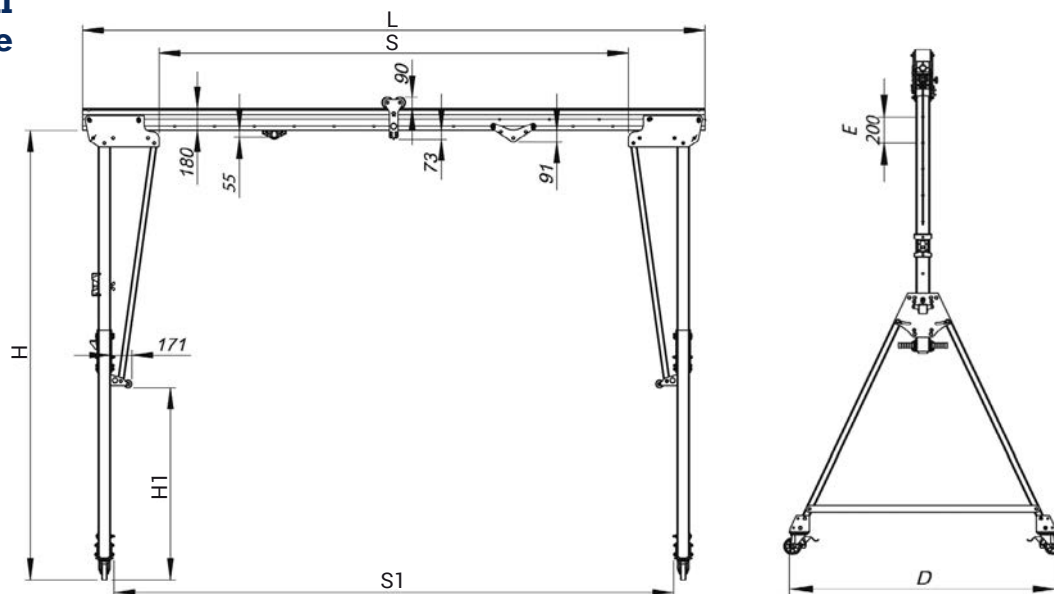
LSB

Overview



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Technical data table



"L" Beam length [mm]	Beam weight [kg]	"S1" Support working range [mm]	"S" Beam working range [mm]	E1 SUPPORT		F1 SUPPORT		G1 SUPPORT		G2 SUPPORT	
				WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]
2000	13,2	1496	770	2	122	1,75	148	1,75	204	0,5	242
3000	19,7	2496	1770	1,5	135	1,5	161	1,5	218	0,5	255
4000	26,3	3496	2770	1,25	148	1,25	174	1,25	231	0,5	269
5000	32,8	4496	3770	1	162	1	188	1	244	0,5	282
6000	39,4	5496	4770	0,75	175	0,75	201	0,75	258	0,5	295
7000	46	6496	5770	0,5	188	0,5	214	0,5	271	0,5	309
Support weight [kg]				34		45		62		68,8	
"H" - Working height (min... max) [mm]				1594...2194		2207...3607		3230...5430		4230...6430	
"H1" - Height under roller (min... max) [mm]				34...634		141...1541		164...2364		164...2364	
"D" - Leg spacing [mm]				1115		1928		2834		2834	
"E" - Working height adjustment [mm]				200		200		200		200	

LSB REFERENCE NUMBER

LSBXXX-YY-ZZ
WHERE:

LSBXXX-YY-ZZ

YY - type of supports
[E1 / F1 / G1 / G2]

ZZ - type of wheels in supports
[W1 / W2 / W3 / W4 / W5 / W6]

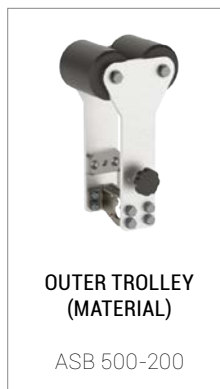
XXX - beam length [cm]
[200 / 300 / 400 / 500 / 600 / 700]

EXAMPLE: LSB500-F1-W2 - 5-meter long beam with supports F1 equipped with wheels W2 (200mm, with hard treaded rubber).

Model Gantry ALU PLUS

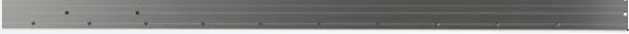
LSB

Beam - basic equipment



Parameters of available beams:

Weight Length WLL**

LSB200-001		13,2 kg	2 m	1,75 T***
LSB300-001		19,7kg	3 m	1,5 T
LSB400-001		26,3 kg	4 m	1,25 T
LSB500-001		32,8 kg	5 m	1 T
LSB600-001		39,4 kg	6 m	0,75 T
LSB700-001		46,0kg	7 m	0,5 T

** for kit configuration with support G2 the acceptable WLL is 0,5T for all beam lengths

*** on special request up to 2T

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Beam



ASB500-250
INNER
PERSONNEL
TROLLEY



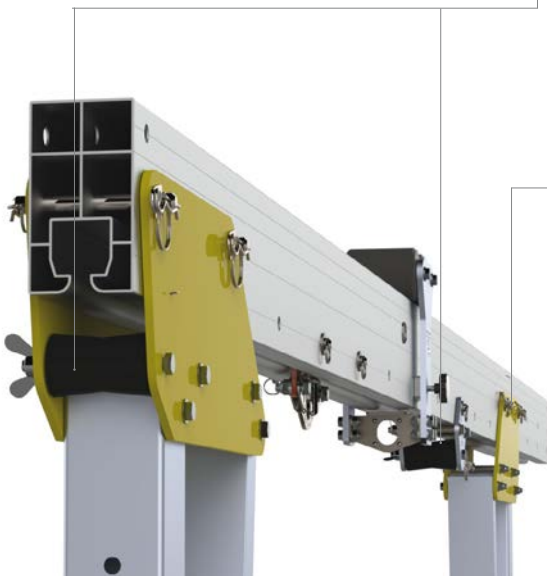
ASB 500-200
OUTER MATERIAL
TROLLEY



ASB500-240 ASB500-180
ROLLER FOR BEAM
AND ROLLER FOR SUPPORT

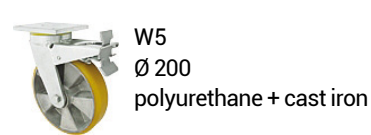
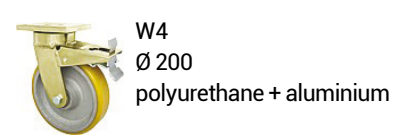
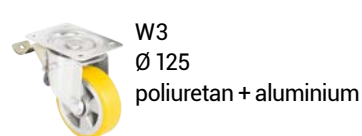
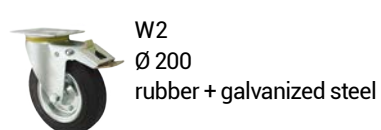
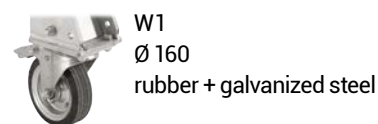
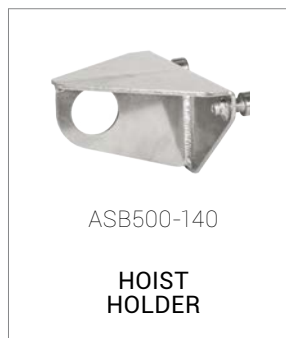


ASB500-360
SUPPORT LIFTING EYE



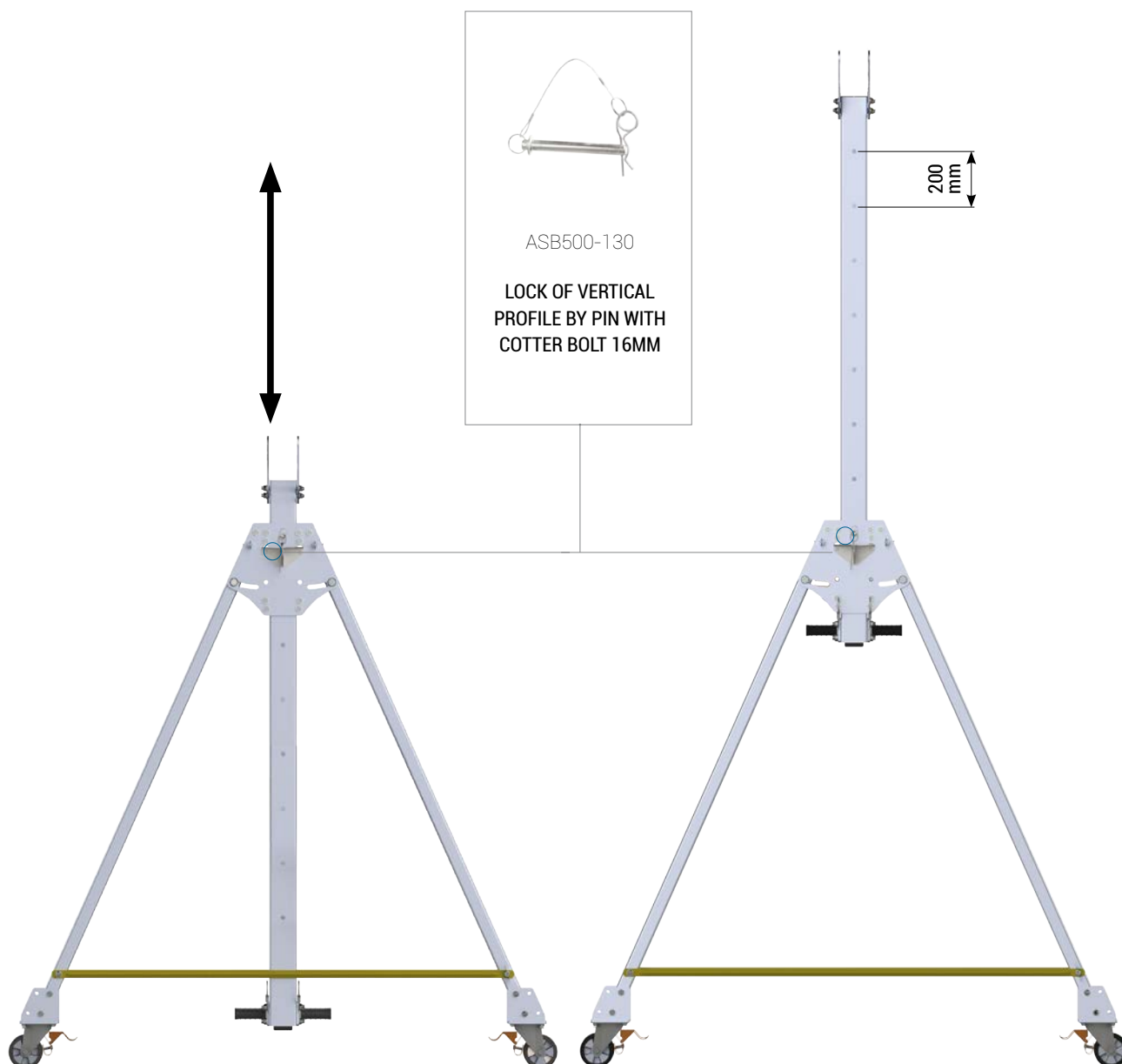
ASB500-130
PIN WITH
COTTER BOLT 17.5mm

Supports - equipment



WHEEL SETS

Supports - height adjustment



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Ref. no.	Part name	Height under beam	Weight of set	WLL
LSB500-450-1	Set of supports E1	1,59-2,19 m	68 kg	2 T
LSB500-100-1	Set of supports F1	2,20-3,60 m	90 kg	1,75 T
LSB500-500-1	Set of supports G1	3,23-5,43 m	124 kg	1,75 T
LSB500-500-2	Set of supports G2	4,23-6,43 m	137,6 kg	0,5 T

Modules



ASB500-200

Outer material trolley



Made of durable aluminium alloy, stainless steel and polyamide. The trolley can be locked in any position along the beam by knob. Outer trolley is intended for load handling only.



ASB500-250

Inner personnel trolley.



Made of galvanized steel and stainless steel. Space savings - lifting eye is only 55mm under the beam. Position locking using pins with cotter bolts. Inner trolley is designed for personnel protection only. One trolley can be used maximum for one person, certified as an anchor point compliant with EN 795.



ASB500-130

Pin with cotter bolt 16mm



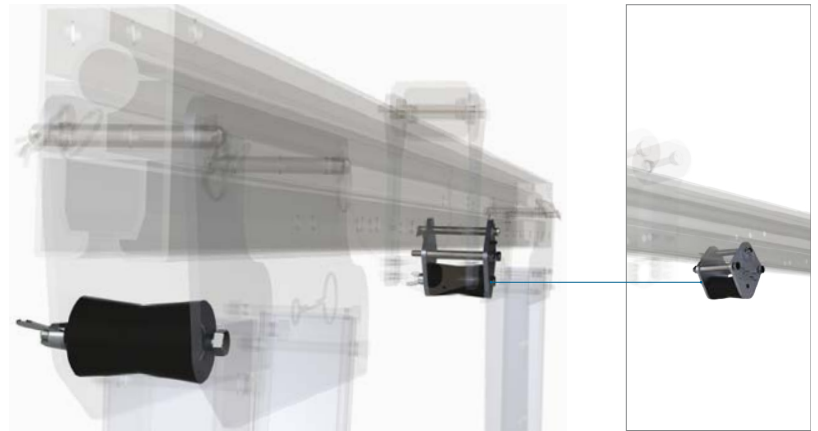
Made of galvanized steel. Used for:

- locking position of support vertical profile (one for one support),
- locking position of inner trolley along beam (two for one inner trolley),
- installation of roller for beam on beam (two for one roller for beam).



ASB500-180 ASB500-240

Roller for support and roller for beam

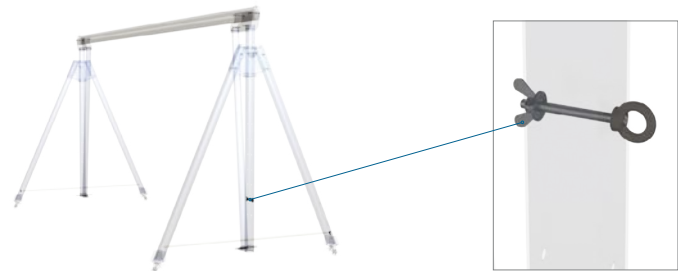


Roller for support is made of polyamide and galvanized steel. It provides work line guidance when using RUP50x-T series rescue lifting devices. The roller is installed using bolt with wing nut between two upper support plates. Roller for beam is made of strengthened aluminium alloy, stainless steel and polyamide. It provides work line guidance when using RUP50x-T series rescue lifting devices. The roller is installed on beam using pin with cotter bolt.

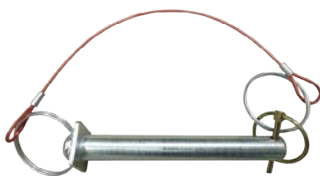


ASB500-370

Catch for support vertical profile pull out.



Made of stainless steel. Used when adjusting support vertical profile height when it is not possible to attach chain winch hook to the lower part of support vertical profile. Should be used with supports C1.



ASB500-560

Pin with cotter bolt 17.5mm



Pin with cotter bolt used for connecting beams to supports.

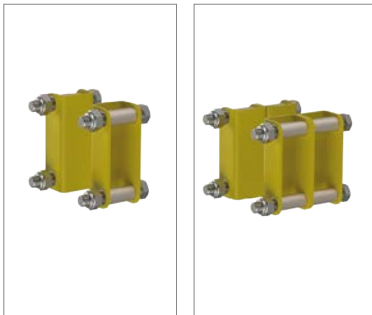


ASB500-600

Wheel support x 4

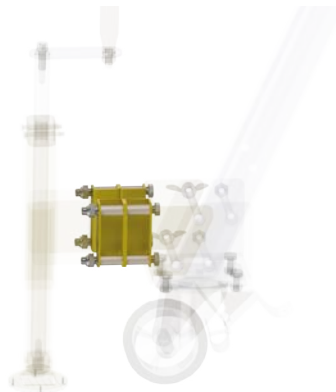


Supports made of galvanized powder-coated steel. Provide for device levelling on an uneven ground and ensure stability of the device when operating. Equipped with bolts and wing nuts for installation on support leg. Device ASB must be equipped with four wheel supports.



ASB500-813 ASB500-814

Spacers for supports 40mm and 80mm



Connectors increasing the distance between support and gantry leg by 40mm (ASB500-813) and 80mm (ASB500-814).



ASB500-600

Beam transporter



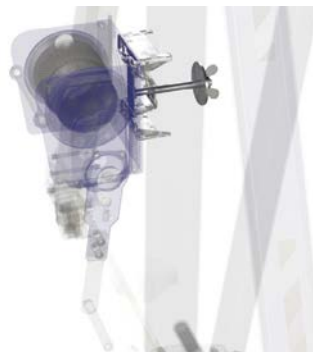
Transporter made of aluminium alloy with hot-dip galvanized steel parts. Used for easy transport of the beam over long distances, equipped with solid rubber wheels dia. 200mm.

Brackets

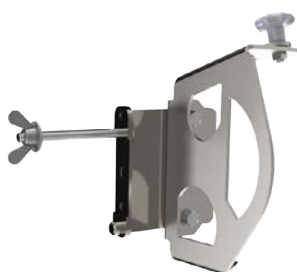


ASB500-190

Holder for rescue lifting devices RUP50x-CT



Holder for rescue lifting devices RUP50x-CT can be installed on support vertical profile. It enables installation of rescue lifting device RUP503-CT or RUP502-CT.



ASB500-570

Holder for retractable type fall arrester CRW200.

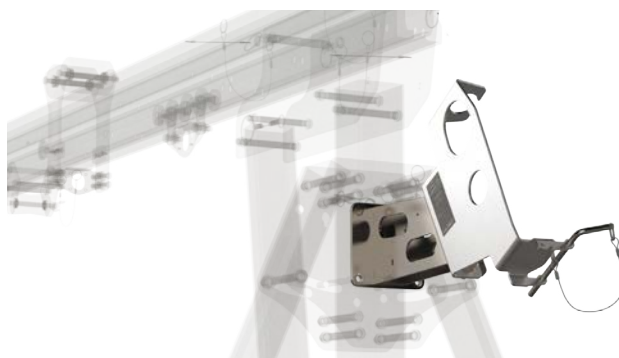


Holder for retractable type fall arrester CRW200 installed on support side platen.



ASB500-580

Holder for retractable type fall arrester CRW300.



Holder for retractable type fall arrester CRW300 installed on support side platen.



ASB500-360

Support lifting eye.



Made of aluminium/galvanized steel. Used when installing gantry for lifting and lowering of supports by chain hoist.

Lifting devices



ASB500-800-010

Complete set of rescue lifting device with rollers.



ASB500-800-020

Complete set of rescue lifting device with rollers.



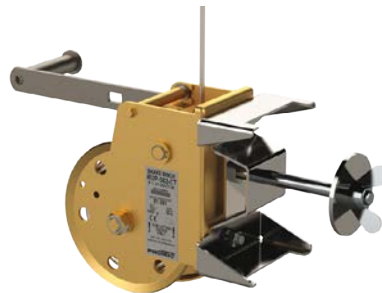
ASB500-800-030

Complete set of rescue lifting device with rollers.



ASB500-800-040

Complete set of rescue lifting device with rollers.



Rescue lifting device RUP 502-CT set with 25m line and line guide rollers.
Rescue lifting device RUP 502-CT installed on all support types.
Designed for lifting of loads of up to 500kg.



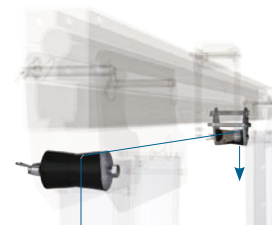
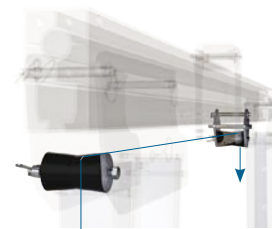
Rescue lifting device RUP 502-DT set with 25m line and line guide rollers.
Rescue lifting device RUP 502-DT installed on all support types.
Designed for lifting of loads of up to 500kg.



Rescue lifting device RUP 503-CT set with 50 m line and line guide rollers.
Rescue lifting device RUP 503-CT installed on all support types.
Designed for lifting of loads of up to 1000kg.



Rescue lifting device RUP 503-DT set with 50 m line and line guide rollers.
Rescue lifting device RUP 503-DT installed on all support types.
Designed for lifting of loads of up to 1000kg.



Wheels

W1



Set of wheels (4 pcs.) dia. 160mm. Wheels made of galvanized steel with rubber coating with a capacity of up to 1000kg.

Default for gantries ASB/LSB.
ref. no. ASB100-010

W2



Set of wheels (4 pcs.) dia. 200mm. Wheels made of galvanized steel with rubber coating with a capacity of up to 2000kg.

Default for gantries BAS/ASB
ref. no. ASB100-020

W3



Set of wheels (4 pcs.) dia. 125mm. Wheels made of aluminium with polyurethane coating with a capacity of up to 1000kg.

ref. no. ASB100-030

W4



Set of wheels (4 pcs.) dia. 200mm. Wheels made of cast iron with polyurethane coating with a capacity of up to 3000kg.

ref. no. ASB100-040

W5



Set of wheels (4 pcs.) dia. 200mm. Wheels made of aluminium with polyurethane coating. Wheels have hard tread 92 Shore A.

Load Limit is 2000kg.
ref. no. ASB100-050

W6



Set of wheels (4 pcs.) dia. 250mm. Wheels made of cast iron with polyurethane coating. Load Limit is 5000kg.

Default for gantries HSB.
ref. no. ASB100-060

Model Gantry ALU PLUS

HSB

HSB: Heavy-duty gantry crane.



HEAVY-DUTY
GANTRY
CRANE

HSB



3000kg to
5000kg

EN 13001
EN 15011



FALL PROTECTION
FOR 5 USERS

EN 795/B:2012
CEN/TS 16415/B:2013



HEIGHT: 2,6m to 5,7m
BEAM LENGTH: 2m to 7m

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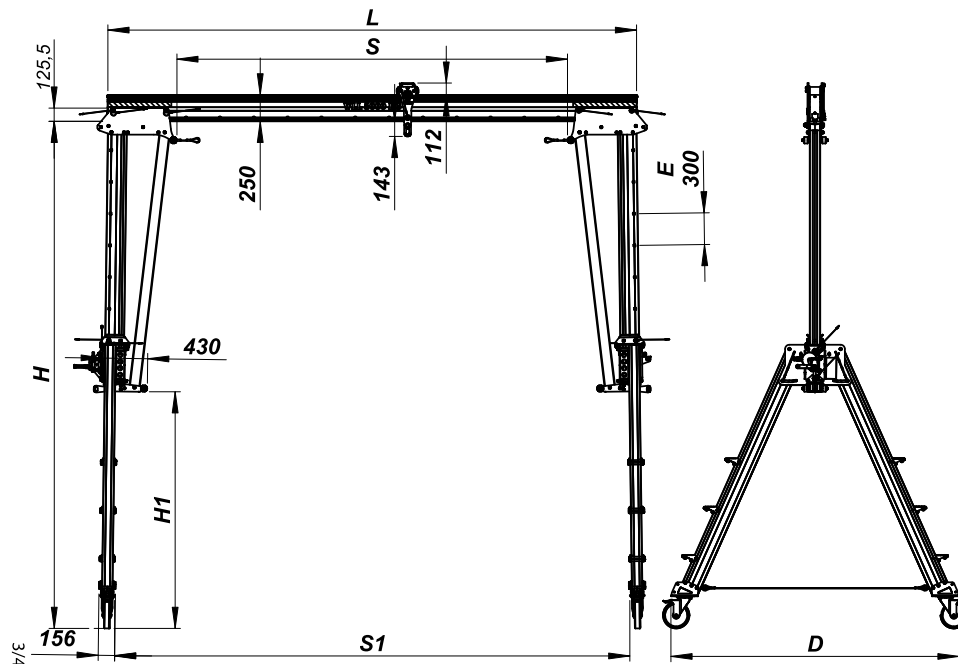
Overview



Model Gantry ALU PLUS

HSB

Technical data table



"L" Beam length [mm]	Beam weight [kg]	"S" Beam working range [mm]	"S1" Support working range [mm]	T1 SUPPORT		T2 SUPPORT		T3 SUPPORT	
				WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]	WLL [T]	Gantry weight [kg]
3000	48	1695	2874	5	275	5	299	3	323
4000	64	2695	3874	5	291	5	315	3	339
5000	80	3695	4874	5	307	5	331	3	355
6000	96	4695	5874	4	323	4	347	3	371
7000	112	5695	6874	3	339	3	363	3	387

Gantry weight [kg]	111	123	135
"H" - Working height (min... max) [mm]	2634...3834	2992...4792	3349...5749
"H1" - Height under roller (min... max) [mm]	1786	2238	2699
"D" - Leg spacing [mm]	2318	2725	3132
"E" - Working height adjustment [mm]	300	300	300

HSB REFERENCE NUMBER

HSBXXX-YY-ZZ
WHERE:

HSBXXX-YY-ZZ
 YY - type of supports
 [T1 / T2 / T3]
 ZZ - type of wheels in supports
 [W4 / W5 / W6]
 XXX - beam length [cm]
 [300 / 400 / 500 / 600 / 700]

EXAMPLE: HSB500-T2-W6 - 5-meter long beam with supports T2 equipped with wheels W6.

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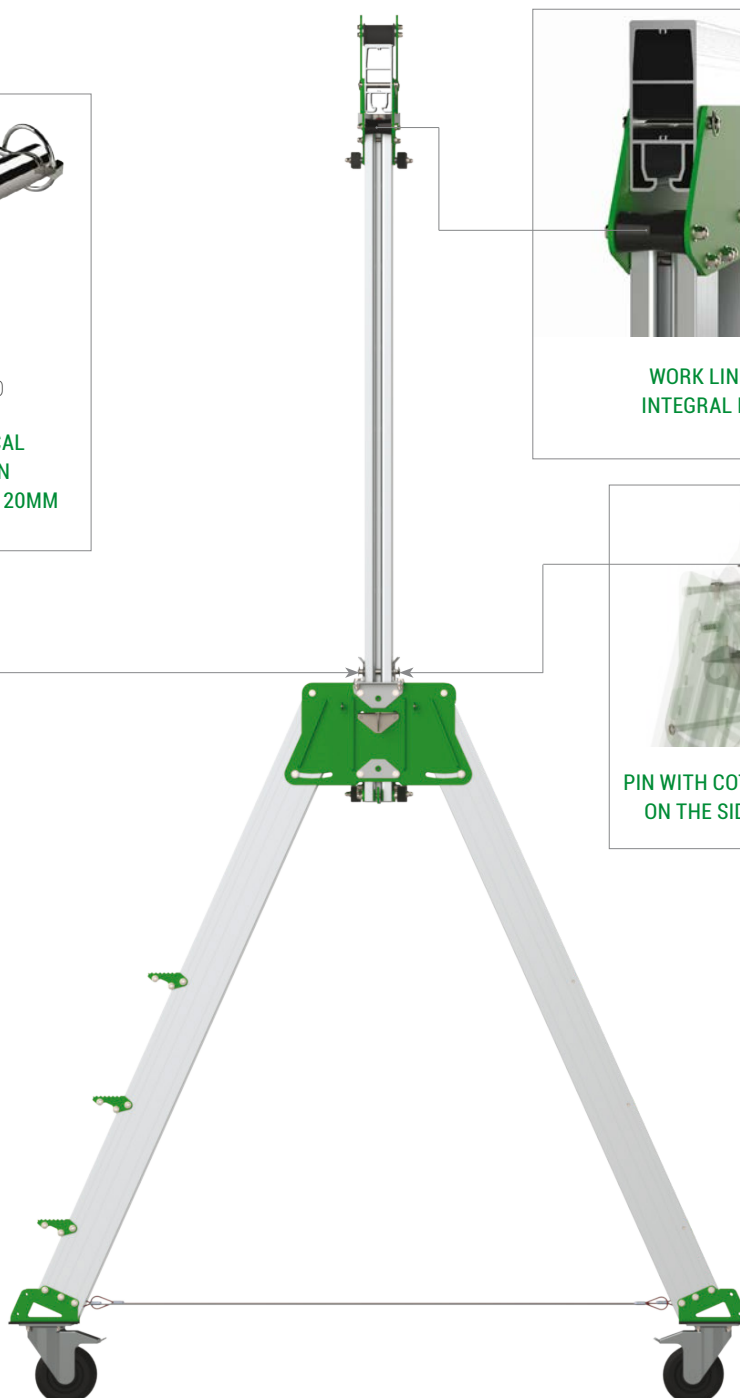
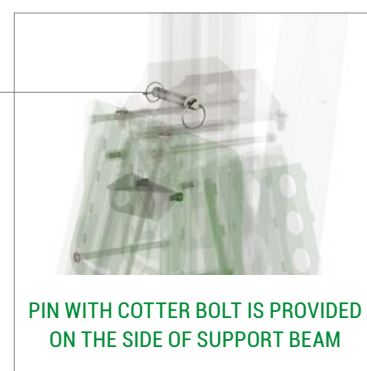
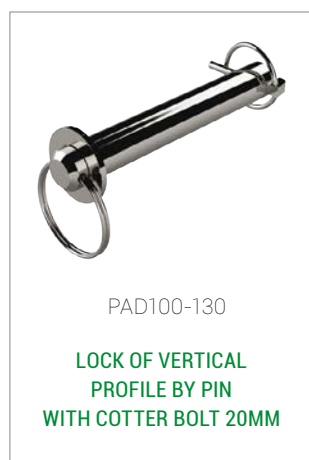
Beam



Parameters of available beams:

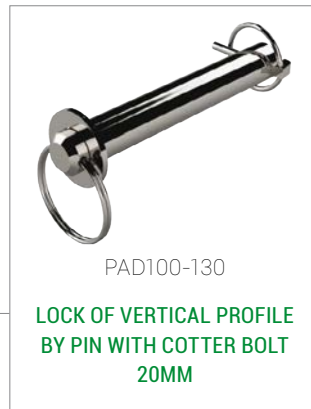
		Weight	Length	WLL
HSB-BEAM-300		48 kg	3 m	5 T
HSB-BEAM-400		64 kg	4 m	5 T
HSB-BEAM-500		80 kg	5 m	5 T
HSB-BEAM-600		96 kg	6 m	4 T
HSB-BEAM-700		112 kg	7 m	3 T

Supports



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Ref. no.	Part name	Height	Weight
HSB000-FT1-000	Set of supports T1	2,6 - 3,8m	5T
HSB000-FT2-000	Set of supports T2	2,9 - 4,7m	5T
HSB000-FT3-000	Set of supports T3	3,3 - 5,7m	3T



Modules

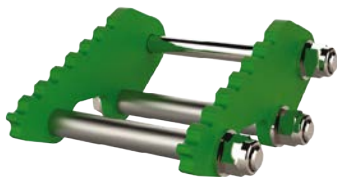


HSB000-A04-000

Vertical lifting module

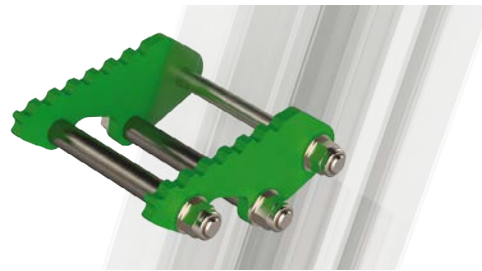


Vertical lifting module used for gantry height adjustment. Sold separately. Comprises metal mounting plate and webbing winch with hook.



HSB000-A11-000

Step



Step being a permanent part of the support. Provides access to winches mounted on support main link. It is made of aluminium and stainless steel.



HSB000-T01-000

Material trolley



Material trolley enabling lifting of load of a maximum weight of up to 5T. The trolley can be removed from the beam after removing axle with bushing and hook (bolts M20).

BAS

Model Gantry ALU PLUS

BAS: Standard gantry crane.



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GANTRY
CRANE **BAS**



1500kg to
3500kg
EN 13001
EN 15011



FALL PROTECTION
FOR 5 USERS

EN 795/B:2012
CEN/TS 16415/B:2013

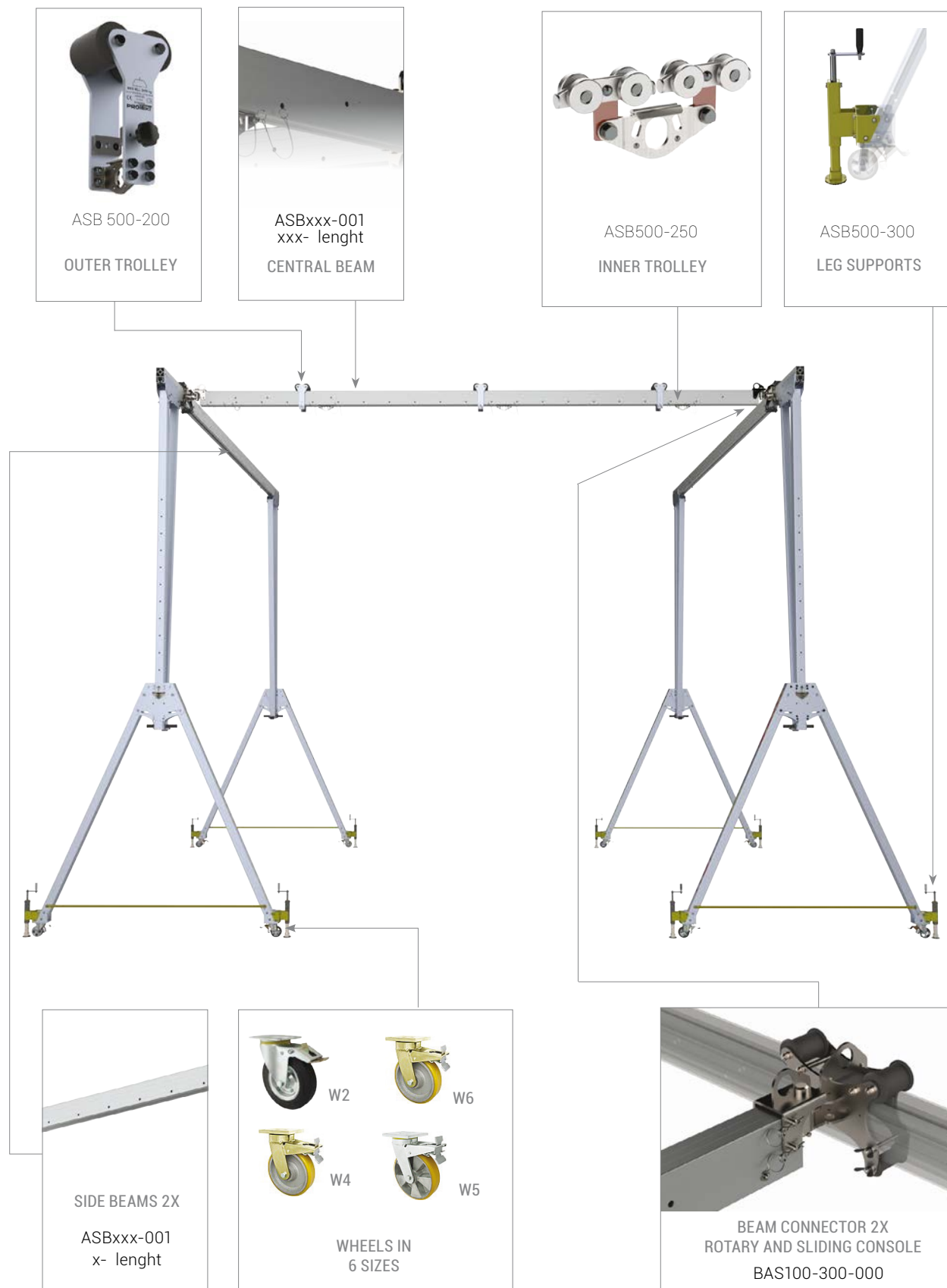


HEIGHT: 1,6m to 6,4m
BEAM LENGTH: 2m to 7m

Model Gantry ALU PLUS

BAS

Overview



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Beams



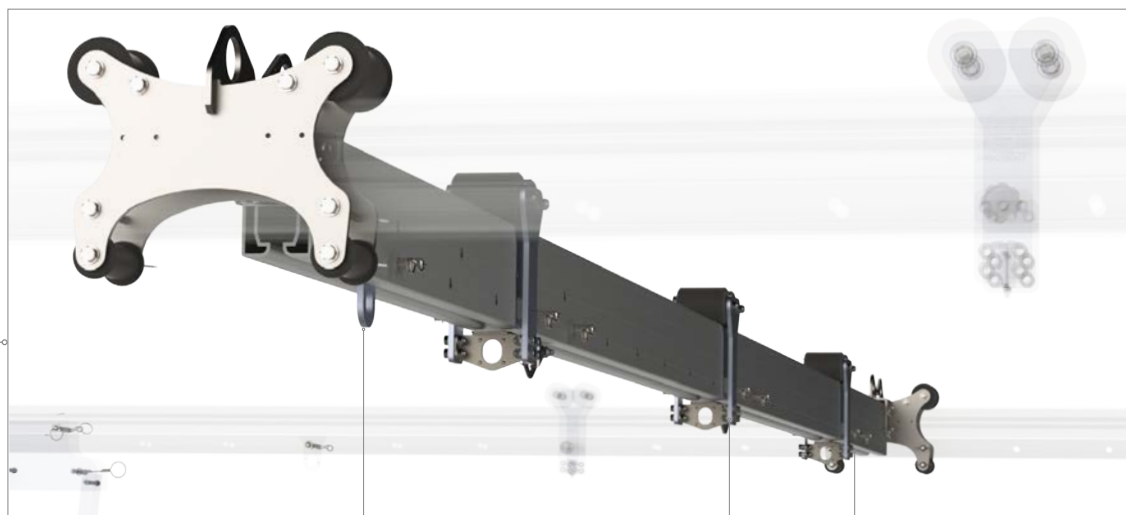
Parameters of available beams:

Weight Length WLL*

ASB200-001		26,7 kg	2 m	3 T
ASB300-001		40,1 kg	3 m	3 T
ASB400-001		53,4 kg	4 m	3 T
ASB500-001		66,7 kg	5 m	2,5 T
ASB600-001		80,1 kg	6 m	2 T
ASB700-001		93,5 kg	7 m	1,5 T

* for kit configuration with support C2 the acceptable WLL is 1T for all beam lengths

Beams



Central beam.

Inner personnel trolleys and outer material trolleys can be installed in any configuration on side beams and central beam until maximum gantry capacity is not exceeded.



MAX 5USERS



1000 kg



ASB 500-360

SUPPORT B1/C1
LIFTING EYE



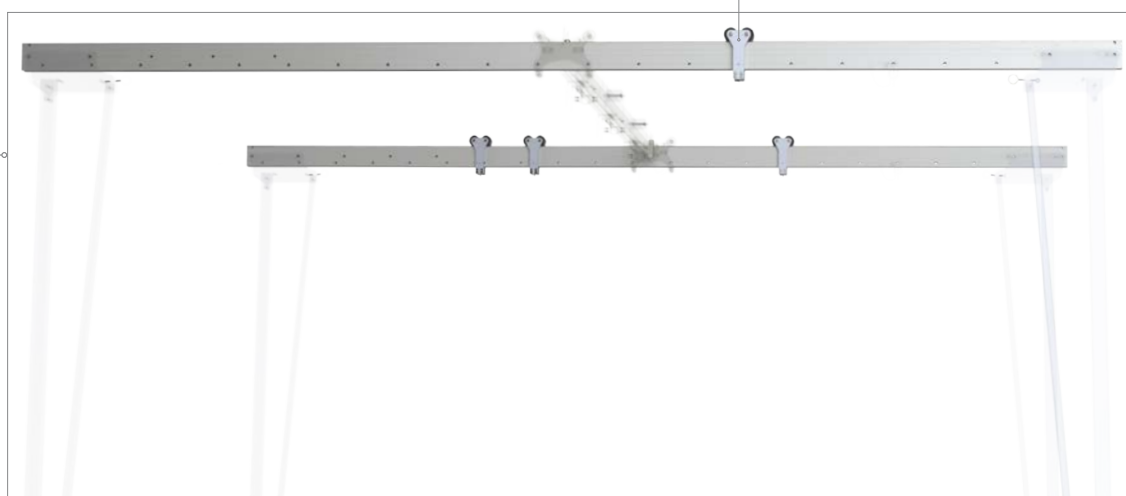
ASB 500-200

OUTER MATERIAL
TROLLEY



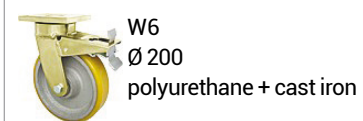
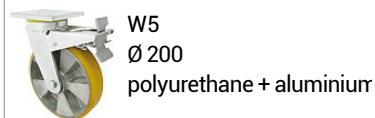
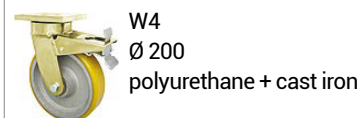
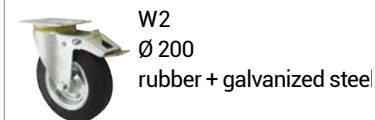
ASB500-250

INNER PERSONNEL
TROLLEY



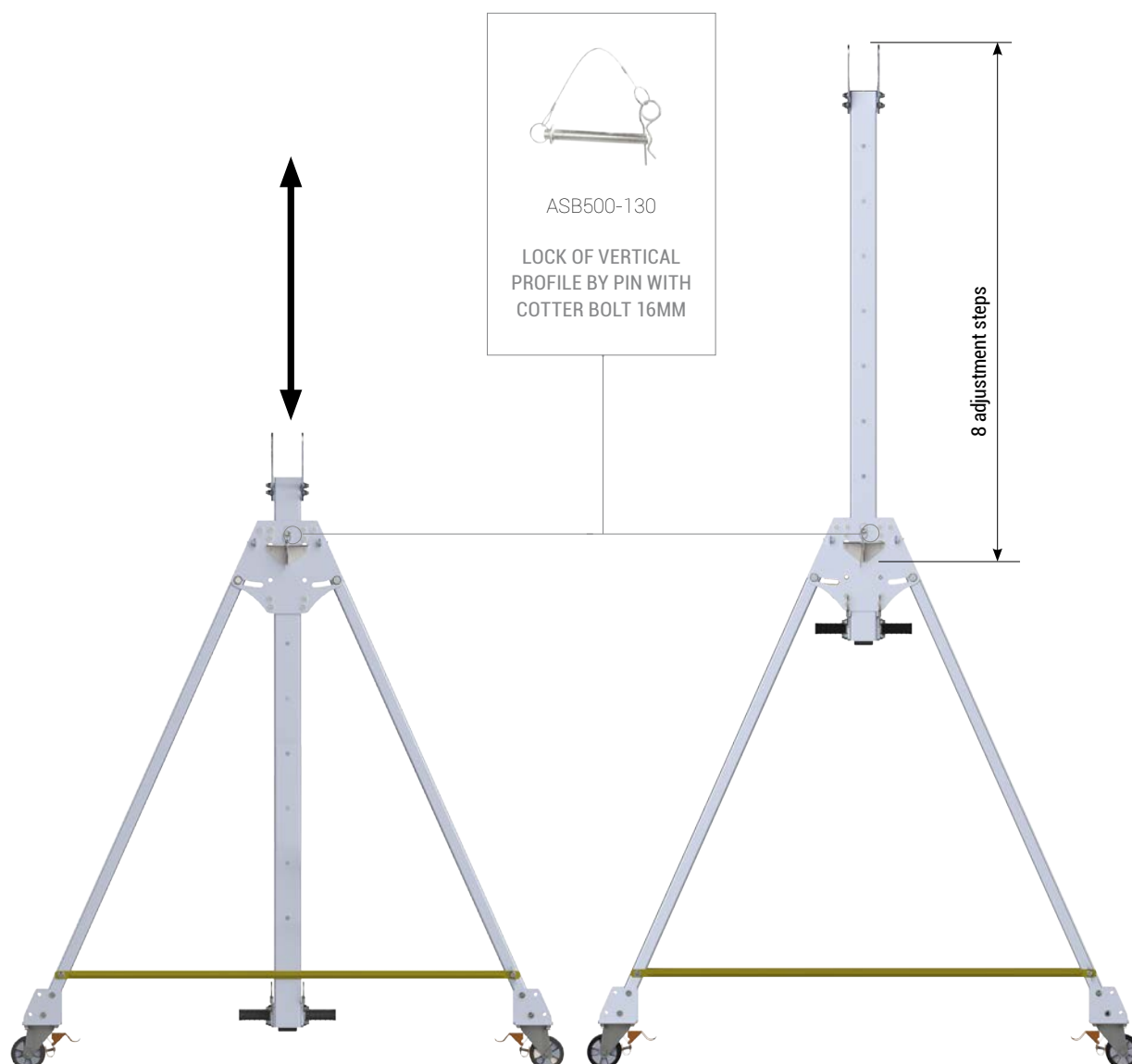
Side beams.

Supports



WHEEL SETS

Supports



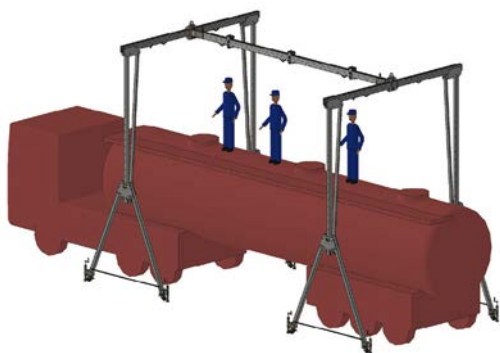
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Ref. no.	Part name	Height	Weight
ASB500-450-1	Supports A1 2x	1690-2168 mm	89,88kg
ASB500-100-1	Supports B1 2x	2207-3607 mm	115,86kg
ASB500-500-1	Supports C1 2x	3230-5430 mm	159,14kg
ASB500-500-2	Supports C2 2x	4230-6430 mm	215kg

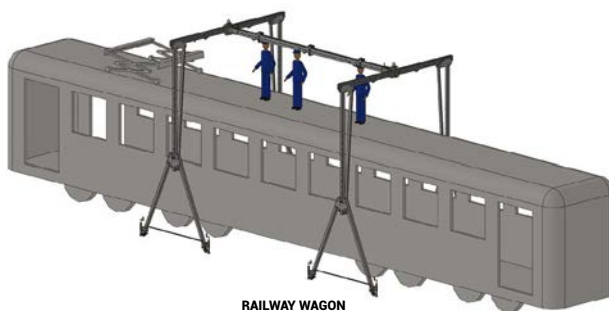
Configurations



Gantry deployed in H-configuration with central beam aligned with the protected area. The most common configuration.



TANKER



RAILWAY WAGON

Other examples of BAS system configurations



Modules



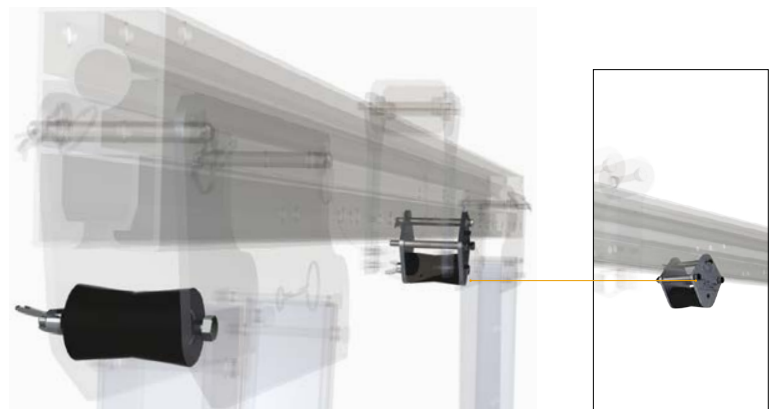
ASB500-250
Personnel trolley (inner)



Made of galvanized steel and stainless steel. Space savings - lifting eye is only 55mm under the beam. Position locking using pins with cotter bolts. Inner trolley is designed for personnel protection only. One trolley can be used by maximum one person.



ASB500-180 **ASB500-240**
Roller for support and roller for beam



Roller for support is made of polyamide and galvanized steel. It provides work line guidance when using RUP50x-T series rescue lifting devices. The roller is installed using bolt with wing nut between two upper support plates. Roller for beam is made of strengthened aluminium alloy, stainless steel and polyamide. It provides work line guidance when using RUP50x-T series rescue lifting devices. The roller is installed on beam using pin with cotter bolt.



ASB500-600
Beam transporter



Transporter made of aluminium alloy with hot-dip galvanized steel parts. Used for easy transport of the beam over long distances, equipped with solid rubber wheels dia. 200mm.



ASB500-300
Wheel support x 4



Supports made of galvanized powder-coated steel. Provide for device levelling on an uneven ground and ensure stability of the device when operating. Equipped with bolts and wing nuts for installation on support leg. Device ASB must be equipped with four wheel supports.



ASB500-813
ASB500-814
Spacers for supports 40mm and 80mm



Connectors increasing the distance between support and gantry leg by 40mm (ASB500-813) and 80mm (ASB500-814).



ASB500-570
Holder for retractable type fall arrester CRW200



Holder for retractable type fall arrester CRW200 installed on small or medium support side platen.

W4



Set of wheels (4 pcs.) dia. 200mm. Wheels made of cast iron with polyurethane coating with a capacity of up to 3000kg.

W5



Set of wheels (4 pcs.) dia. 200mm. Wheels made of aluminium with polyurethane coating. Wheels have hard tread 92 Shore A. Load Limit is 2000kg.

W6



Set of wheels (4 pcs.) dia. 200mm. Wheels made of cast iron with polyurethane coating. Load Limit is 5000kg.

LIFTING BEAMS



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Beam, lower catch:
Central catch:
Pins:

aluminium
galvanized, powder-coated steel
zinc-anodized steel

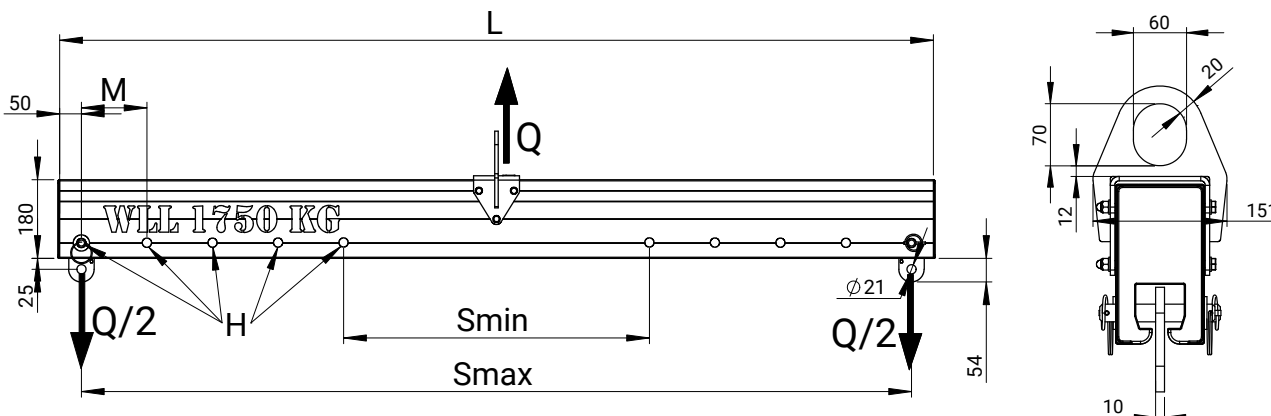
LIGHT
ALUMINIUM
LIFTING BEAM

TRA

Parameters of available beams:

		Weight	Length	WLL
TRA 100		9,4 kg	1 m	2 T
TRA 200		16 kg	2 m	1,75 T
TRA 300		22,6 kg	3 m	1,25 T
TRA 400		29,2 kg	4 m	0,7 T
TRA 500		35,8 kg	5 m	0,5 T

Modules



REF.NO:	L beam length [mm]	Q Working Load Limit [KG]	Smax [m]	Smin [m]	M hole spacing in adjustable beam [mm]	H number of adjustable holes (one side) [pcs.]	Weight [kg]
TRA050-H1-100-2000	0,5	2000	0,4	0,4	100	1	6,2
TRA100-H3-100-2000	1	2000	0,9	0,5	100	3	9,4
TRA150-H4-150-1750	1,5	1750	1,4	0,5	150	4	12,8
TRA200-H5-150-1750	2	1750	1,9	0,7	150	5	16,0
TRA250-H6-200-1500	2,5	1500	2,4	0,4	200	6	19,2
TRA250-H1-200-1500	2,5	1500	2,4	2,4	200	1	19,2
TRA300-H6-200-1250	3	1250	2,9	0,9	200	6	22,6
TRA350-H7-250-1000	3,5	1000	3,4	0,4	250	7	25,8
TRA400-H7-250-0750	4	750	3,9	0,9	250	7	29,2
TRA450-H7-300-0500	4,5	500	4,4	0,8	300	7	32,4
TRA500-H7-300-0500	5	500	4,9	1,3	300	7	35,8

Custom-made beams:

- Working Load Limit (WLL) of the beam cannot be changed freely (up to 1m WLL=2000kg, up to 2m WLL=1750kg, etc.),
- possible increment of overall beam length "L" is 50mm (0.05m) (minimum value is 0.5m / max 5.0m),
- possible increment of adjustment hole spacing "M" is 50mm (minimum value 100mm),
- $S_{max} [m] = L [m] - 0.1m$.

Hooks and shackles are sold separately.

TRA REFERENCE NUMBER:

TRAXXX-HX-XXX-XXXX
WHERE:

TRALLL-HH-MMM-QQQQ

L - overall beam length [cm]
[min. 050 - 0.5m
100 - 1m
150 - 1.5m
...
200 - 2m
375 - 3.75m
max 500 - 5m
increment: 0.05m]

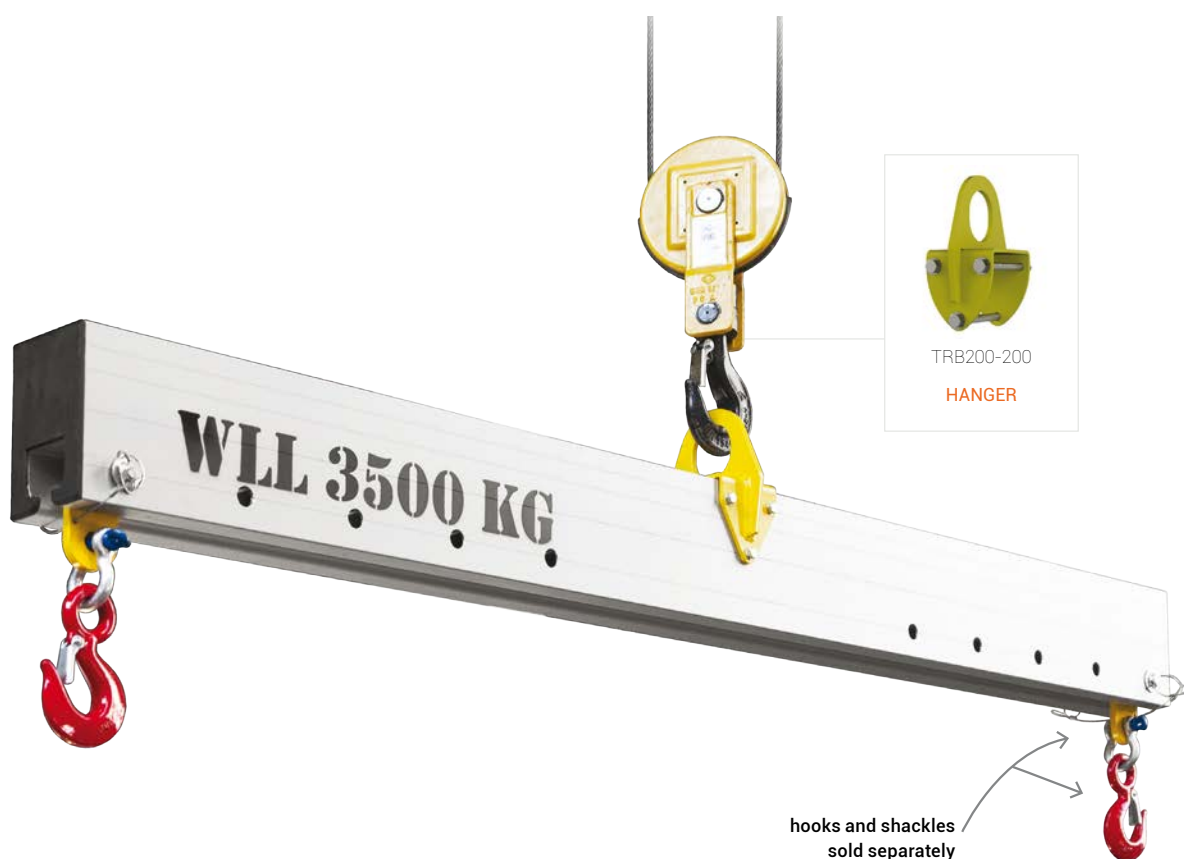
H - number of adjustment holes (one beam side)
H5 - 5 holes at one side

M - adjustment hole spacing [mm]
min. 100mm
increment: 50mm
the same dimension for all holes

Q - WLL [kg]
up to 1m - 2000kg
up to 2m - 1750kg
up to 2.5m - 1500kg
up to 3m - 1250kg
up to 4m - 750kg
up to 5m - 500kg

TRB

Model Gantry ALU PLUS



Beam, lower catch: aluminium
 Central catch: galvanized, powder-coated steel
 Pins: zinc-anodized steel

HEAVY
 ALUMINIUM
 LIFTING
 BEAM

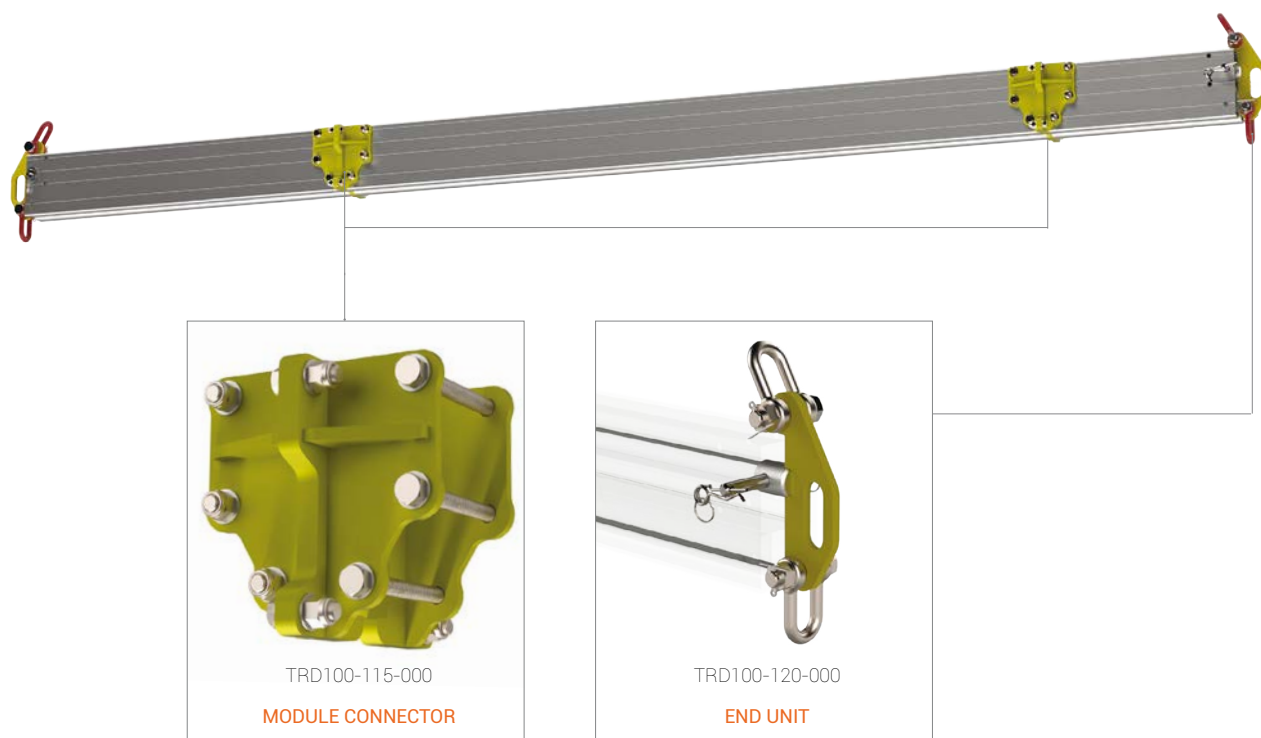
TRB

Parameters of available beams:

Weight Length WLL

TRB 100		16,7 kg	1 m	4 T
TRB 200		30 kg	2 m	3,5 T
TRB 300		43 kg	3 m	2,5 T
TRB 400		56,7 kg	4 m	1,75 T
TRB 500		70,1 kg	5 m	1,25 T

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MODULAR
ALUMINIUM
CROSS-BEAM

TRD

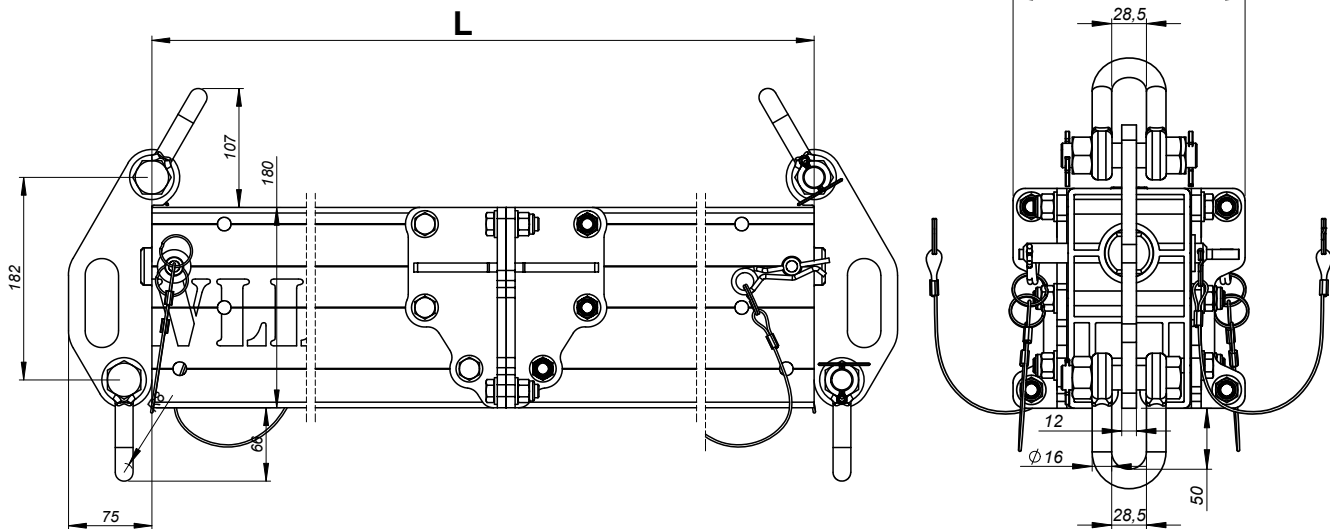
Beam, lower catch: aluminium
Central catch: galvanized, powder-coated steel
Pins: zinc-anodized steel

BEAM LENGTH: 0.5m to 5m
WLL: 1250kg to 4000kg

Model Gantry ALU PLUS

TRD

Modules



REF. NO.:		WEIGHT
TRD100-115-000	module connector	2,35 kg
TRD100-120-000	end unit	3,02 kg
TRD050-000-001	beam module length 0.5m	6,68 kg
TRD100-000-001	beam module length 1.0m	13,35 kg
TRD200-000-001	beam module length 2.0m	26,7 kg

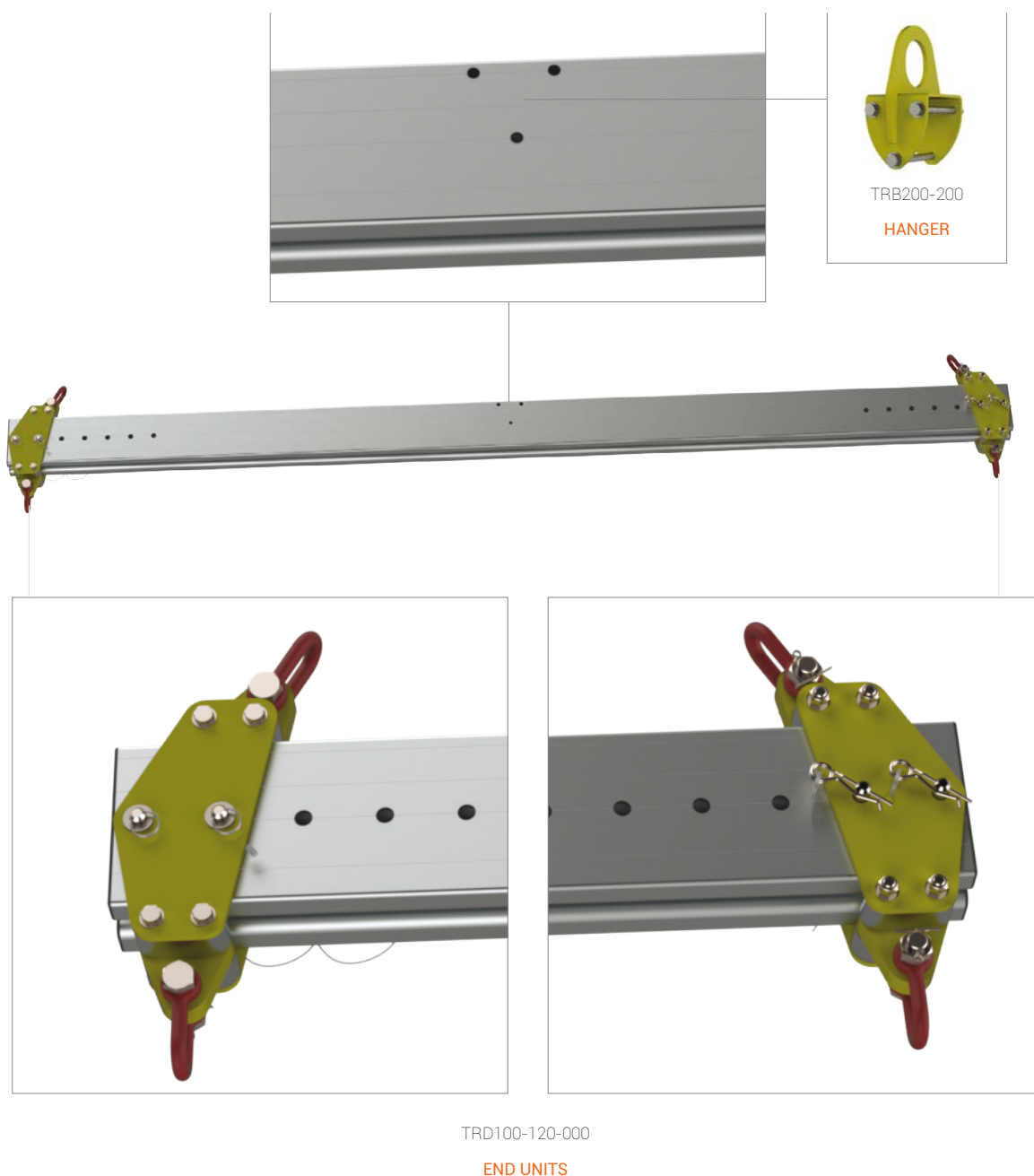
Expansion beam TRD has a modular design. Each beam comprises two end units equipped with attachment points as shackles. End unit can be installed on the beam using pins with cotter bolt. Beam span can be constructed by means of three partial beams (sizes: 0.5 / 1.0 / 2.0m) using beam connectors.

REF. NO.:	L beam length [mm]	WLL Working Load Limit [kg]	WEIGHT [kg]	TRD050-000-001	TRD100-000-001	TRD200-000-001	TRD100-115-000	TRD100-130-000
TRD050-000-000	0,5	3000	12,7	1				2
TRD100-000-000	1,0	3000	19,4		1			2
TRD150-000-000	1,5	3000	28,4	1	1		1	2
TRD200-000-000	2,0	3000	32,7			1		2
TRD250-000-000	2,5	3000	41,8	1		1	1	2
TRD300-000-000	3,0	3000	48,4		1	1	1	2
TRD350-000-000	3,5	3000	57,5	1	1	1	2	2
TRD400-000-000	4,0	3000	59,4			2		2
TRD450-000-000	4,5	3000	68,5	1		2	1	2
TRD500-000-000	5,0	3000	75,1		1	2	1	2
TRD550-000-000	5,5	3000	84,2	1	1	2	2	2
TRD600-000-000	6,0	3000	86,1			3		2
TRD650-000-000	6,5	3000	95,2	1		3	1	2
TRD700-000-000	7,0	3000	99,5		1	3		2

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TRO

Model Gantry ALU PLUS



ONE-PIECE
ALUMINIUM
EXPANSION
BEAM

TRO

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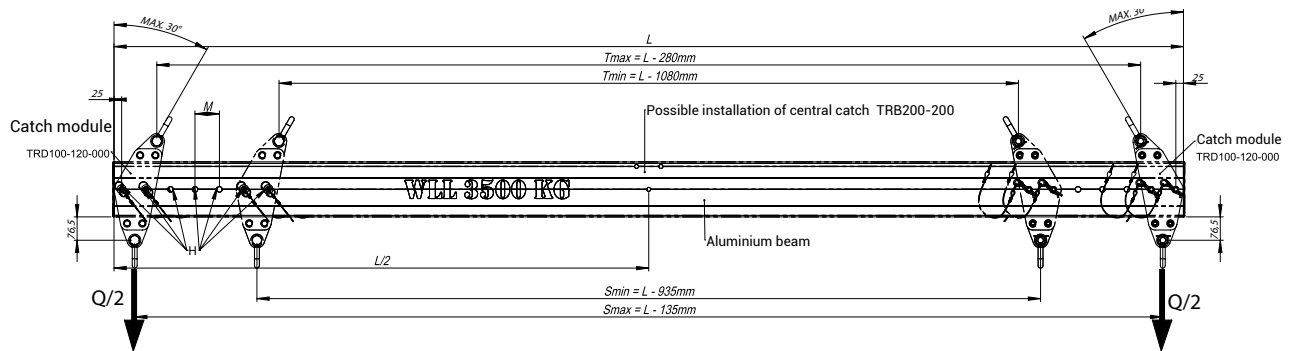
Beam, lower catch:
Central catch:
Pins:

aluminium
galvanized, powder-coated steel
zinc-anodized steel

BEAM LENGTH:
WLL:

1.5m to 7.0mm
3500 kg

Technical data



REF. NO.:	L beam length [mm]	Q Working Load Limit [kg]	Smax [m]	Smin [m]	Tmax [m]	Tmin [m]	M hole spacing in adjustable beam [mm]	H number of ad- justable holes (one side) [pcs.]	WEIGHT [kg]
TRO150-H7-080-3500	1,5	3500	1,365	0,565	1,22	0,42	080	7	31,4
TRO200-H7-080-3500	2	3500	1,865	1,065	1,72	0,92	080	7	38,1
TRO250-H7-080-3500	2,5	3500	2,365	1,565	2,22	1,42	080	7	44,8
TRO250-H7-080-3500	2,5	3500	2,365	1,565	2,22	1,42	080	7	44,8
TRO300-H7-080-3500	3	3500	2,865	2,065	2,72	1,92	080	7	51,4
TRO350-H7-080-3500	3,5	3500	3,365	2,565	3,22	2,42	080	7	58,1
TRO400-H7-080-3500	4	3500	3,865	3,065	3,72	2,92	080	7	64,8
TRO450-H7-080-3500	4,5	3500	4,365	3,565	4,22	3,42	080	7	71,5
TRO500-H7-080-3500	5	3500	4,865	4,065	4,72	3,92	080	7	78,1
TRO550-H7-080-3500	5,5	3500	5,365	4,565	5,22	4,42	080	7	84,8
TRO600-H7-080-3500	6	3500	5,865	5,065	5,72	4,92	080	7	91,5
TRO650-H7-080-3500	6,5	3500	6,365	5,565	6,22	5,42	080	7	98,2
TRO700-H7-080-3500	7	3500	6,865	6,065	6,72	5,92	080	7	104,8

One-piece expansion beam TRO is a support device designed for use when handling lifted long loads with a maximum weight of "Q" [kg]. Overall beam length is marked as "L" [m]. Span of lower holders of catch module TRD100-120-000 is adjustable between "Smax" and "Smin" with increment "M" [mm] in "H-2" hole positions (similarly to span of upper holders "Tmax" and "Tmin"). Complete beam TRO includes aluminium beam of an adequate length and two catch modules TRD100-120-000 with shackles.

Maximum deflection from the vertical of the sling connected to the upper catch cannot exceed MAX. 30°. In the central part of the beam central catch TRB200-200 can be installed.

TRO REFERENCE NUMBER

TRO350-H7-080-3500
WHERE:

TROLLL-HH-080-3500

L - overall beam length [cm]
min. 150 - 1m
200 - 2m
250 - 2.5m
...
600 - 6m
650 - 6.5m
max 700 - 7m
increment: 0.5m

H - number of adjustment holes (one beam side)
H3 - 3 holes at one side

M - adjustment hole spacing [mm]
CONSTANT VALUE
M=80mm
the same dimension for each hole

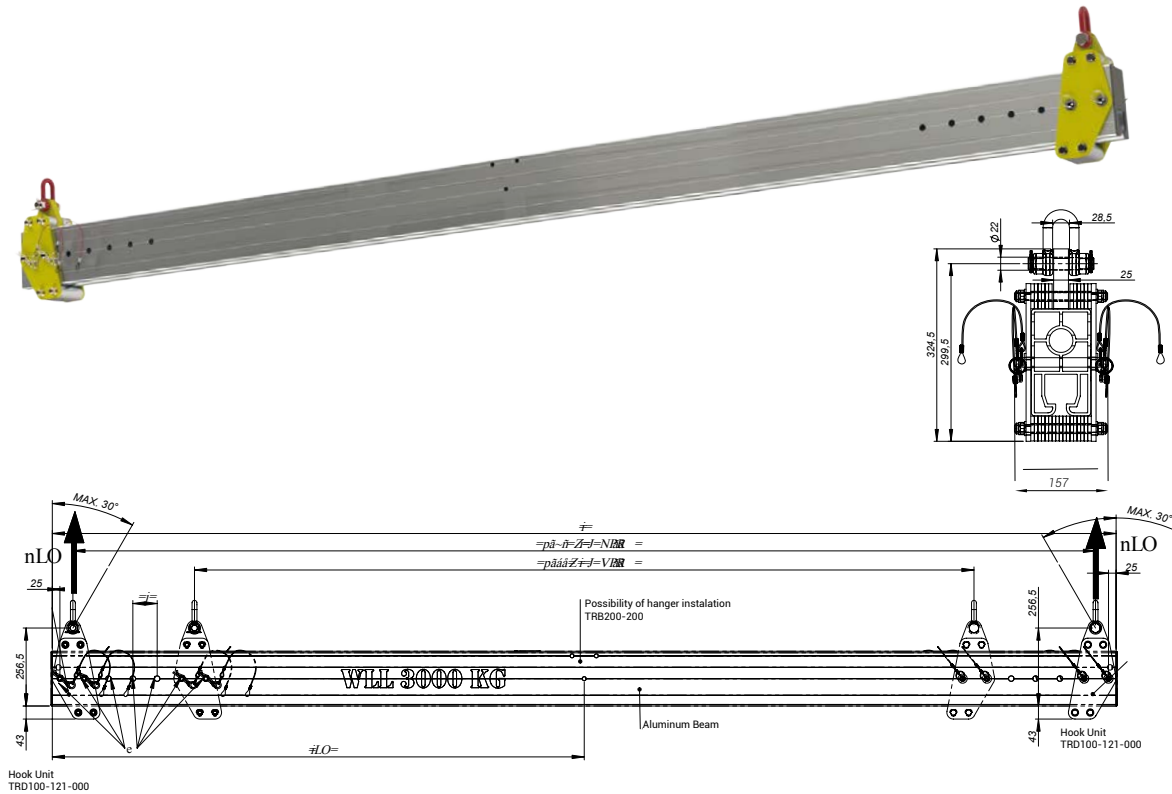
Q - WLL [kg]
CONSTANT VALUE 3500kg

MOBILE HOME
LIFTING
BEAM

TRM

Beam, lower catch: aluminium
Central catch: galvanized, powder-coated steel
Pins: zinc-anodized steel

BEAM LENGTH: 3.5m - 5 m
HOLE SPACING: 80 mm
WLL: 3000 kg



REF	L [m]	Q - WLL [kg]	Smax [m]	Smin [m]	Tmax [m]	Tmin [m]	M hole step [mm]	H holes one side [pcs]	Weight [kg]
TRM350-H7-080-3000	3,5	3000	3,365	2,565	3,22	2,42	080	7	46,73
TRM500-H7-080-3000	5	3000	4,865	4,065	4,72	3,92	080	7	66,75

TRM350-H7-080-3000
WHERE:

H - number of adjustment holes (one beam side)
H7 - 7 holes at one side CONSTANT VALUE

TRMLLL-H7-080-3000

Q - WLL [kg]
CONSTANT VALUE 3000kg

L - overall beam length [cm]
350 - 3m
500 - 5m

M - adjustment hole spacing [mm]
CONSTANT VALUE
M=80mm
the same dimension for each hole



TRD -MODULAR ALUMINIUM CROSS-BEAM

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