PROTEKT®

FOLDING ALUMINUM GANTRY CRANES

ASB, LSB, KSB, KSB-LE, FSB

03/2019



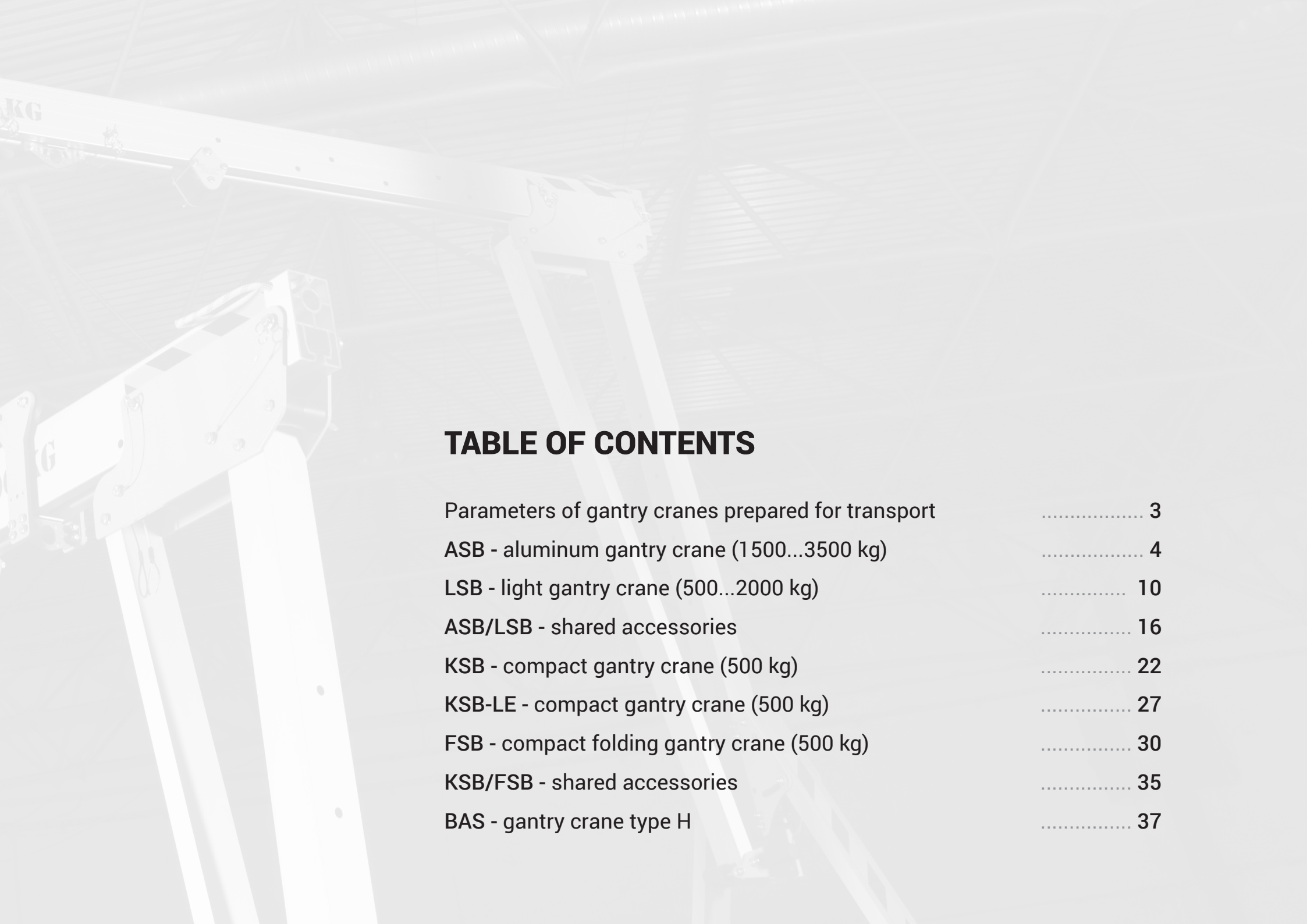


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GANTRY CRANES PREPARED FOR TRANSPORTATION

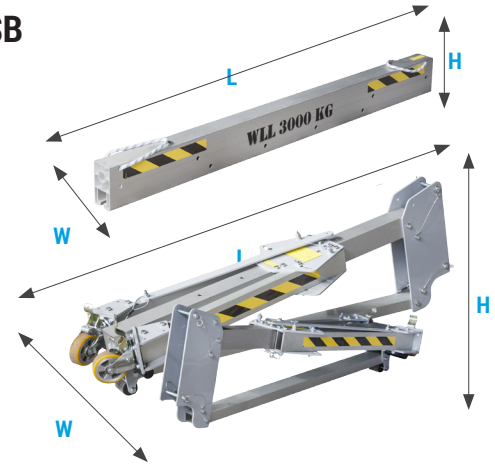
Gantry cranes ASB / LSB / KSB – transport dimensions			
	length (cm) „L"	width (cm) „W"	height (cm) „H"
2 supports – set A1 (ASB), E1 (LSB)	190	80	75
2 supports – set B1 (ASB), F1 (LSB)	295	80	75
2 supports – set C1 (ASB), G1 (LSB)	370	115	75
beam 2 m	210	15	75
beam 3 m	310	15	75
beam 4 m	410	15	75
beam 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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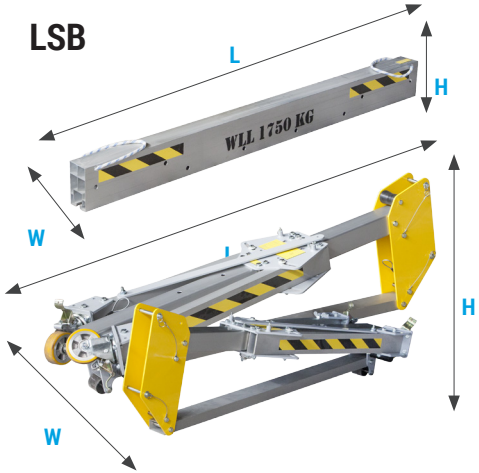
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In case of certain groups of products, there is a possibility of ordering the equipment in other configurations. The returns are not possible for products modified in accordance with Customer's requests and for custom-made products.

ASB



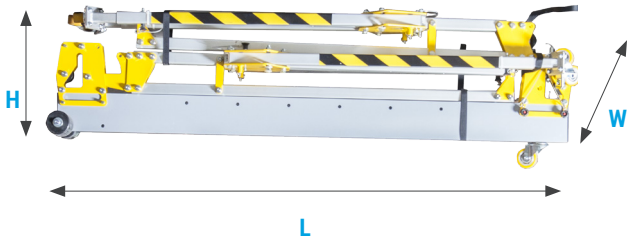
LSB



KSB



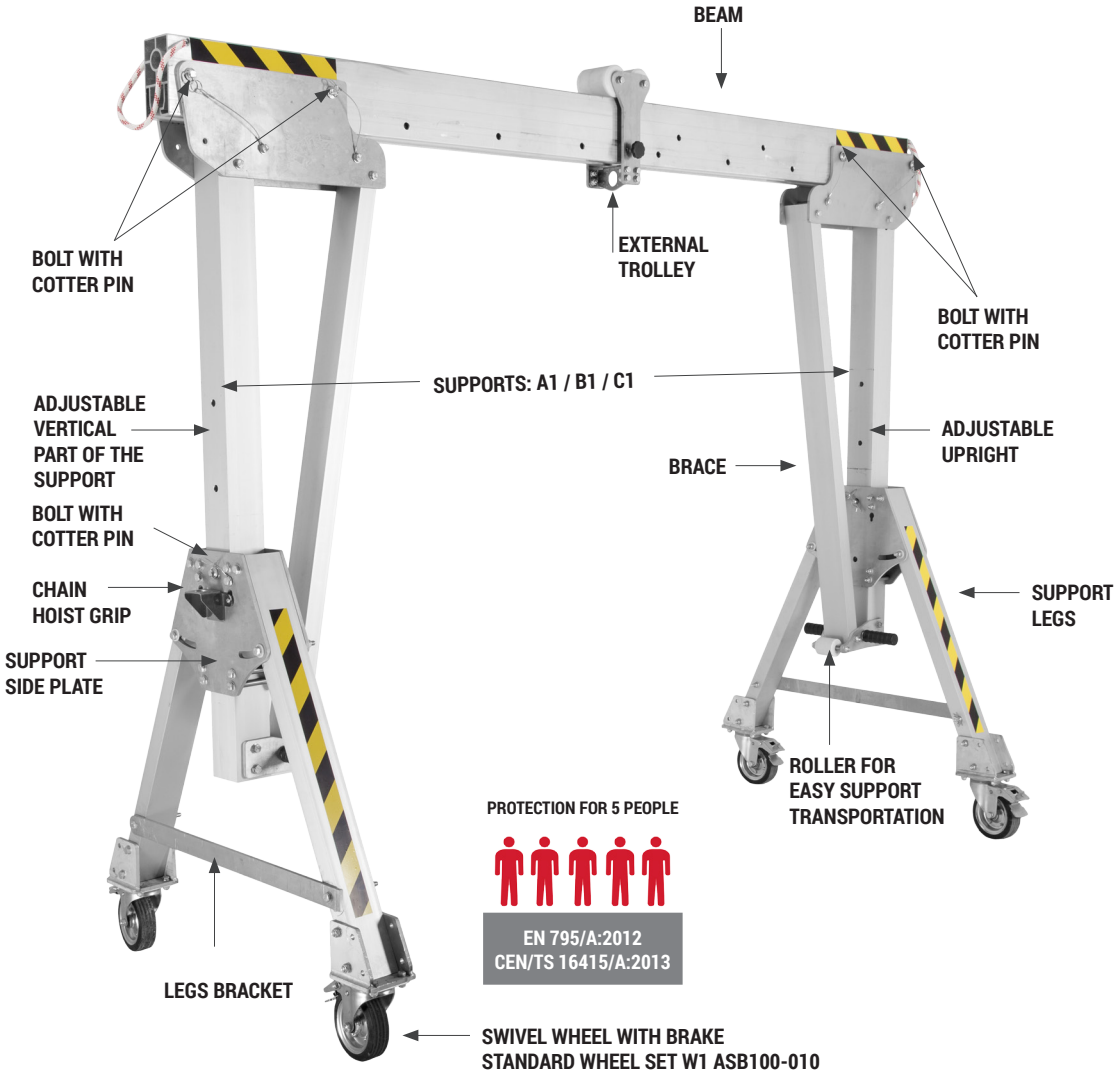
FSB



ASB ALUMINUM GANTRY CRANE

PRODUCT PRESENTATION

protekt.co/asben



Aluminum gantry crane (ASB series) is a complete, lightweight, fully customizable, portable device designed for lifting loads up to the related Working Load Limit (WLL). WLL is always indicated on the beam.
Device can be used in variety of lifting applications such as: drainage wells, rservoirs, wells, silos, rooftop, lift-shaft, waste water and many more. ASB can be used with chain hoists, RUP50x-T series devices for lifting loads.
For lifting loads external trolley must be used.

ASB device can be used for personal protection purposes as component of personal protective equipment against fall from height.
For personal protection internal trolley must be used.

Beam length: from 2 to 7 meters
Support height: three basic types - A1 / B1 / C1
Working Load Limit (WLL): **1500 kg up to 3000 kg**
(depends on configuration - please see Technical Data Table).
Safety factor for lifting loads: 2,1:1.
Safety factor for personal rescue: 10:1.
Protection for maximum five people at the same time.

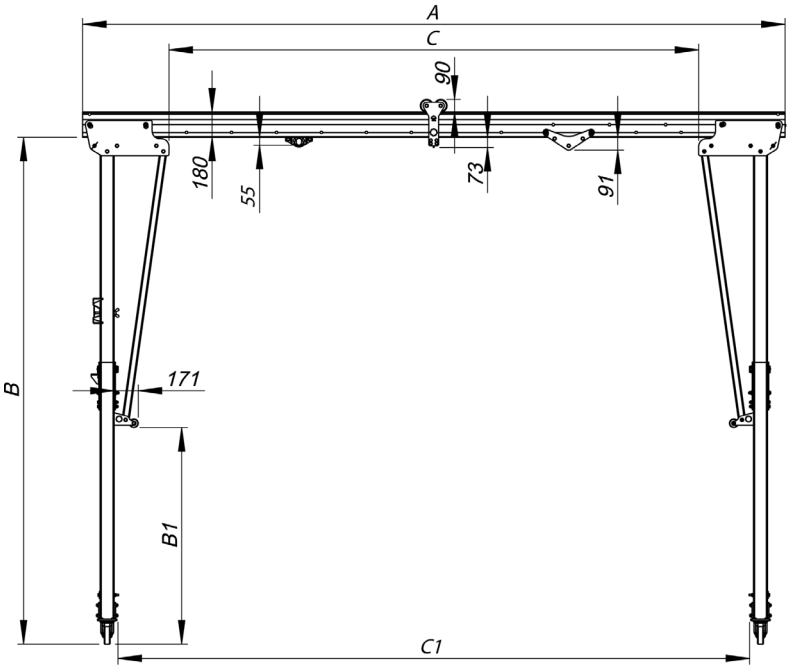
BENEFITS:

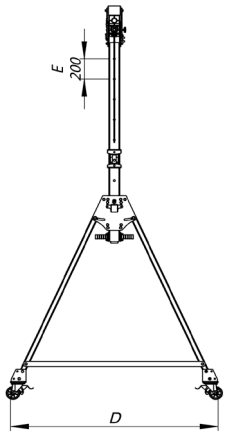
- Modular design, flexibility.
- Fast assembly using bolt with cotter pin. No need additional tools.
- RUP50x-T lifting devices can be used for loads lifting operations.
- RUP50x rescue lifting devices can be used for rescue purposes.



TECHNICAL DATA TABLE

"A" Total beam length [mm]	"C" Working span [mm]	"C1" Bottom span [mm]	Beam weight [kg]	SMALL SUPPORT A1 WLL [kg]	MEDIUM SUPPORT B1 WLL [kg]	LARGE SUPPORT C1 WLL [kg]
2000	770	1496	26,7	3000*	3000	3000
3000	1770	2496	40,1	3000*	3000	3000
4000	2770	3496	53,4	3000	3000	3000
5000	3770	4496	66,5	2500	2500	2500
6000	4770	5496	80,1	2000	2000	2000
7000	5770	6496	93,5	1500	1500	1500
*On special order, we make 2 and 3 m beams with a load capacity (WLL) of 3,500 kg when using A1 supports.						
Support weight (one side) [kg]				38,2	50,2	71,8
"B" – Support height (min... max) [mm]				1594...2194	2207...3607	3230...5430
"B1" – Under roller height (min... max) [mm]				34...634	141...1541	164...2364
"D" –Legs spacing [mm]				1115	1928	2834
"E" – Support height increment [mm]				200		





ASB REFERENCE

ASBXXX-YY-ZZ
WHERE:

ASBXXX-YY-ZZ

YY - support height option [A1 / B1 / C1]

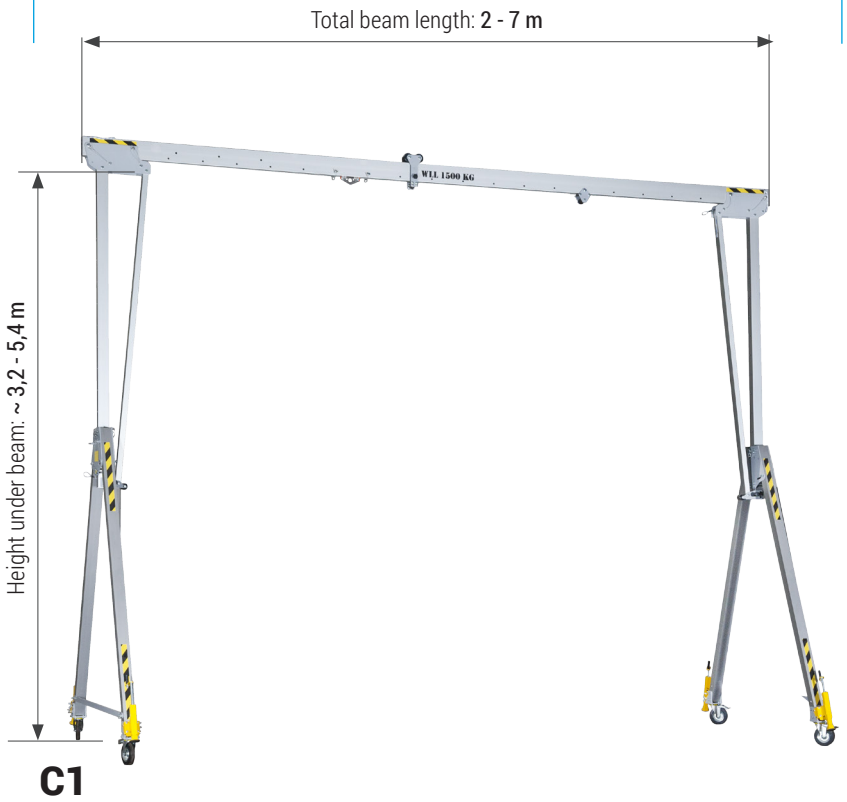
ZZ - wheels set type [W1 / W2 / W3]

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

EXAMPLE: **ASB500-B1-W1** - 5 meter beam with support B1 with standard Ø 160 mm galvanized steel with solid rubber tyre wheels.

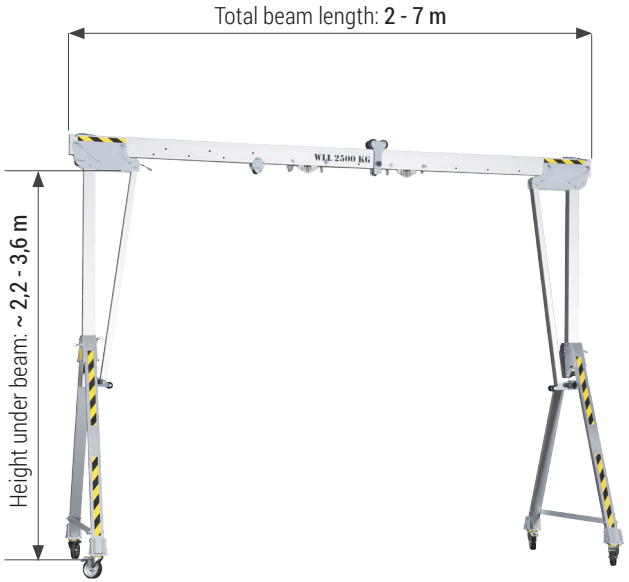
ASB AVAILABLE SIZES

LARGE “C1”



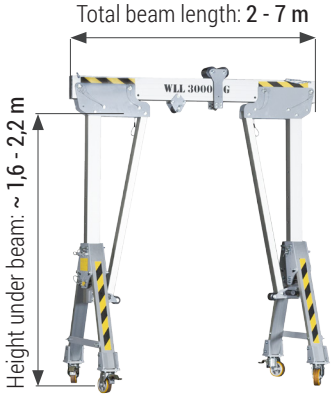
C1

MEDIUM “B1”



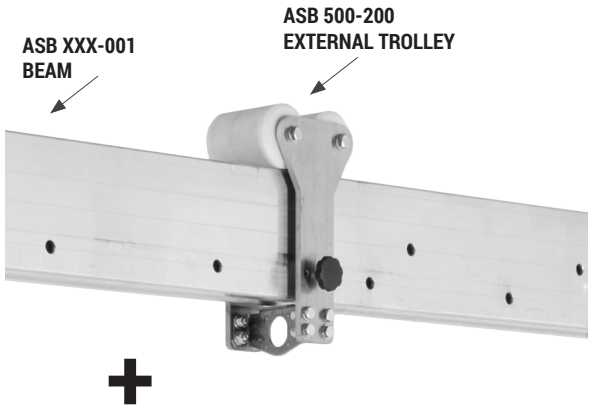
B1

SMALL “A1”



A1

WLL: 1500 - 3000 KG



ASB500-360



USED FOR FOLDING CRANE

Ref Nr.	Part name	Weight
ASB200-001 + ASB500-200 + ASB500-360	**2 m** beam with external trolley and hitch for raising the support	**31,20kg**
ASB300-001 + ASB500-200 + ASB500-360	**3 m** beam with external trolley and hitch for raising the support	**45,02kg**
ASB400-001 + ASB500-200 + ASB500-360	**4 m** beam with external trolley and hitch for raising the support	**58,37kg**
ASB500-001 + ASB500-200 + ASB500-360	**5 m** beam with external trolley and hitch for raising the support	**71,72kg**
ASB600-001 + ASB500-200 + ASB500-360	**6 m** beam with external trolley and hitch for raising the support	**85,07kg**
ASB700-001 + ASB500-200 + ASB500-360	**7 m** beam with external trolley and hitch for raising the support	**98,42kg**

ASB SUPPORT



ASB500-140
CHAIN HOIST GRIP

Ref Nr.	Part name	Wheels - options to choose from
ASB500-450-1 + wheel set + ASB500-140 **x2**	**A1 support - pair** 1,6…2,2 m Wheels set included. Chain hoist grip included. **89,88kg**	**W1**  **Ø 160**
ASB500-100-1 + wheel set + ASB500-140 **x2**	**B1 support - pair** 2,2…3,6 m Wheels set included. Chain hoist grip included. **115,86kg**	**W2**  **Ø 200**
ASB500-500-1 + wheel set + ASB500-140 **x2**	**C1 support - pair** 3,2…5,4 m Wheels set included. Chain hoist grip included. **159,14kg**	**W3**  **Ø 125**

BEAM ref nr. ASBxxx-001

ref. ASBxxx-001 (where ‚xxx' - beam length in cm] Made of aluminium alloy with inside rail (for internal trolley). Can be used with external and internal trolleys.
Available beam length: 2 / 3 / 4 / 5 / 6 / 7 m.
Beam length and weight - Technical Data Table.



SUPPORT

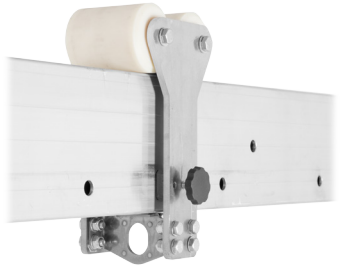
A1 - ref nr. ASB500-450-1
B1 - ref nr. ASB500-100-1
C1 - ref nr. ASB500-500-1
Made of aluminium alloy. Various height options. 200mm height adjustment. Foldable construction. Two the same supports are needed for one beam. Equipped with three bolts with cotter pin (described in Optional Equipment).
Available support types: A1 / B1 / C1. Support height and weight - Technical Data Table and Basic support types section.



A1 **B1** **C1**

EXTERNAL TROLLEY ref nr. ASB500-200

Made of aluminium alloy, stainless steel and polyamide parts. Position locking using knob.
External trolley can be used for lifting loads only.



CHAIN HOIST GRIP ref nr. ASB500-140

Made of stainless steel. Provides safety rising and lowering the adjustable vertical part of the support during device installation on the working site. Chain hoist grip is installed, on support side plates holes.
Must be used with 250... 1500 kg chain hoist.
A device for folding the crane.



HITCH FOR RAISING THE SUPPORT
ref nr. ASB500-360

Made of aluminium alloy / galvanized steel. Used during raising and lowering the device support. Chain hoist is attached to the hitch ear. MUST BE USED with B1/C1 support. **A device for folding the crane.**



WHEELS

Support can be equipped with three types of swivel wheels with brake:
W1 - ref. ASB100-010 - Ø 160 mm solid tyres for general use (**standard**).
W2 - ref. ASB100-020 - Ø 200 mm solid tyres for general use.
W3 - ref. ASB100-030 - Ø 125 mm solid tyres for cleanroom.

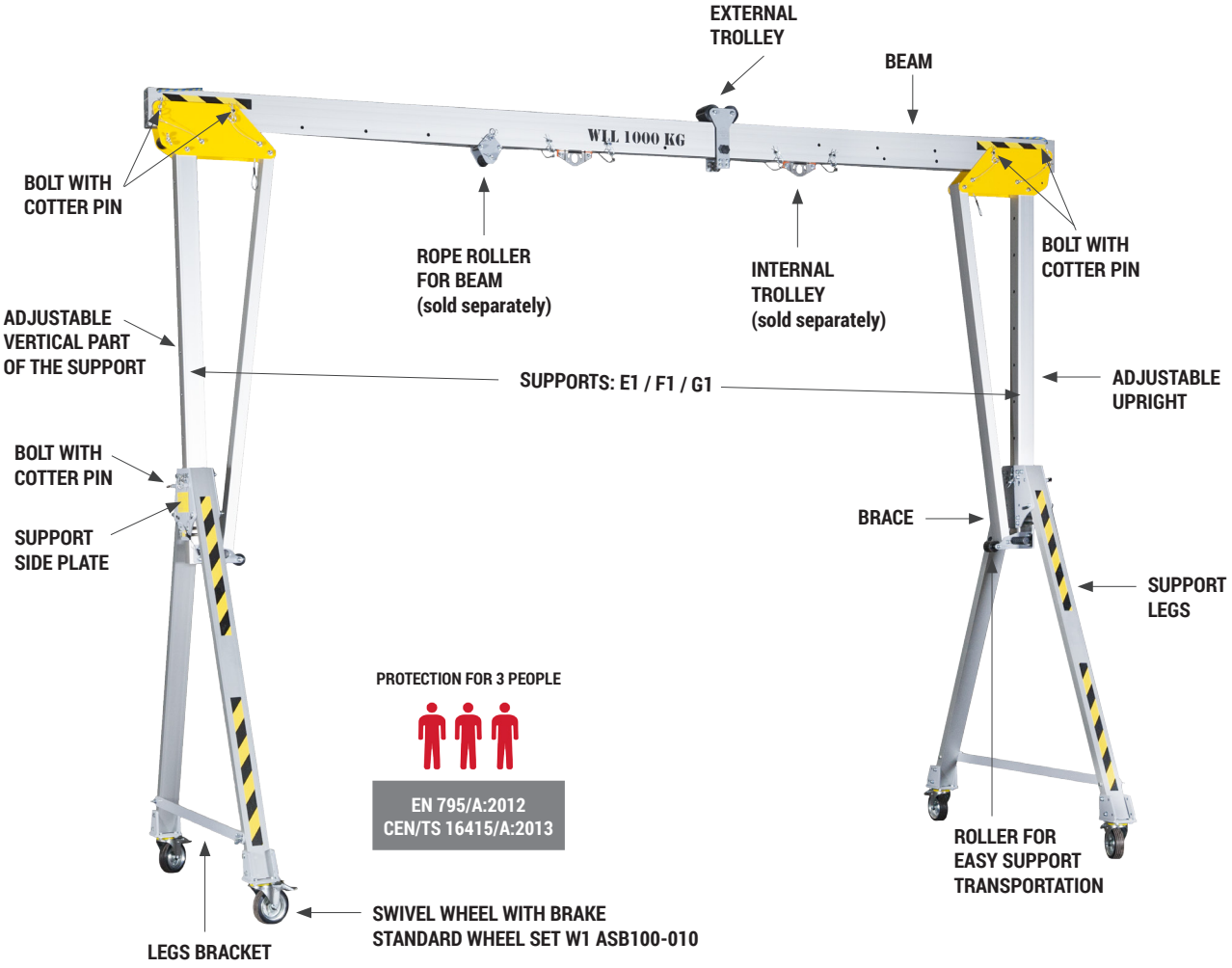


W1 **W2** **W3**

LSB LIGHT GANTRY CRANE

PRODUCT PRESENTATION

protekt.co/lsben



Light gantry crane (LSB series) is a complete, lightweight, fully customizable, portable device designed for lifting loads up to the related Working Load Limit (WLL). WLL is always indicated on the beam.
Device can be used in variety of lifting applications such as: drainage wells, rservoirs, wells, silos, rooftop, lift-shaft, waste water and many more. LSB can be used with chain hoists, RUP50x-T series devices for lifting loads.
For lifting loads external trolley must be used.

LSB device can be used for personal protection purposes as component of personal protective equipment against fall from height.
For personal protection internal trolley must be used.

Beam length: from 2 to 7 meters
Support height: three basic types - E1 / F1 / G1
Working Load Limit (WLL): **500 kg up to 2000 kg**
(depends on configuration - please see Technical Data Table).
Safety factor for lifting loads: 2,1:1.
Safety factor for personal rescue: 10:1.
Protection for maximum three people at the same time.

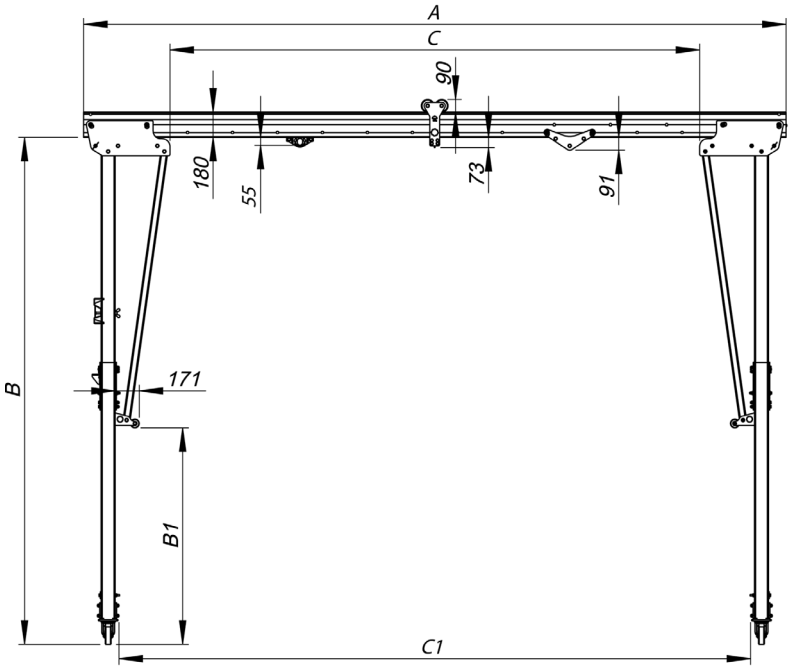
BENEFITS:

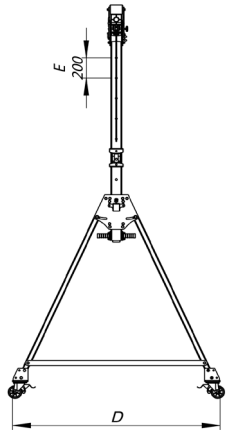
- Modular design, flexibility.
- Fast assembly using bolt with cotter pin. No need additional tools.
- RUP50x-T lifting devices can be used for loads lifting operations.
- RUP50x rescue lifting devices can be used for rescue purposes.



TECHNICAL DATA TABLE

"A" Total beam length [mm]	"C" Working span [mm]	"C1" Bottom span [mm]	Beam weight [kg]	SMALL SUPPORT E1 WLL [kg]	MEDIUM SUPPORT F1 WLL [kg]	LARGE SUPPORT G1 WLL [kg]
2000	770	1496	13,2	2000	1750	1750
3000	1770	2496	19,7	1500	1500	1500
4000	2770	3496	26,3	1250	1250	1250
5000	3770	4496	32,8	1000	1000	1000
6000	4770	5496	39,4	750	750	750
7000	5770	6496	46,0	500	500	500
Support weight (one side) [kg]				34,0	45,0	62,0
"B" – Support height (min... max) [mm]				1594...2194	2207...3607	3230...5430
"B1" – Under roller height (min... max) [mm]				34...634	141...1541	164...2364
"D" –Legs spacing [mm]				1115	1928	2834
"E" – Support height increment [mm]				200		





LSB REFERENCE

ASBXXX-YY-ZZ
WHERE:

LSBXXX-YY-ZZ

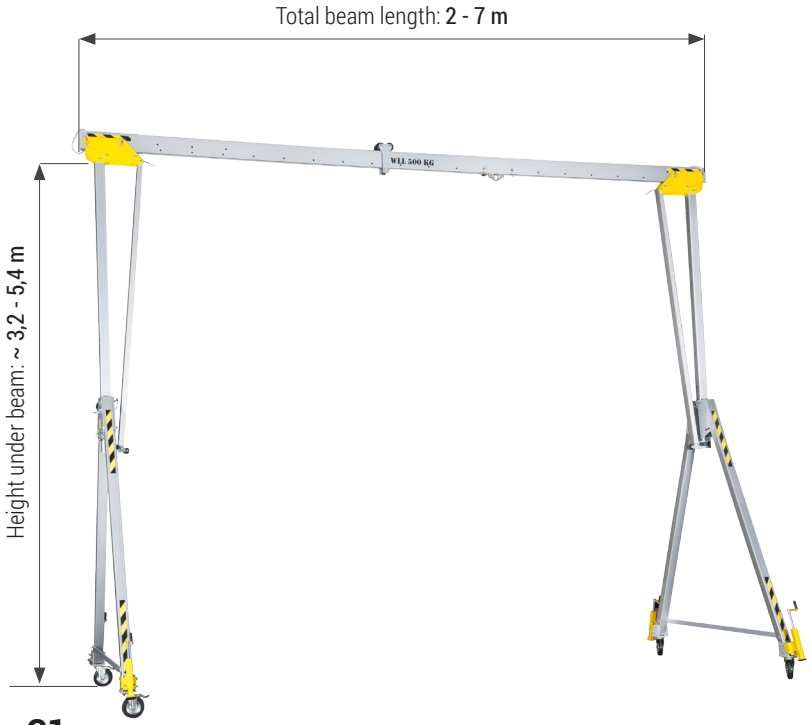
YY - support height option [E1 / F1 /G1]

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

EXAMPLE: **LSB500-F1-W1** - 5 meter beam with support F1 with standard Ø 160 mm galvanized steel with solid rubber tyre wheels.

LSB AVAILABLE SIZES

LARGE “G1”



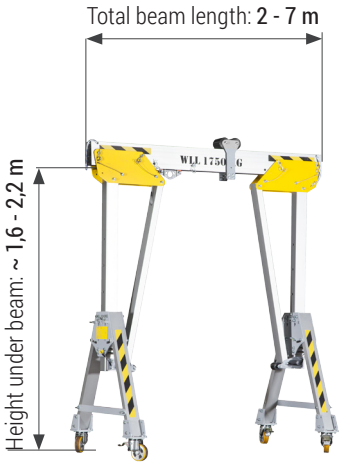
G1

MEDIUM “F1”



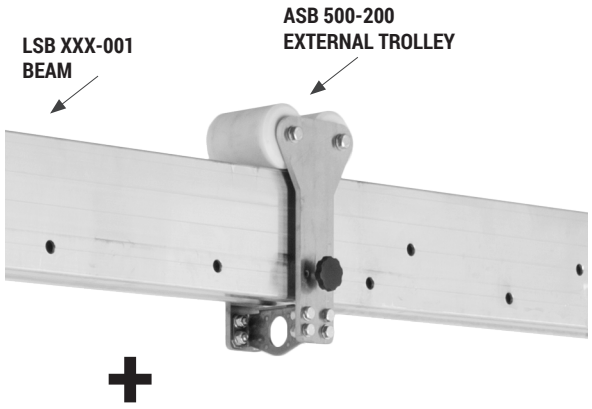
F1

SMALL “E1”



E1

WLL: 500 - 2000 KG



ASB500-360



USED FOR FOLDING CRANE

Ref Nr.	Part name	Weight
LSB200-001 + ASB500-200 + ASB500-360	**2 m** beam with external trolley and hitch for raising the support	**18,10kg**
LSB300-001 + ASB500-200 + ASB500-360	**3 m** beam with external trolley and hitch for raising the support	**24,66kg**
LSB400-001 + ASB500-200 + ASB500-360	**4 m** beam with external trolley and hitch for raising the support	**31,23kg**
LSB500-001 + ASB500-200 + ASB500-360	**5 m** beam with external trolley and hitch for raising the support	**37,79kg**
LSB600-001 + ASB500-200 + ASB500-360	**6 m** beam with external trolley and hitch for raising the support	**44,35kg**
LSB700-001 + ASB500-200 + ASB500-360	**7 m** beam with external trolley and hitch for raising the support	**50,92kg**

LSB SUPPORT



ASB500-140
CHAIN HOIST GRIP

Ref Nr.	Part name	Wheels - options to choose from
LSB500-450-1 + wheel set + ASB500-140 **x2**	**E1 support - pair** 1,6...2,2 m Wheels set included. Chain hoist grip included. **80,24kg**	**W1**  **Ø 160**
LSB500-100-1 + wheel set + ASB500-140 **x2**	**F1 support - pair** 2,2...3,6 m Wheels set included. Chain hoist grip included. **103,88kg**	**W2**  **Ø 200**
LSB500-500-1 + wheel set + ASB500-140 **x2**	**G1 support - pair** 3,2...5,4 m Wheels set included. Chain hoist grip included. **137,38kg**	**W3**  **Ø 125**

BEAM ref nr. LSBxxx-001 (where 'xxx' - length of the beam in cm)

Made of aluminium alloy with inside rail (for internal trolley).
Can be used with external and internal trolleys.
Available beam length: 2 / 3 / 4 / 5 / 6 / 7 m.
Beam length and weight - Technical Data Table.



SUPPORT

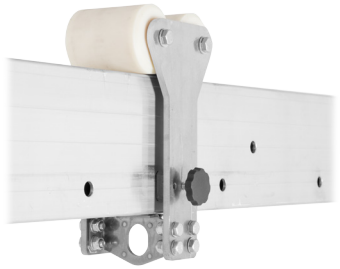
E1 - ref nr. LSB500-450-1
F1 - ref nr. LSB500-100-1
G1 - ref nr. LSB500-500-1
Made of aluminium alloy. Various height options. 200mm height adjustment. Foldable construction. Two the same supports are needed for one beam. Equipped with three bolts with cotter pin (described in Optional Equipment). Available support types: E1 / F1 / G1. Support height and weight - Technical Data Table and Basic support types section.



E1 **F1** **G1**

EXTERNAL TROLLEY ref nr. ASB500-200

Made of aluminium alloy, stainless steel and polyamide parts.
Position locking using knob.
External trolley can be used for lifting loads only.



CHAIN HOIST GRIP ref nr. ASB500-140

Made of stainless steel. Provides safety rising and lowering the adjustable vertical part of the support during device installation on the working site. Chain hoist grip is installed, on support side plates holes. Must be used with 250... 1500 kg chain hoist.
A device for folding the crane.



HITCH FOR RAISING THE SUPPORT
ref nr. ASB500-360

Made of aluminium alloy / galvanized steel. Used during raising and lowering the device support. Chain hoist is attached to the hitch ear. Must be used with F1/G1 support.
A device for folding the crane.



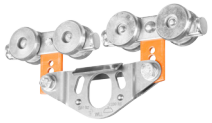
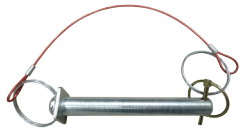
WHEELS

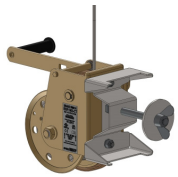
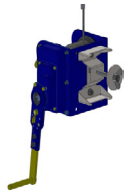
Support can be equipped with three types of swivel wheels with brake:
W1 - ref. nr ASB100-010 - Ø 160 mm, solid tyres for general use (**standard**).
W2 - ref. nr ASB100-020 - Ø 200 mm, solid tyres for general use.
W3 - ref. nr ASB100-030 - Ø 125 mm, solid tyres for cleanroom.



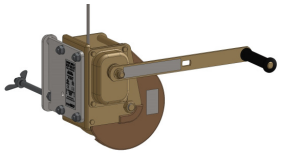
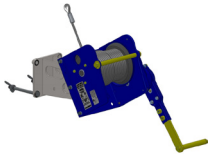
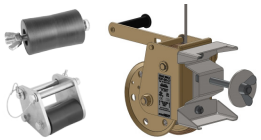
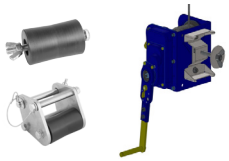
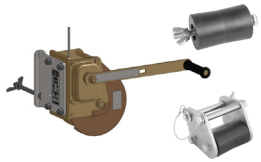
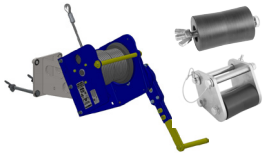
W1 **W2** **W3**

ASB, LSB PARTS

	Ref Nr.	Part name	Weight
	ASB500-200	**EXTERNAL TROLLEY** Made of aluminum alloy, stainless steel and polyamide parts. Position locking using knob. External trolley can be used for lifting loads only.	**4,50kg**
	ASB500-240	**ROPE ROLLER FOR BEAM** Made of reinforced aluminium alloy, stainless steel and polyamide parts. Provides working rope guidance when RUP 50x-T lifting device is used. Installed to the beam using bolts with cotter pin.	**1,63kg**
	ASB500-250	**INTERNAL TROLLEY** Made of galvanized and stainless steel. Space saving. Attachment point only 55mm under the beam. Position blocking using bolts with cotter pin. Internal trolley can be used for personal protection purposes only. One trolley can be use for one person.	**2,55kg**
	ASB500-130	**BOLT WITH COTTER PIN 16mm** Made of galvanized steel. Used for: • locking vertical part of the support (one piece for one support), • locking beam between support's front plates (two pieces for one support), A1, B1, E1, F1, G1 • locking internal trolley position along the beam (two pieces for one internal trolley), • locking rope roller for beam on the beam's holes (two pieces for one rope roller for beam).	**0,27kg**
	ASB500-370	**HITCH FOR LIFTING UP THE VERTICAL PART OF SUPPORT** Made of stainless steel. Used for easy beam height adjustment (vertical part of the support) with chain hoist.Should be used with large supports (C1/G1).	**0,34kg**
	ASB500-560	**BOLT WITH COTTER PIN 17,5mm** Made of galvanized steel. Used for locking beam between large "C1" support's front plates (two pcs. for one support)	**0,34kg**

	Ref Nr.	Part name	Weight
	ASB500-180	**ROPE ROLLER FOR SUPPORT** Made of polyamide and galvanized steel. Provides working rope guidance when RUP 50x-T lifting device is used. Installed to the support using bolt with wing-nut. Installed between support front plates.	**0,43kg**
	ASB500-640	**FRAME WINCH** Used instead of chain hoist grip (ASB500-140). Provides safety rising and lowering the adjustable vertical (parts of the support)	**5,00kg**
	ASB500-300	**WHEEL SUPPORT FOR PIECES SET** Made of galvanized and powder painted steel. Provides device leveling on uneven ground and stabilization during operation. Equipped with locking bolts with wings nuts. Complete ASB device must be equipped with four wheel supports.	**28,68kg**
	ASB500-600	**BEAM TRANSPORTER** Used for easy beam transportation on long distances.	**6,30kg**
	RUP502-CT	**RUP 502-CT winch 25-meter rope** Mounted on vertical part of all support types. Used for lifting loads up to 500 kg.	**14,00kg**
	RUP503-CT	**RUP 503-CT winch 50-meter rope** Mounted on vertical part of all support types. Used for lifting loads up to 1000 kg	**26,20kg**

ASB, LSB PARTS

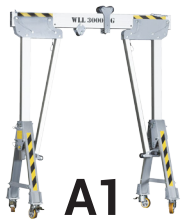
	Ref Nr.	Part name	Weight
	**RUP502-DT**	**RUP 502-DT winch 25-meter rope** Mounted on side plate of small and medium support. Used for lifting loads to 500 kg.	**14,00kg**
	**RUP503-DT**	**RUP 503-DT winch 50-meter rope** Mounted on side plate of small and medium support. Used for lifting loads to 1000 kg.	**26,20kg**
	**ASB500-800-010** ASB500-240 ASB500-180 RUP-502-CT	**SET** **RUP502-CT winch 25-meter rope winch rope rollers set**	**16,06kg**
	**ASB500-800-020** ASB500-240 ASB500-180 RUP-503-CT	**SET** **RUP502-CT winch 25-meter rope winch rope rollers set**	**28,26kg**
	**ASB500-800-030** ASB500-240 ASB500-180 RUP-502-DT	**SET** **RUP502-DT winch 25-meter rope winch rope rollers set**	**16,06kg**
	**ASB500-800-040** ASB500-240 ASB500-180 RUP-503-DT	**SET** **RUP502-DT winch 50-meter rope winch rope rollers set**	**28,26kg**

ASB ALUMINUM GANTRY CRANE

ASB CRANE WITH BASIC EQUIPMENT - NET WEIGHT

SMALL

Height under beam: ~ 1,6 - 2,2 m



A1

	2 m	3 m	4 m	5 m	6 m	7 m
capacity:	3T*	3T*	3T	2,5T	2T	1,5T
total weight:	121 kg	135 kg	148 kg	162 kg	175 kg	188 kg

*On special order, we make 2 and 3 m beams with a load capacity (WLL) of 3,500 kg when using A1 supports.

MEDIUM

Height under beam: ~ 2,2 - 3,6 m

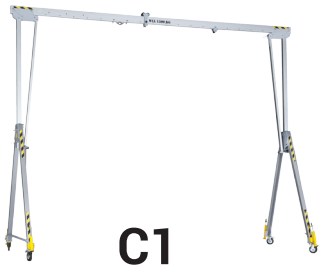


B1

capacity:	3T	3T	3T	2,5T	2T	1,5T
total weight:	147 kg	161 kg	174 kg	188 kg	201 kg	214 kg

LARGE

Height under beam: ~ 3,2 - 5,4 m



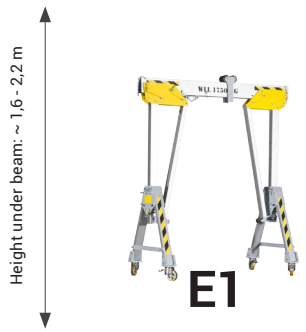
C1

capacity:	3,5T	3,5T	3T	2,5T	2T	1,5T
total weight:	190 kg	204 kg	218 kg	231 kg	244 kg	259 kg

LSB LIGHT GANTRY CRANE

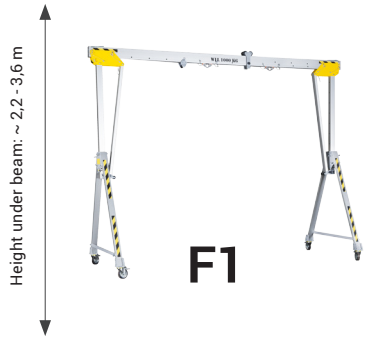
LSB CRANE WITH BASIC EQUIPMENT - NET WEIGHT

SMALL



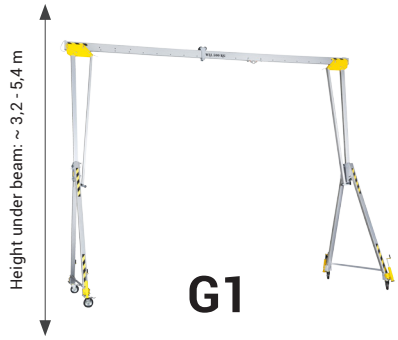
	2 m	3 m	4 m	5 m	6 m	7 m
capacity:	2T	1,5T	1,25T	1T	0,75T	0,5T
total weight:	98 kg	105 kg	111 kg	118 kg	125 kg	131 kg

MEDIUM



	2 m	3 m	4 m	5 m	6 m	7 m
capacity:	1,75T	1,5T	1,25T	1T	0,75T	0,5T
total weight:	122 kg	129 kg	135 kg	142 kg	148 kg	155 kg

LARGE

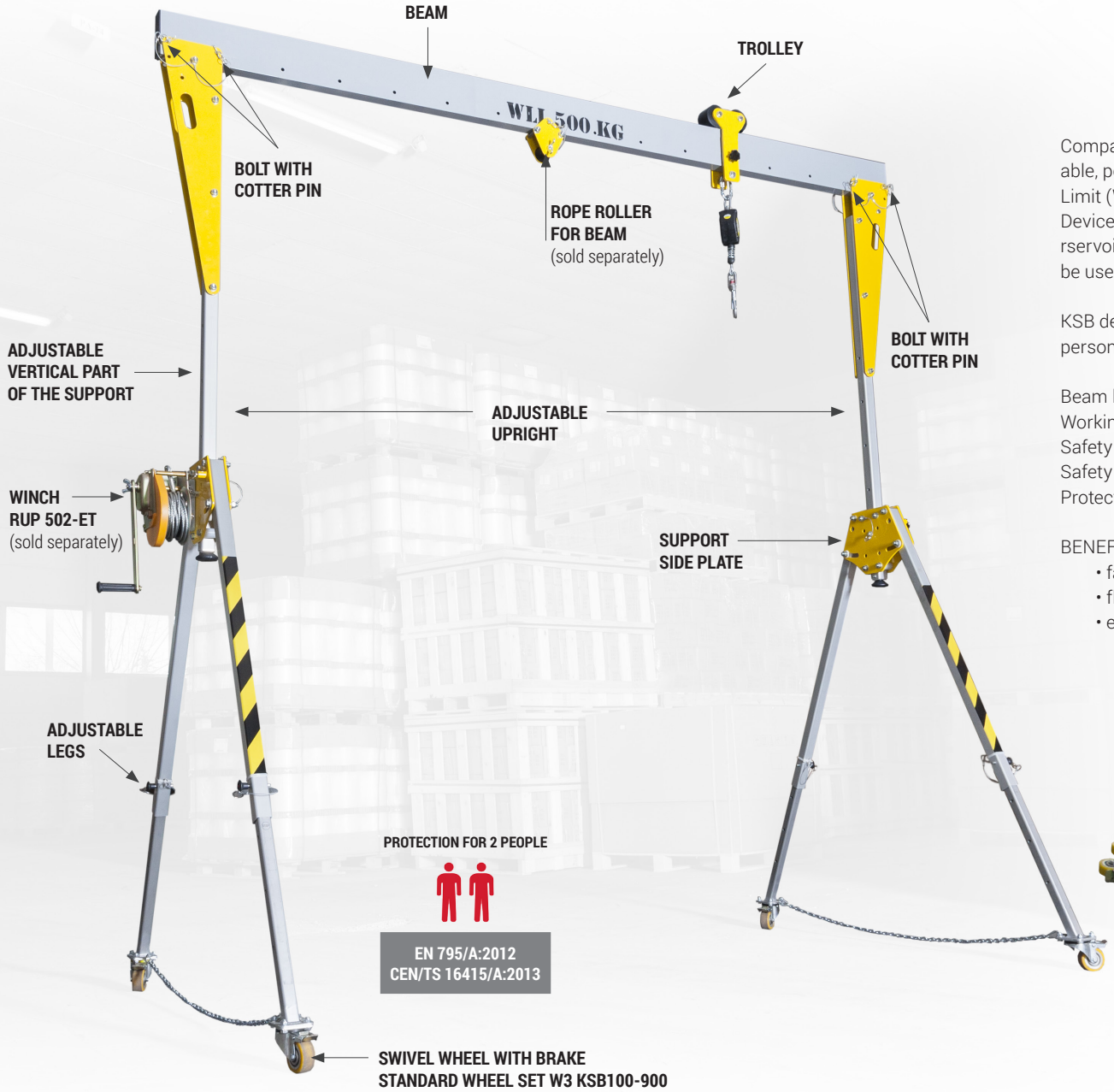


	2 m	3 m	4 m	5 m	6 m	7 m
capacity:	1,75T	1,5T	1,25T	1T	0,75T	0,5T
total weight:	155 kg	162 kg	169 kg	175 kg	182 kg	188 kg



COMPACT GANTRY CRANES

KSB COMPACT GANTRY CRANE



Compact gantry crane (KSB series) is a complete, lightweight, fully customizable, portable device designed for lifting loads up to the related Working Load Limit (WLL). WLL is always indicated on the beam.
Device can be used in variety of lifting applications such as, drainage wells, rservoirs, wells, silos, rooftop, lift-shaft, waste water and many more. KSB can be used with chain hoists, RUP502-ET series devices for lifting loads.

KSB device can be used for personal protection purposes as component of personal protective equipment against fall from height.

Beam length: 2, 3, 4 meters
Working Load Limit (WLL): **500 kg**
Safety factor for lifting loads: 2,1:1.
Safety factor for personal rescue: 10:1.
Protection for maximum two people at the same time.

BENEFITS:

- fast instalation
- flexibility
- easy transport



KSB consist of two separate supports connected using pin with cotter.
Avaliable beam length: 2 / 3 / 4 m. ONE TROLLEY INCLUDED.

Ref nr. KSB200-K1-W3 - **2 meter beam**
Ref nr. KSB300-K1-W3 - **3 meter beam**
Ref nr. KSB400-K1-W3 - **4 meter beam**

K1 - one supports type (height 2,1- 3,0m)
W3 - KSB100-900 wheel set 80 mm diameter

REMOWABLE TROLLEY ref nr. KSB100-350-000
Made of aluminium alloy, stainless steel and polyamide parts.
Position locking using knob.



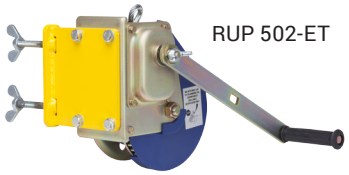


WLL: 500 kg

KSB



Ref nr.	Part name	Weight
KSB200-K1-W3	**Beam 2 m** frame height: 2.1- 3,0 m with external trolley	**52,37kg**
KSB300-K1-W3	**Beam 3 m** frame height: 2.1- 3,0 m with external trolley	**56,51kg**
KSB400-K1-W3	**Beam 4 m** frame height: 2.1- 3,0 m with external trolley	**60,64kg**
KSB100-800	**KSB winch - 25 meter rope** + rope rollers set	**15,27kg**


RUP 502-ET


KSB100-310


KSB100-330

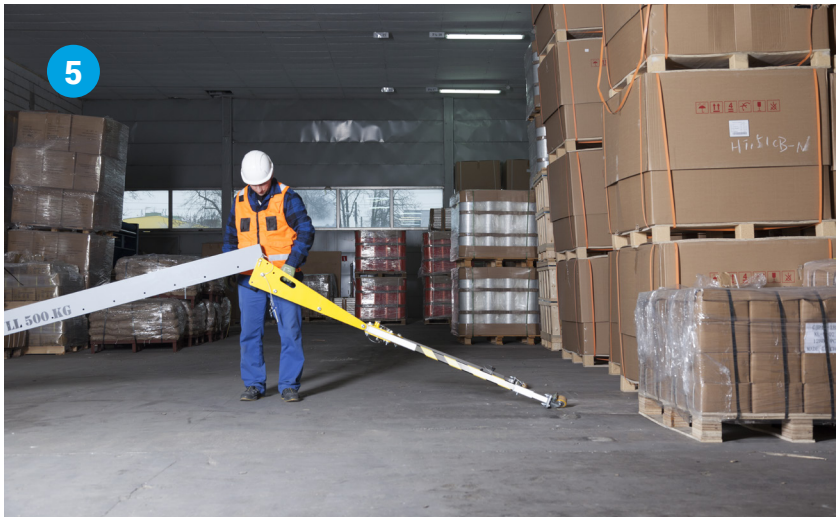
KSB SPACING COMPACT GANTRY CRANE

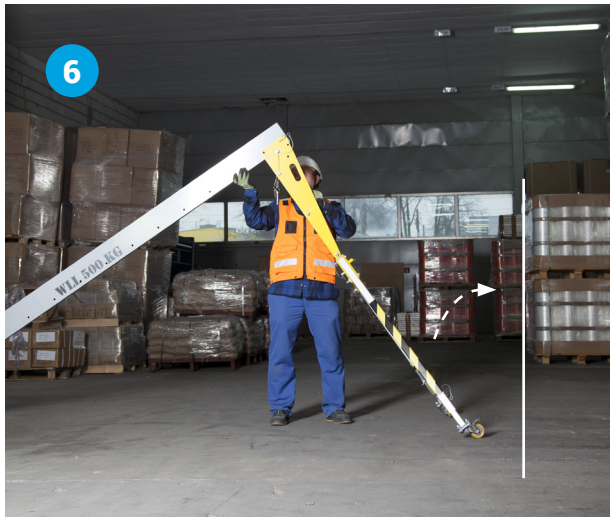








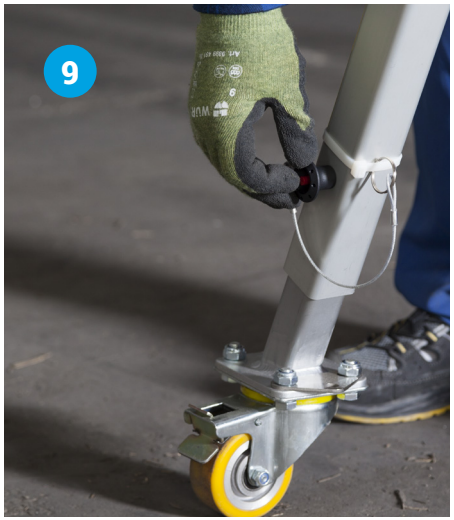




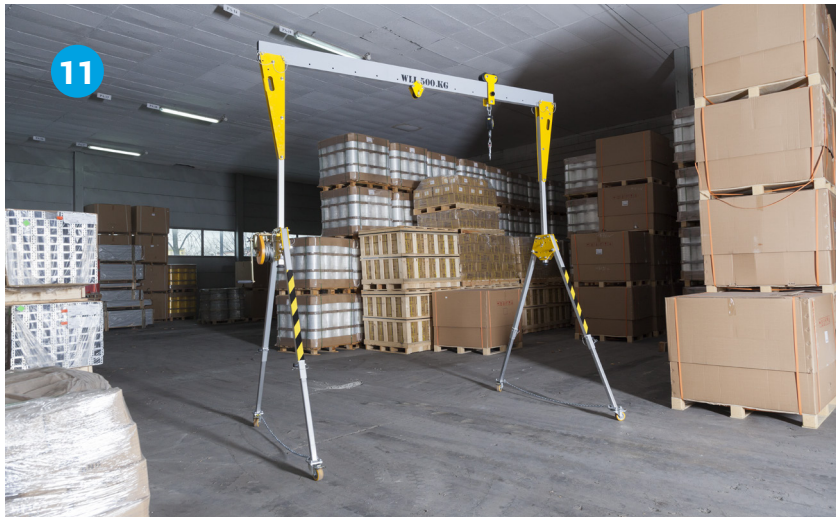
KSB SPACING COMPACT GANTRY CRANE



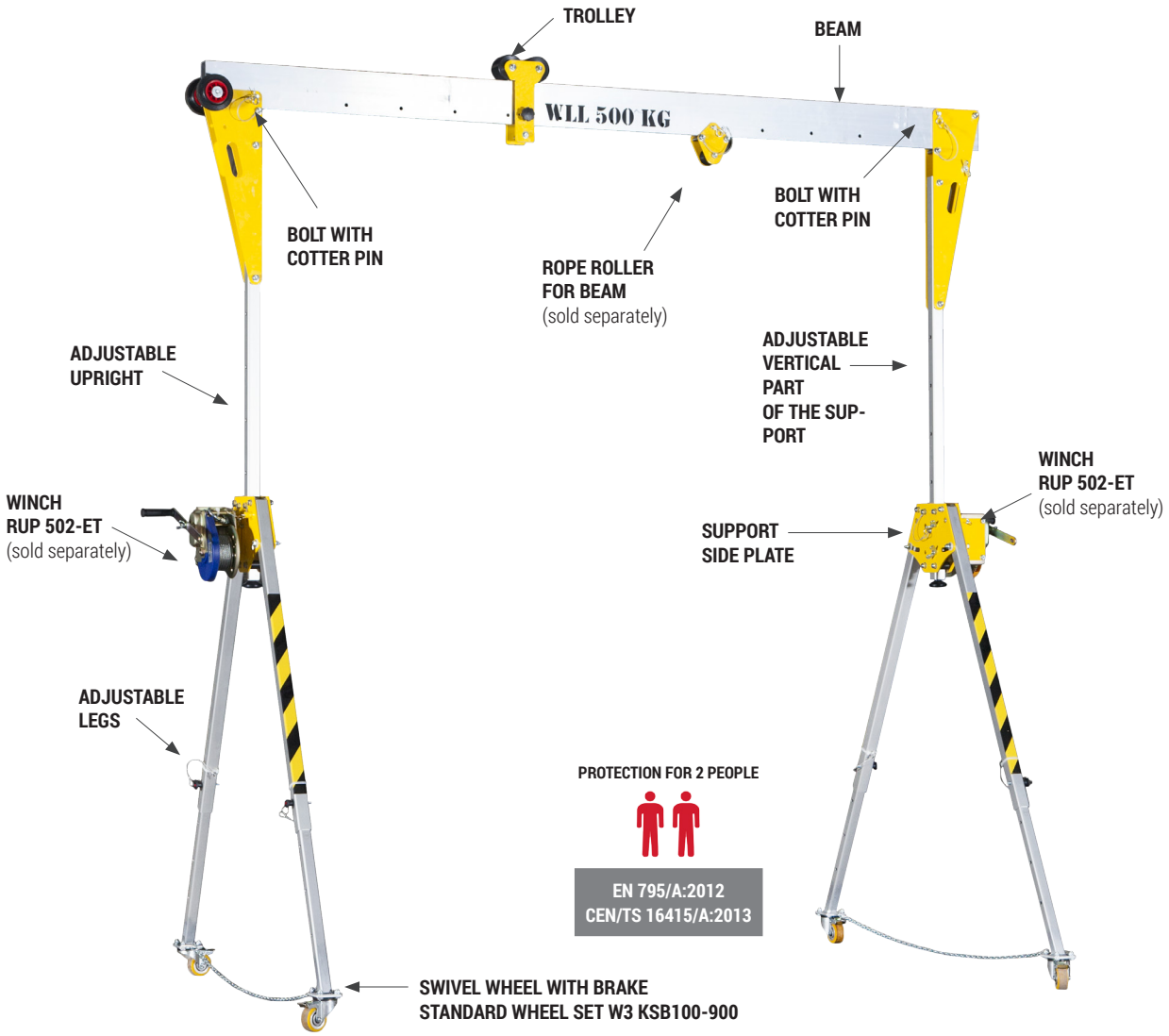








KSB-LE COMPACT GANTRY CRANE



DUE TO EUROPEAN PATENT, AVAILABLE OUTSIDE OF THESE COUNTRIES: Albania, Switzerland, Cyprus, Germany, France, Great Britain, Hungary, Ireland, Liechtenstein, Luxembourg, Monaco, Macedonia, Malta, (The) Netherlands, San Marino, Turkey.

Compact gantry crane (KSB-LE series) is a complete, lightweight, fully customizable, portable device designed for lifting loads up to the related Working Load Limit (WLL). WLL is always indicated on the beam. Device can be used in variety of lifting applications such as, drainage wells, rservoirs, wells, silos, rooftop, lift-shaft, waste water and many more. KSB can be used with chain hoists, RUP502-ET series devices for lifting loads.

KSB-LE device can be used for personal protection purposes as component of personal protective equipment against fall from height.

Beam length: 2, 3, 4 meters
Working Load Limit (WLL): **500 kg**
Safety factor for lifting loads: 2,1:1.
Safety factor for personal rescue: 10:1.
Protection for maximum two people at the same time.

BENEFITS:
- fast instalation
- flexibility
- easy transport



KSB-LE BASIC EQUIPMENT

KSB-LE consist of beam and permanently installed supports.
At one end beam two wheels are installed for easy transportation.
Avaliable beam length: 2 / 3 / 4 m. **ONE TROLLEY INCLUDED.**

Ref nr. KSB-LE200-S1-W3 - **2 meter beam**
Ref nr. KSB-LE300-S1-W3 - 3 **meter beam**
Ref nr. KSB-LE400-S1-W3 - 4 **meter beam**

S1 - one supports type (height 1,9 - 2,9 m)
W3 - wheel set 80 mm diameter

REMOWABLE TROLLEY ref nr. KSB100-350-000
Made of aluminium alloy, stainless steel and polyamide parts.
Position locking using knob.



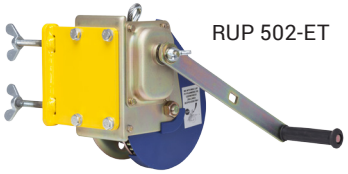


WLL: **500 KG**

KSB-LE



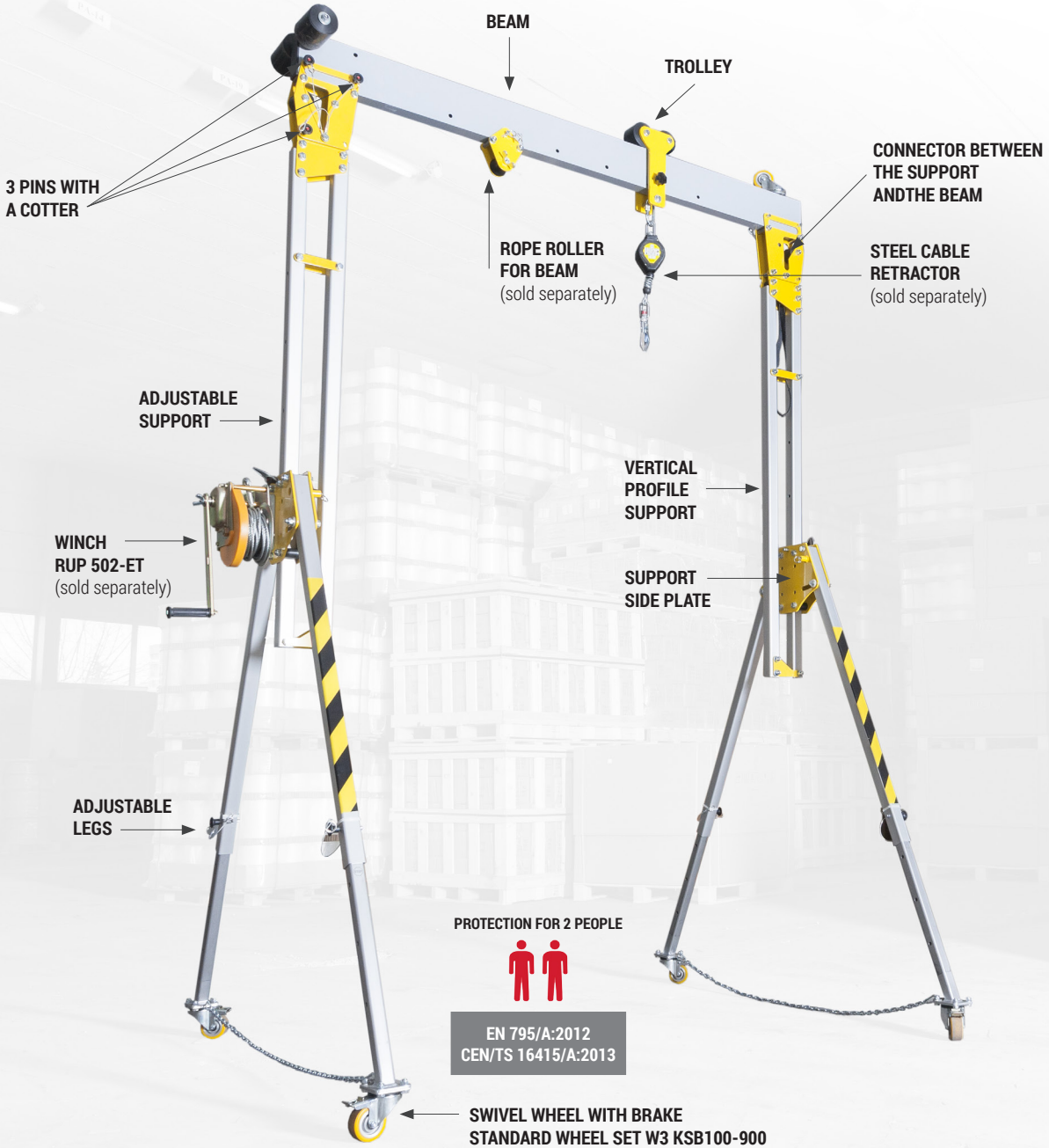
Ref nr.	Part name	Weight
KSB-LE200-S1-W3	**Beam 2 m** frame height: 1,9 - 2,9 m + with external trolley	**48,55kg**
KSB-LE300-S1-W3	**Beam 3 m** frame height: 1,9 - 2,9 m + with external trolley	**52,69kg**
KSB-LE400-S1-W3	**Beam 4 m** frame height: 1,9 - 2,9 m + with external trolley	**56,82kg**
KSB-100-800	**KSB-LE winch - 25 meter rope** + rope rollers set	**15,27kg**


RUP 502-ET


KSB100-310


KSB100-330

FSB COMPACT FOLDING GANTRY CRANE



DUE TO EUROPEAN PATENT, AVAILABLE OUTSIDE OF THESE COUNTRIES: Albania, Switzerland, Cyprus, Germany, France, Great Britain, Hungary, Ireland, Liechtenstein, Luxembourg, Monaco, Macedonia, Malta, (The) Netherlands, San Marino, Turkey.

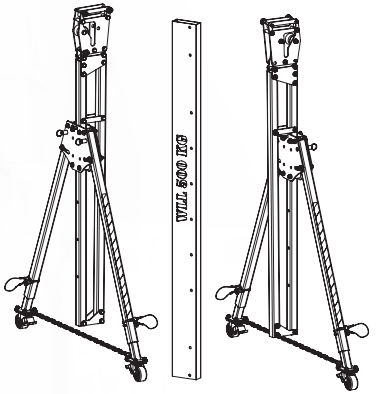
The FSB device is a light, folding gantry crane with fully detachable supports. The FSB device is made of aluminum, powder coated or anodized. FSB device can be transported very easy. Thanks to rollers and caster installed on the beam.

The FSB device can be used to lift loads up to 500 kg (indicated on the beam) or for personal protection up to two persons at the same time or for rescue operations using the RUP502 / CRW200 rescue device (up to 140 kg).

Beam length: 2, 3, 4 meters
Working Load Limit (WLL): **500 kg**
Safety factor for lifting loads: 2,1:1.
Safety factor for personal rescue: 10:1.
Protection for maximum two people at the same time.

BENEFITS:

- fast instalation
- flexibility
- easy transport





FSB BASIC EQUIPMENT

The FSB compact crane consists of a beam, two detachable connectors, two supports with the possibility of disassembly and trolley.

Ref nr. FSB200-O1-W3 - **2 meter beam**
Ref nr. FSB300-O1-W3 - **3 meter beam**
Ref nr. FSB400-O1-W3 - **4 meter beam**

O1 - one supports type (height 1,9- 3,1m)
W3 - KSB100-900 wheel set 80 mm diameter

REMOVABLE TROLLEY ref nr. KSB100-350-000
Made of aluminium alloy, stainless steel and polyamide parts.
Position locking using knob.





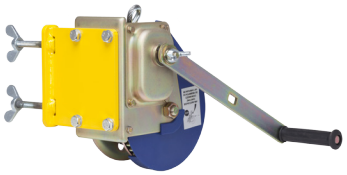
WLL: **500 kg**

FSB



Ref nr.	Part name	Weight
FSB200-O1-W3	**Beam 2 m** frame height: 1.9- 3,1 m with external trolley	**53,45kg**
FSB300-O1-W3	**Beam 3 m** frame height: 1.9- 3,1 m with external trolley	**57,59kg**
FSB400-O1-W3	**Beam 4 m** frame height: 1.9- 3,1 m with external trolley	**61,72kg**
KSB100-800	**FSB winch - 25 meter rope** + rope rollers set	**15,27kg**

RUP 502-ET



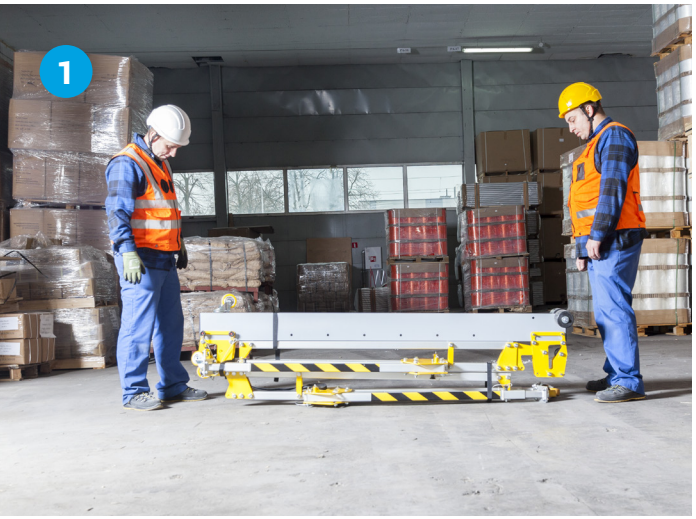
KSB100-310



KSB100-330



FSB SPACING COMPACT GANTRY CRANE

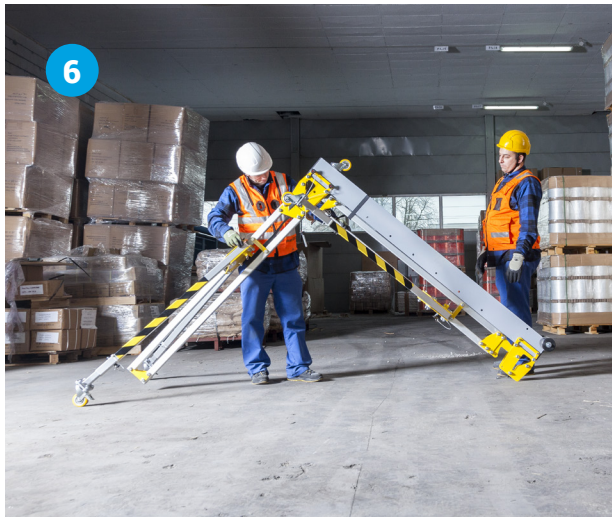












FSB SPACING COMPACT GANTRY CRANE

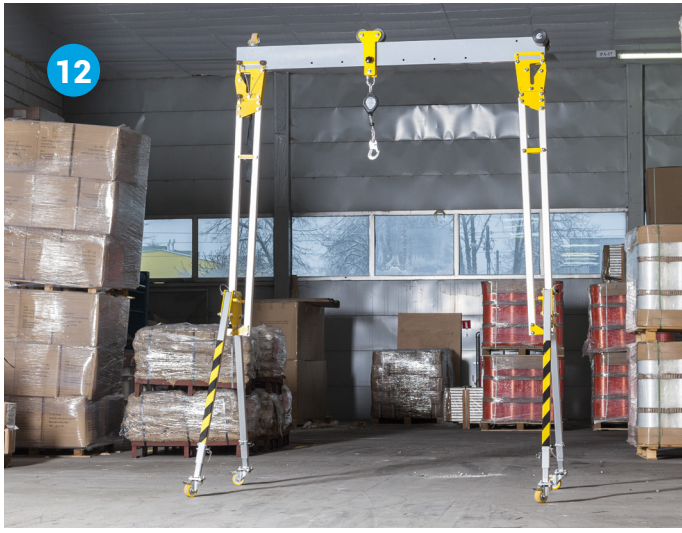






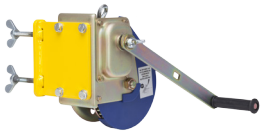






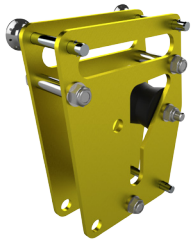
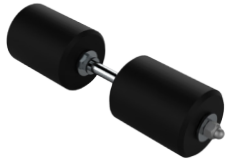
KSB, KSB-LE, FSB PARTS

	Ref nr.	Part name
	KSB100-350-000	Removable trolley **3,42kg**
	KSB100-310	Rope roller for beam **1,02kg**
	KSB100-330	Rope roller for support **0,25kg**
	KSB100-180	Bolt with cotter pin 12 mm **0,11kg**

	Ref nr.	Part name
	RUP 502-ET	Winch 25 meter rope **14,00kg**
	KSB200-001	Beam - 2 meter **8,25kg**
	KSB300-001	Beam - 3 meter **12,39kg**
	KSB400-001	Beam - 4 meter **16,52kg**
	FSB100-902	FSB 80 mm caster for beam **0,52kg**
	KSB100-900	KSB W3 Wheel set **4,00kg**

KSB, KSB-LE, FSB PARTS

	Ref nr.	Part name
 „K1"	KSB100-101-1	Beam support for KSB **20,44kg**
 „S1" left „S1" right	KSB-LE100-110 (left)	Beam support for KSB-LE „S1" left with an connector **18,68kg**
	KSB-LE100-110 (right)	„S1" rights with an connector **18,38kg**
 „O1" left „O1" right	FSB100-300 (left)	Beam support for FSB „O1" left with an connector **20,64kg**
	FSB100-310 (right)	„O1" rights with an connector **20,80kg**

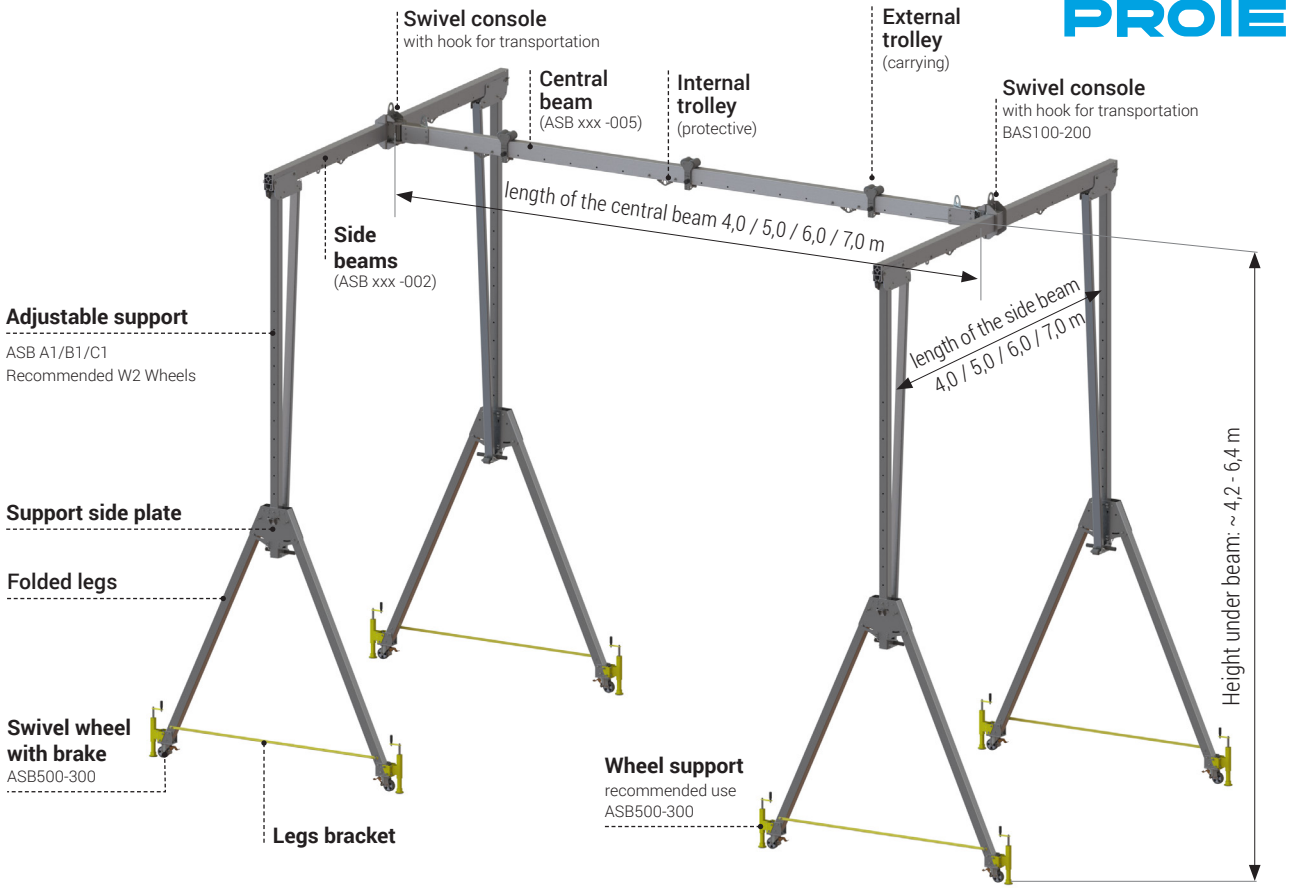
	Ref nr.	Part name
	FSB100-200	FSB beam - support connector **2,19kg**
	FSB100-250	FSB beam transport roller set **2,37kg**
	FSB100-901	Locking pin 12x70 **0,16kg**
	KSB-LE-100-400	Wheel set for S1 RIGHT support **1,15kg**

BAS GANTRY CRANE TYPE H

Technical data:
Protection for 5 people
WLL: 1000 kg
Side beams: max 7,0 m
Central beam: max 7,0 m
Max high: 6,40 m
Swivel connection between side beam end central beam.
Swivel console equipped with hooks to hang the whole gantry crane.

WARNING!
The BAS device can only be assembled from a part of the ASB device.

WE MANUFACTURE GANTRY CRANES IN SPECIAL VERSIONS FOR INDIVIDUAL ORDERS.



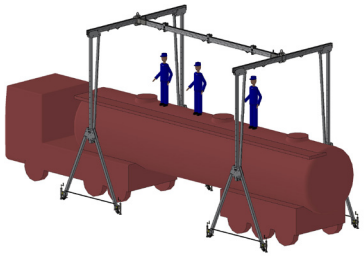
BASXXX-YY-ZZ-WWW

- **YY** - support height option [A1 / B1 / C1]
- **XXX** - length of the side beam [cm] [400 / 500 / 600 / 700]
- **ZZ** - wheels set type [W1 / W2 / W3*] *recommended wheels W2
- **WWW** - length of the central beam [cm] [400 / 500 / 600 / 700]

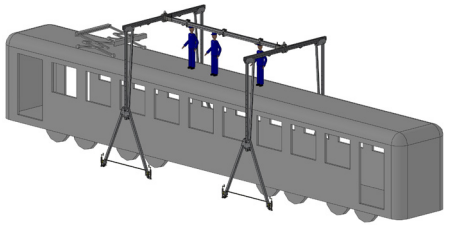
EXAMPLE:
BAS500-C1-W2-700

APPLICATION EXAMPLE

RAIL TANK



RAILWAY CARRIAGE



PROTECTION FOR 5 PEOPLE

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


WLL 2500 KG

ASB - protection for **5** people at the same time (external trolley).

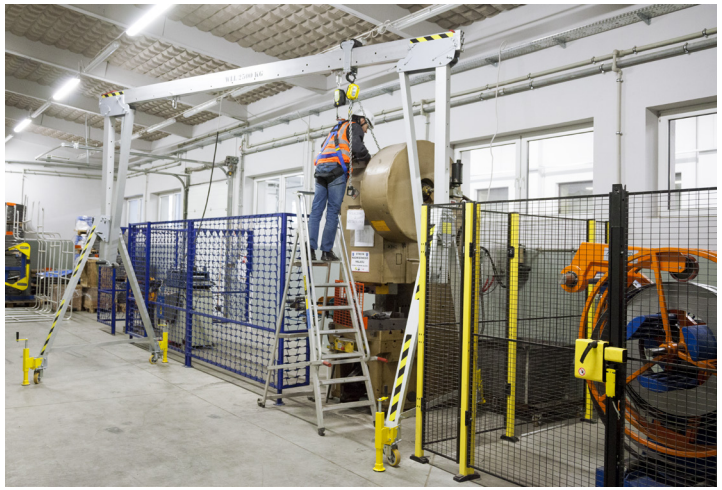
LSB - protection for **3** people at the same time (external trolley).

KSB - protection for **2** people at the same time (external trolley).

KSB-LE - protection for **2** people at the same time (external trolley).

FSB - protection for **2** people at the same time (external trolley).











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