

LIGHT GANTRY CRANE **LSB**



WORKING LOAD



0,5 - 2 Tonnes

FALL PROTECTION
FOR 3 USERS



3 user

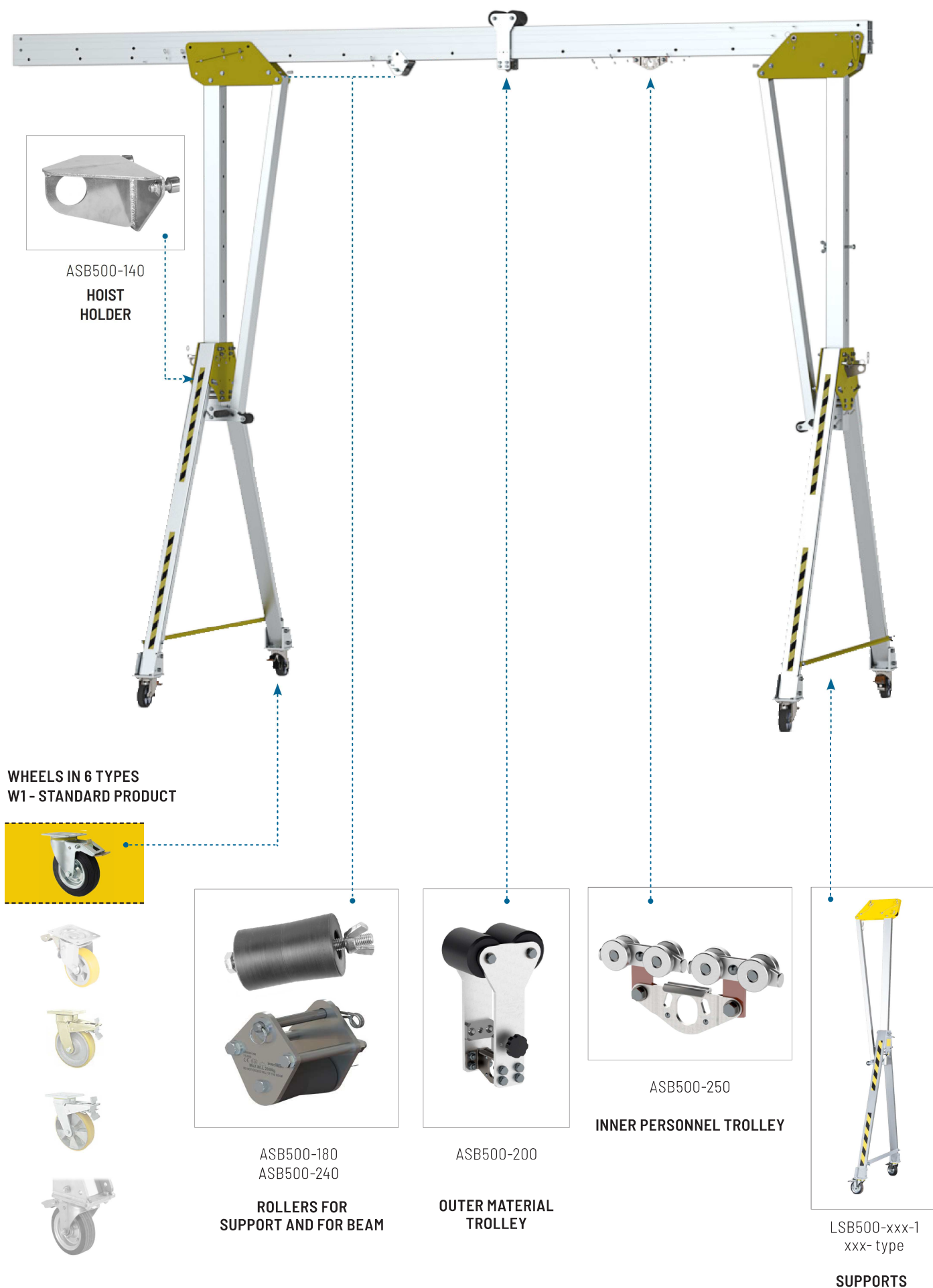
SIZE

STANDARD

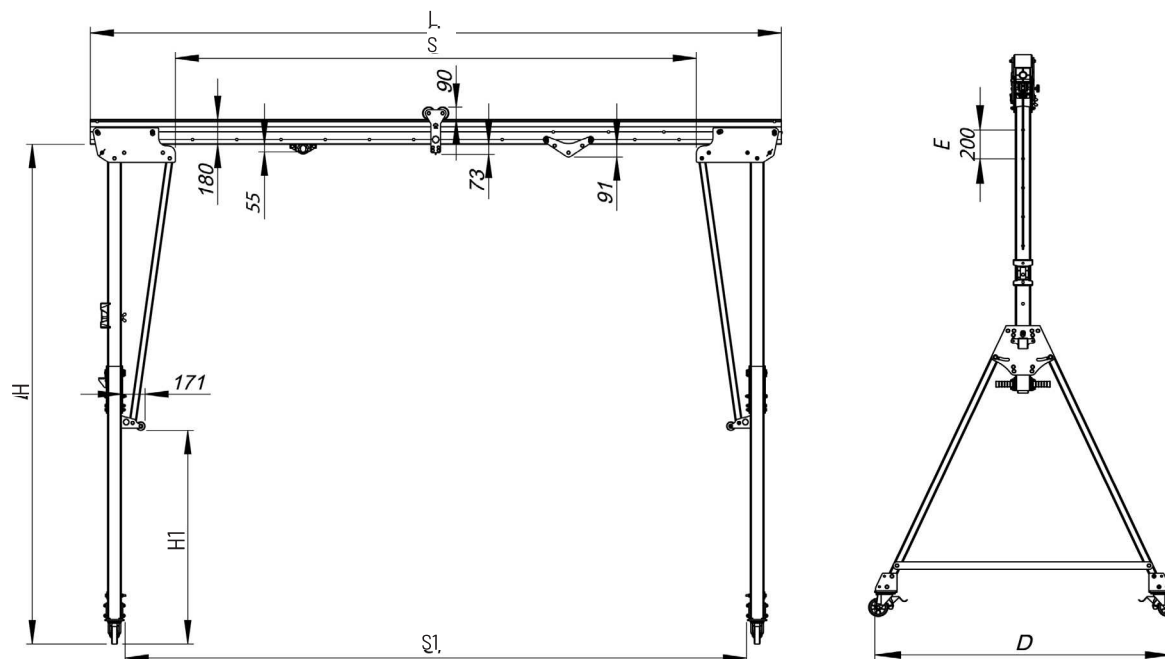
Beam length:
2-7m

Height:
1,6-6,4m

EN 13001
EN 15011
EN 795/B:2012
CEN/TS 16415/B:2013



Technical data table



"L" Beam length [mm]	Beam weight [kg]	"S" Beam working range [mm]	"S1" Support 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	770	1496	2	122	1,75	148	1,75	204	0,5	242
3000	19,7	1770	2496	1,5	135	1,5	161	1,5	218	0,5	255
4000	26,3	2770	3496	1,25	148	1,25	174	1,25	231	0,5	269
5000	32,8	3770	4496	1	162	1	188	1	244	0,5	282
6000	39,4	4770	5496	0,75	175	0,75	201	0,75	258	0,5	295
7000	46	5770	6496	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	

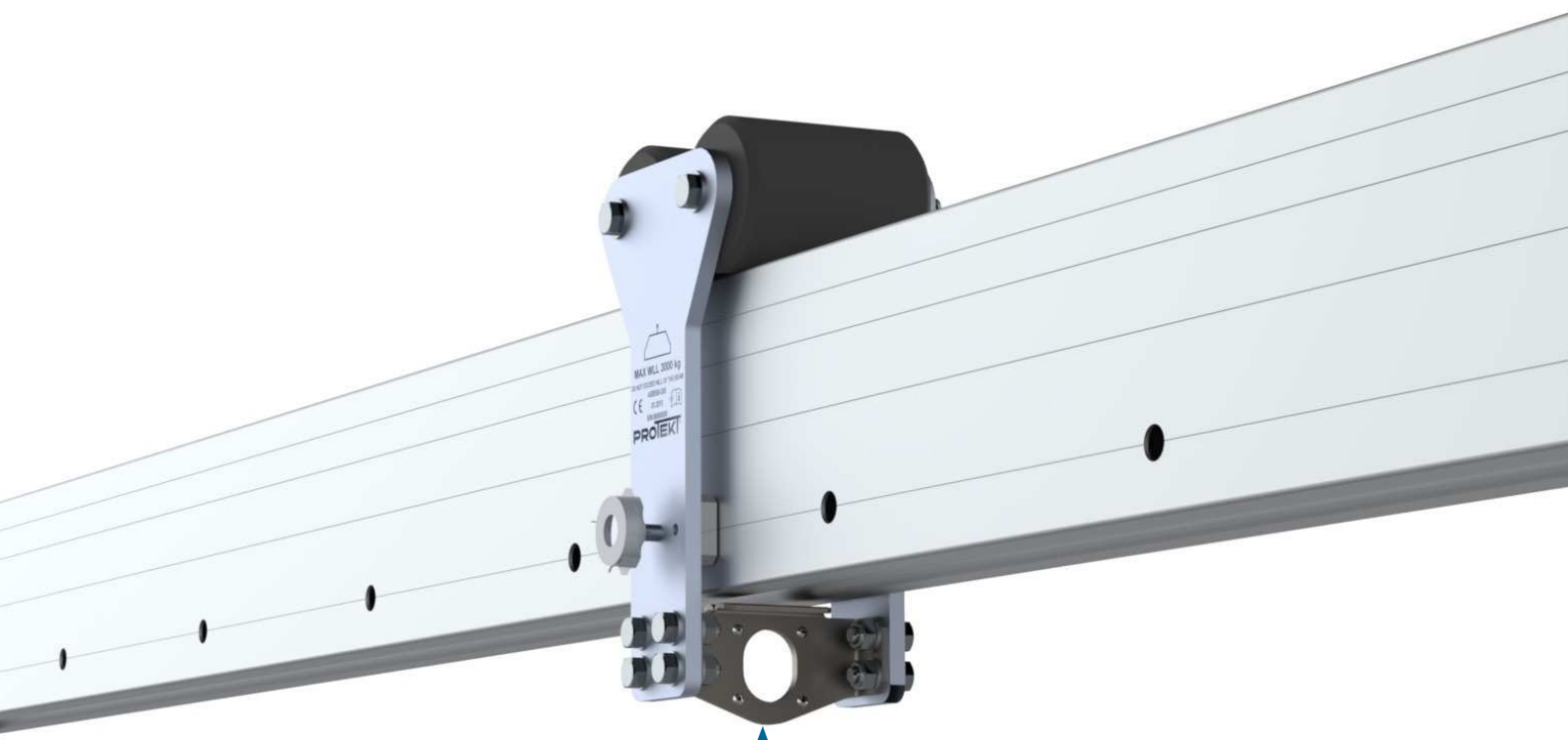
LSB REFERENCE NUMBER

LSB XXX-YY-ZZ

WHERE:

XXX - beam length [cm]
 [200 / 300 / 400 / 500 / 600 / 700]
 YY - type of supports [E1 / F1 / G1 / G2]
 ZZ - type of wheels in supports
 [W1 / W2 / W3 / W4 / W5 / W6]

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



ASB 500-200

**OUTER TROLLEY
(MATERIAL)**



ASB500-360

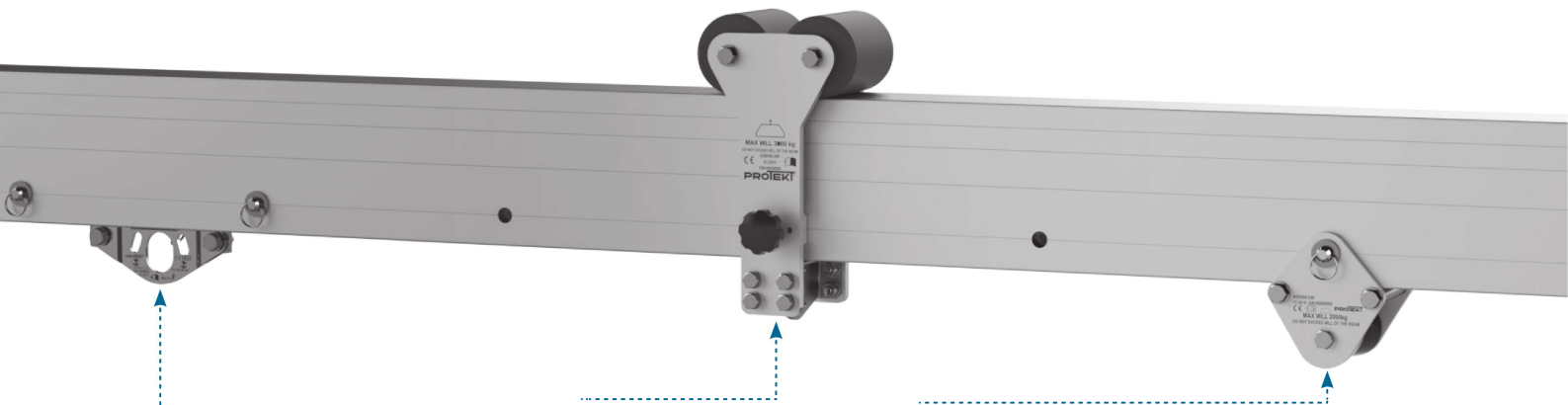
**SUPPORT
LIFTING EYE**

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



ASB500-250

**INNER
PERSONNEL
TROLLEY**



ASB 500-200

**OUTER MATERIAL
TROLLEY**

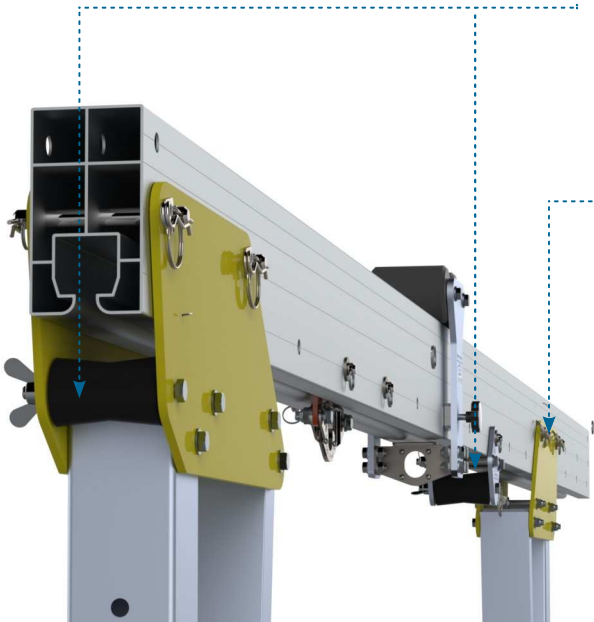


ASB500-240 ASB500-180

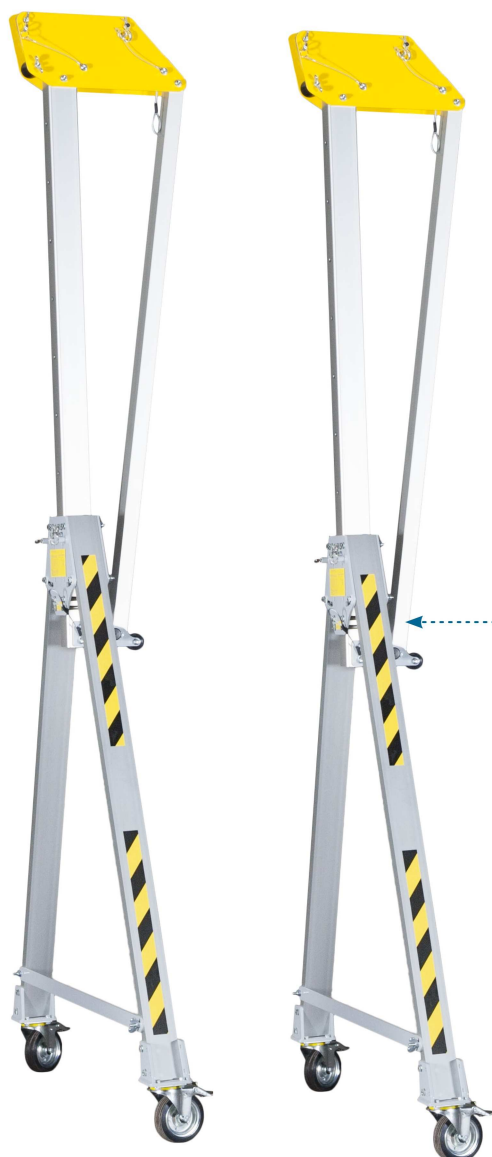
**ROLLER FOR BEAM
AND ROLLER FOR SUPPORT**



ASB500-360



ASB500-130
**PIN WITH
COTTER BOLT 17.5mm**



**HOIST
HOLDER**

ASB500-140



W1

Ø 160

rubber + galvanized steel



W2

Ø 200

rubber + galvanized steel



W3

Ø 125

poliuretan + aluminium



W4

Ø 200

polyurethane + aluminium



W5

Ø 200

polyurethane + cast iron



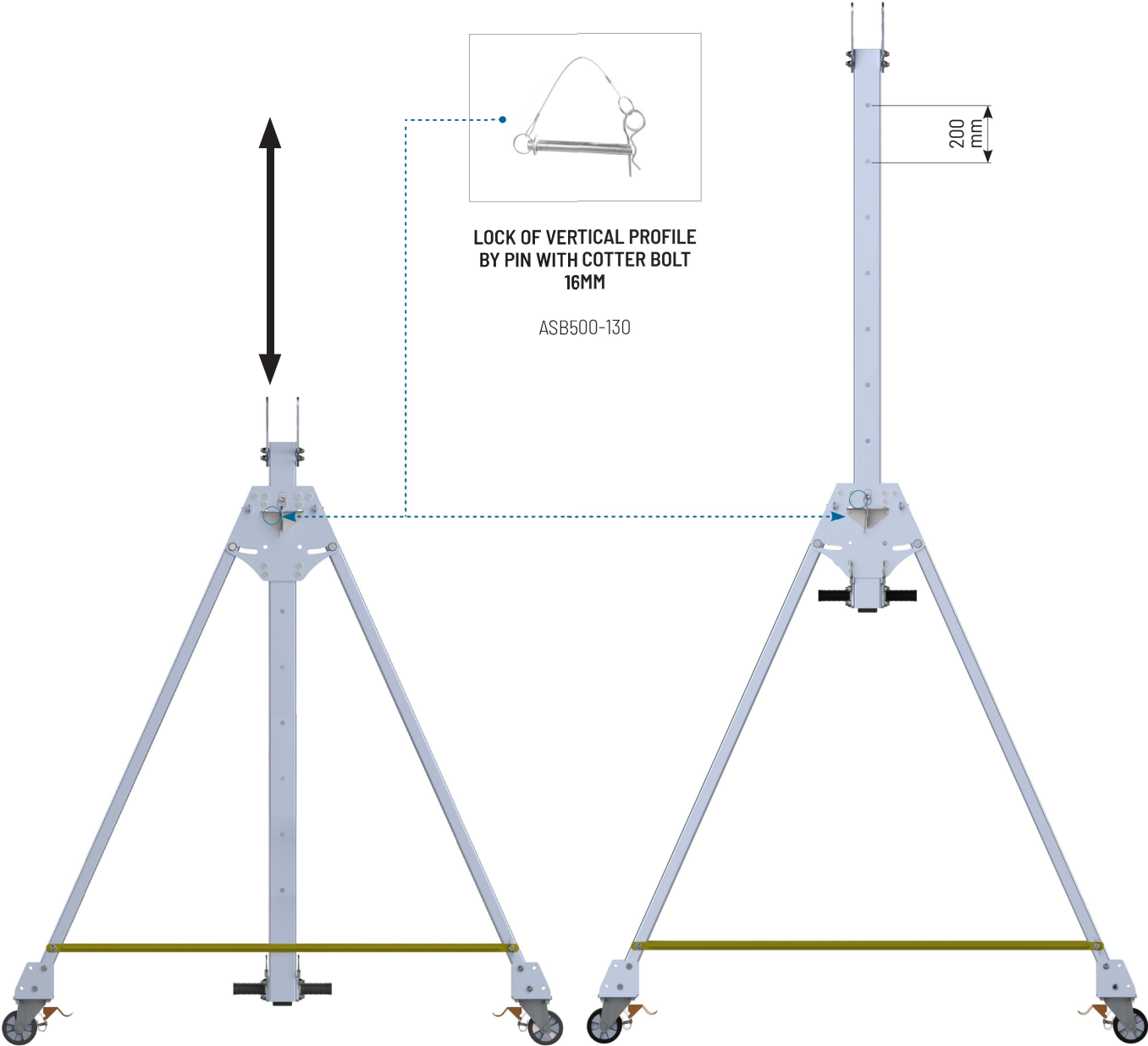
W6

Ø 250

polyurethane + cast iron

WHEEL SETS

Supports - height adjustment



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



ASB500-200

Outer material trolley

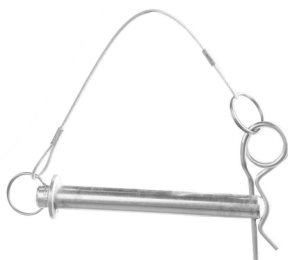
Made of durable aluminium alloy, stainless steel and polyamide. The trolley can be locked in any position along the beam by knob. Outer trolley is intended for load handling only.



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).





ASB500-360

Hook for lifting the support



Made of aluminium / galvanized steel. Used during installation crane, for raising and lowering supports with the help of an hoist chain.

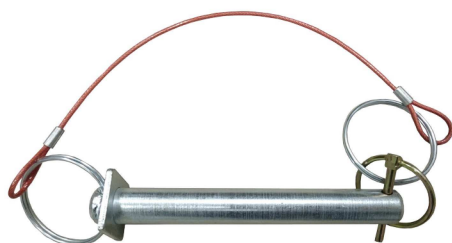


ASB500-370

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

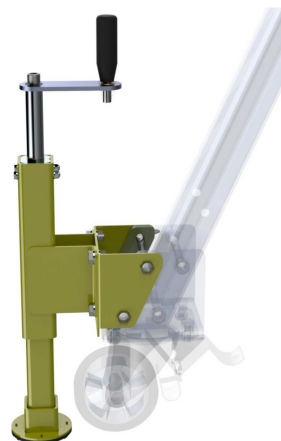


Pin with cotter bolt used for connecting beams to supports.

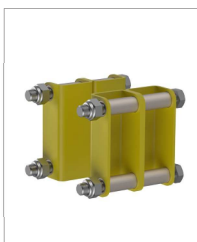


ASB500-600

Wheel support x 4



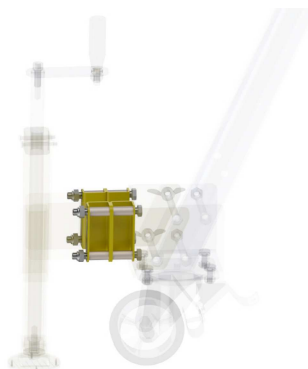
Supports made of galvanized powder-coated steel. Provide for device levelling on an uneven ground and ensure stability of the device when operating. Equipped with bolts and wing nuts for installation on support leg. Device ASB must be equipped with four wheel supports.



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.

Winches

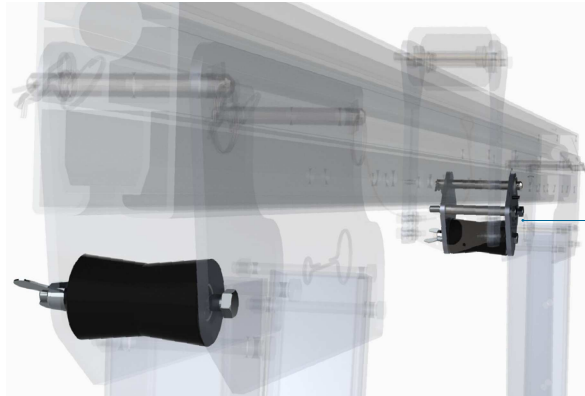
A set of rollers is necessary to use standard cranes equipped with winches.



ASB500-240

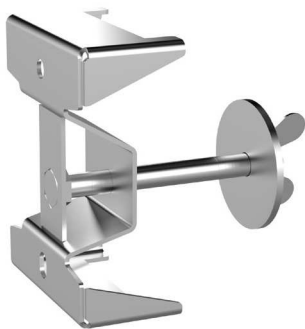
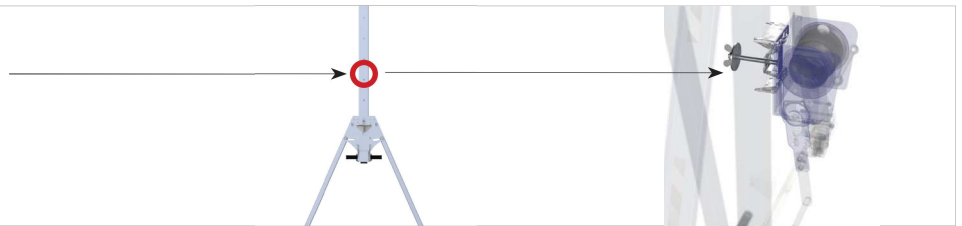


ASB500-180



Support roller made of polyamide and galvanised steel. Provides guidance for the working rope when using RUP502x-T series winches. The roller is installed by means of a bolt and wing nut between two upper support plates. The beam roller is made of reinforced aluminium alloy, stainless steel and polyamide. It provides guidance for the working cable when using winches. The roller is installed to the beam using a bolt and pin.

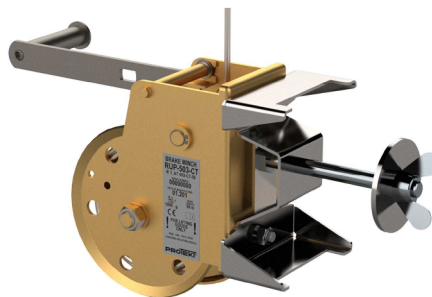
Mounted winches
to the vertical profile
of the support.



ASB500-190

Winch holder RUP50x-CT

The RUP50x-CT winch holder can be mounted to the vertical support profile. It allows the hoist to be mounted RUP503-CT or RUP502-CT.

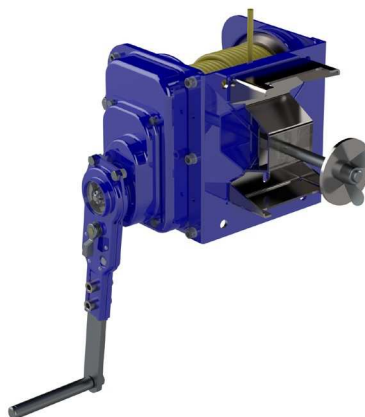


RUP502-CT

Winch RUP 502-CT
with a 25 m rope.

Designed for lifting loads weighing
up to 500 kg.

The ASB500-190 is
part of the set.



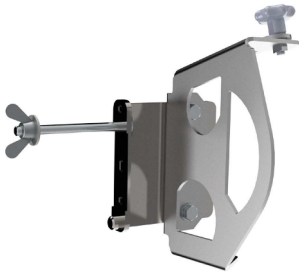
RUP503-CT

RUP 503-CT winch
with a 50 m rope.

Designed for lifting loads weighing
up to 1000 kg.

The ASB500-190 is
part of the set.

Mounted winches
for side panels
supports.



ASB500-570

Device holder
the self-braking CRW200



CRW 200

Self-braking device with
an evacuation function.

Designed for evacuation
and fall protection
from a height.

Rope length: 15m
Load capacity 140kg



ASB500-580

Device holder for
self-braking CRW300



CRW 300

Self-braking device with
an evacuation function.

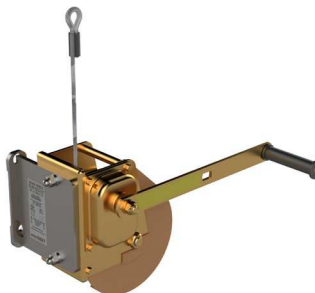
Designed for evacuation and
fall protection
from a height.

The length of the rope: 25m
Load capacity 140kg



ASB500-610

Winch holder RUP502-DT

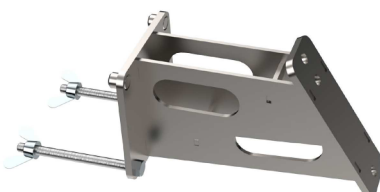


RUP502-DT

RUP 502-DT winch with a 25 m rope.

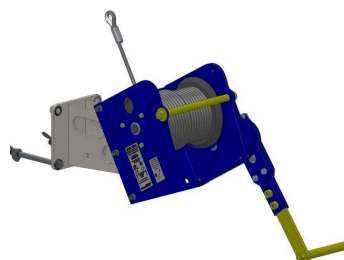
Designed for lifting
of loads weighing up to 500 kg.

The ASB500-610 is
part of the set.



ASB500-620

Winch holder RUP503-DT



RUP503-DT

RUP 503-DT winch with a 50 m rope.

Designed for lifting
of loads weighing up to 1000 kg.

The ASB500-620 is
part of the set.

Wheels

W1



BRAKE

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

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

W2



BRAKE

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

Default for gantries **ASB/BAS & LSB**
nr ref. ASB100-020

W3



BRAKE

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

Default for gantries **ASB/BAS & LSB**
nr ref. ASB100-030

W4



BRAKE



ROTATION LOCK

Set of wheels (4 pcs.) dia. 200mm. Wheels made of cast iron with polyurethane coating with a capacity of up **to 3000kg**. The wheels have a brake and a rotation lock.

Default for gantries **ASB/BAS & LSB**
nr ref. ASB100-040

W5



BRAKE



ROTATION LOCK

Set of wheels (4 pcs.) dia. 200mm. Wheels made of aluminium with polyurethane coating. Wheels have hard tread 92 Shore A. Capacity **to 2000kg**. The wheels have a brake and a rotation lock.

Default for gantries **ASB/BAS & LSB**
nr ref. ASB100-050

W6



BRAKE



ROTATION LOCK

Set of wheels (4 pcs.) dia. 250mm. Wheels made of cast iron with polyurethane coating. Load Limit is up **to 5000kg**. The wheels have a brake and a rotation lock.

Default for gantries **ASB/BAS & LSB**
nr ref. ASB100-060

W7



BRAKE



ROTATION LOCK

Set of double wheels (4 pieces) with 250 mm diameter. Wheels made of cast iron with polyurethane coating. Load capacity up **to 5000 kg**. The wheels have a brake and a rotation lock.

Default for gantries **ASB/BAS & HSB**
nr ref. ASB100-070

W8



BRAKE



ROTATION LOCK

Set of double wheels (4 pieces) with a diameter of 460 mm. Wheels made of steel and rubber (pneumatically pumped tyres) designed to move the crane over rough terrain. Load capacity up **to 5000 kg**. The wheels have a brake and a rotation lock.

Default for gantries **HSB**
nr ref. ASB100-080