

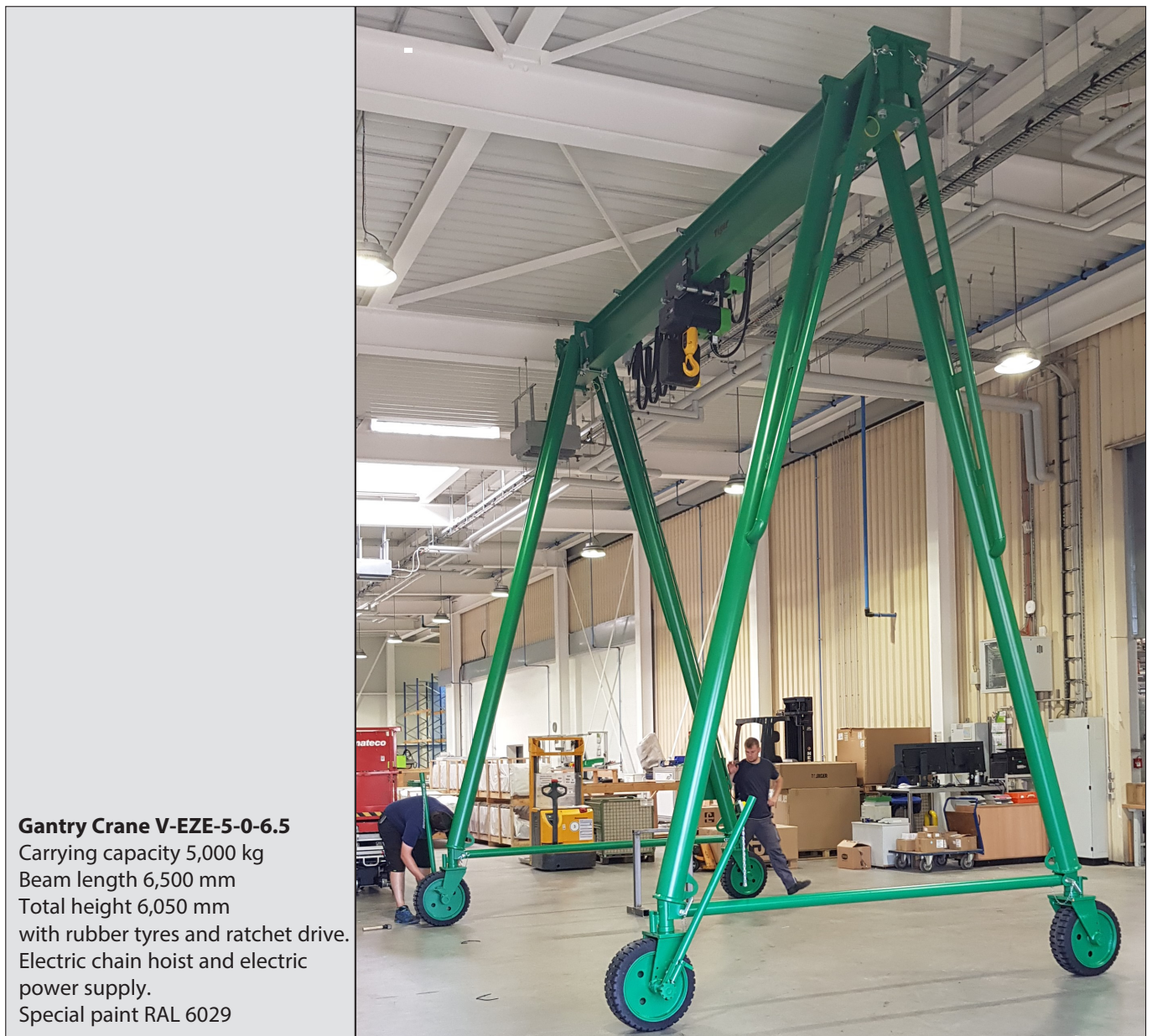
INKO21

+34 972 66 48 36

info@inko21.com

inko21.com

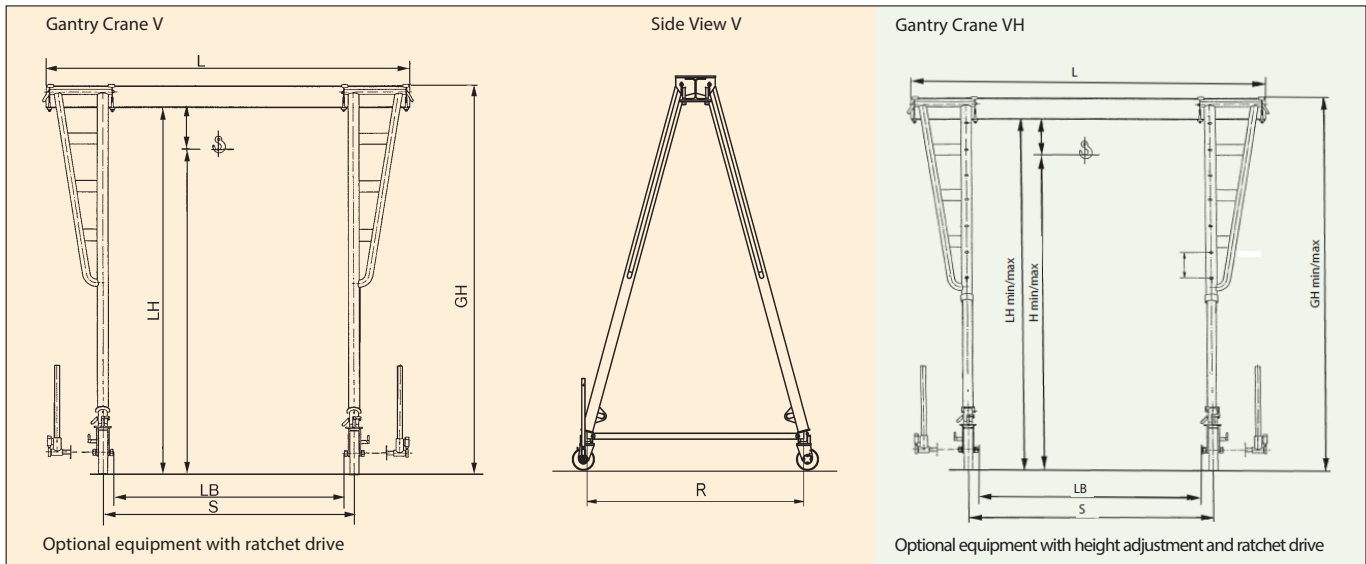
GANTRY CRANE



Gantry Crane V-EZE-5-0-6.5

Carrying capacity 5,000 kg
Beam length 6,500 mm
Total height 6,050 mm
with rubber tyres and ratchet drive.
Electric chain hoist and electric
power supply.
Special paint RAL 6029

- **Fast erection and dismantling via bolt connection**
- **Construction according to EN 13001 / EN 1090**



The Gantry Crane V is designed for indoor and outside use and can be equipped with any manual or electric hoist. The strong V-legs allow a high carrying capacity, a high span and a high construction height. The clamping connection between V-legs and beam enables a continuously adjustable span. The all bolt connection guarantees an easy and fast erection of the crane. Big steel wheels of a diameter of approx. 400 mm allow an easy run. For a simple moving of the crane on even and solid ground, the crane can be equipped with ratchet drive acting on 2 wheels. The wheels can be fixed at 90° intervals, two of them can be additionally locked. Coat of varnish: orange, RAL 2000.

The Gantry Crane **VH** can be adjusted in height via bolts.

Full assembly: crane with crane test book including a certified preliminary- and construction test, operating instructions, but without hoist.

All weight and measurement data are deemed to be approximate.

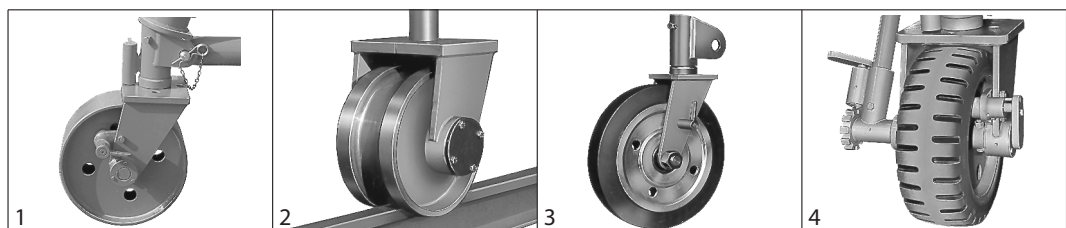
Order No.	Model	Carrying Capacity kg	Beam Length L mm	Beam Section PE	Span S mm	Clearance Height mm	Total Height mm	Wheel Base R mm	Weight kg	Order No.	Model	Max. Total Height mm	Min. Total Height mm
505 005	V-103	1,000	3,000	200	2,090	3,785	4,000	2,100	500	505 205	VH-103	4,000	2,718
505 010	V-104	1,000	4,000	200	3,090	3,785	4,000	2,100	530	505 210	VH-104	4,000	2,718
505 015	V-105	1,000	5,000	200	4,090	3,785	4,000	2,100	580	505 215	VH-105	4,000	2,718
505 020	V-106	1,000	6,000	220	5,090	3,765	4,000	2,100	650	505 220	VH-106	4,000	2,718
505 025	V-204	2,000	4,000	240	3,090	4,740	5,000	2,600	630	505 225	VH-204	5,000	3,228
505 030	V-205	2,000	5,000	270	4,090	4,710	5,000	2,600	700	505 230	VH-205	5,000	3,228
505 035	V-206	2,000	6,000	270	5,090	4,710	5,000	2,600	780	505 235	VH-206	5,000	3,228
505 040	V-207	2,000	7,000	300	6,090	4,680	5,000	2,600	900	505 240	VH-207	5,000	3,228
505 045	V-304	3,200	4,000	300	3,100	4,680	5,000	2,600	750	505 245	VH-304	5,000	3,233
505 050	V-305	3,200	5,000	300	4,100	4,680	5,000	2,600	850	505 250	VH-305	5,000	3,233
505 055	V-306	3,200	6,000	330	5,080	4,650	5,000	2,600	950	505 255	VH-306	5,000	3,233
505 060	V-307	3,200	7,000	360	6,080	4,620	5,000	2,600	1,100	505 260	VH-307	5,000	3,233
505 065	V-505	5,000	5,000	360	4,100	4,615	5,000	2,600	1,000	505 265	VH-505	5,000	3,268
505 070	V-506	5,000	6,000	400	5,090	4,575	5,000	2,600	1,100	505 270	VH-506	5,000	3,268
505 075	V-507	5,000	7,000	450	6,090	4,525	5,000	2,600	1,180	505 275	VH-507	5,000	3,268
505 080	V-508	5,000	8,000	450	7,090	4,525	5,000	2,600	1,300	505 280	VH-508	5,000	3,268

Accessories: manual/electric hoist, electric power supply via trailing cable.

Special designs on request: modified carrying capacity, height, width, rubber tyres, track wheels, ratchet drive ...

Wheels available:

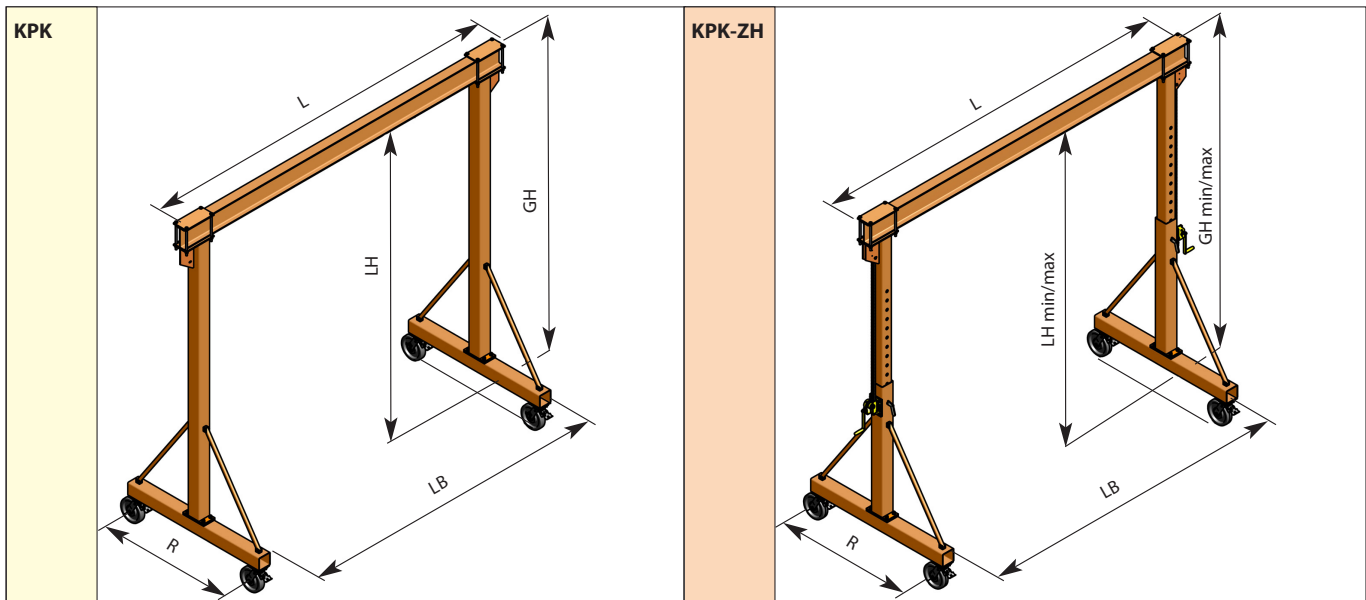
- 1 - Steel as standard
- 2 - Steel for tracks
- 3 - Rubber tyres up to 3 t carrying capacity
- 4 - Rubber tyres with ratchet drive





KPK-ZH-EZE-0.25-3.7
with height adjustment
Carrying capacity 250 kg
Beam length 3.000 mm
Total height min/max
2,650/3,950 mm
Electric chain hoist and
electric power supply

- ❑ **Versatile indoor and outdoor use**
- ❑ **Simple and fast erection via all screw connection**
- ❑ **Stepless width adjustment, height adjustment on request**
- ❑ **Construction according to EN 13001 / EN 1090**



The Portable Gantry Crane **KPK** is suitable for the operation of a manual or electric hoist indoors and outdoors. It is well movable on even, solid ground. The clear width LB can be steplessly adjusted via the clamping connection between supports and beam. The crane is easily mountable and dismantlable. Both undercarriages are equipped with steering wheels with 4-fold directional stop, two wheels additionally have a wheel stop. Up to a carrying capacity of 1 tonne: wheel-Ø 200 mm with vulkollan coating. Over a carrying capacity of 1 tonne : wheel-Ø 250 mm with polyamide coating. Coat of varnish: orange, RAL 2000.

The Portable Gantry Crane **KPK-ZH** can be adjusted in height via two rack jack winches in an unloaded condition. Extent of supply for cranes: crane, crane test book with preliminary and construction test, operating instructions. Hoist is not included.

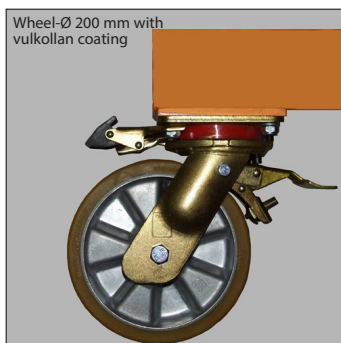
Order No.	Model	Carrying Capacity kg	Beam Length L * approx. mm	Beam Section PE	Total Height GH * approx. mm	Clear Height LH approx. mm	Clear Width LB approx. mm	Wheel Base R approx. mm	Weight approx. kg
515 020	KPK-0.5-2.5	500	3550	140	2662	2500	3000	1500	200
515 030	KPK-0.5-3.0	500	3550	140	3162	3000	3000	1500	210
515 032	KPK-0.5-3.5	500	4550	160	3682	3500	4000	2000	260
515 035	KPK-1.0-2.5	1,000	3550	180	2702	2500	3000	1500	225
515 045	KPK-1.0-3.0	1,000	3550	180	3202	3000	3000	1500	235
515 047	KPK-1.0-3.5	1,000	4550	200	3722	3500	4000	2000	290
515 050	KPK-2.0-3.0	2,000	3650	220	3242	3000	3000	1500	390
515 055	KPK-2.0-3.5	2,000	3650	220	3742	3500	3000	2000	410
515 060	KPK-2.0-4.0	2,000	4650	240	4262	4000	4000	2000	510
515 065	KPK-3.2-3.0	3,200	3650	270	3292	3000	3000	1500	440
515 070	KPK-3.2-3.5	3,200	3650	270	3792	3500	3000	2000	550
515 075	KPK-3.2-4.0	3,200	4650	300	4322	4000	4000	2000	600

Accessories: electric / manual hoist, electric power supply for trailing cable, . . . on request.

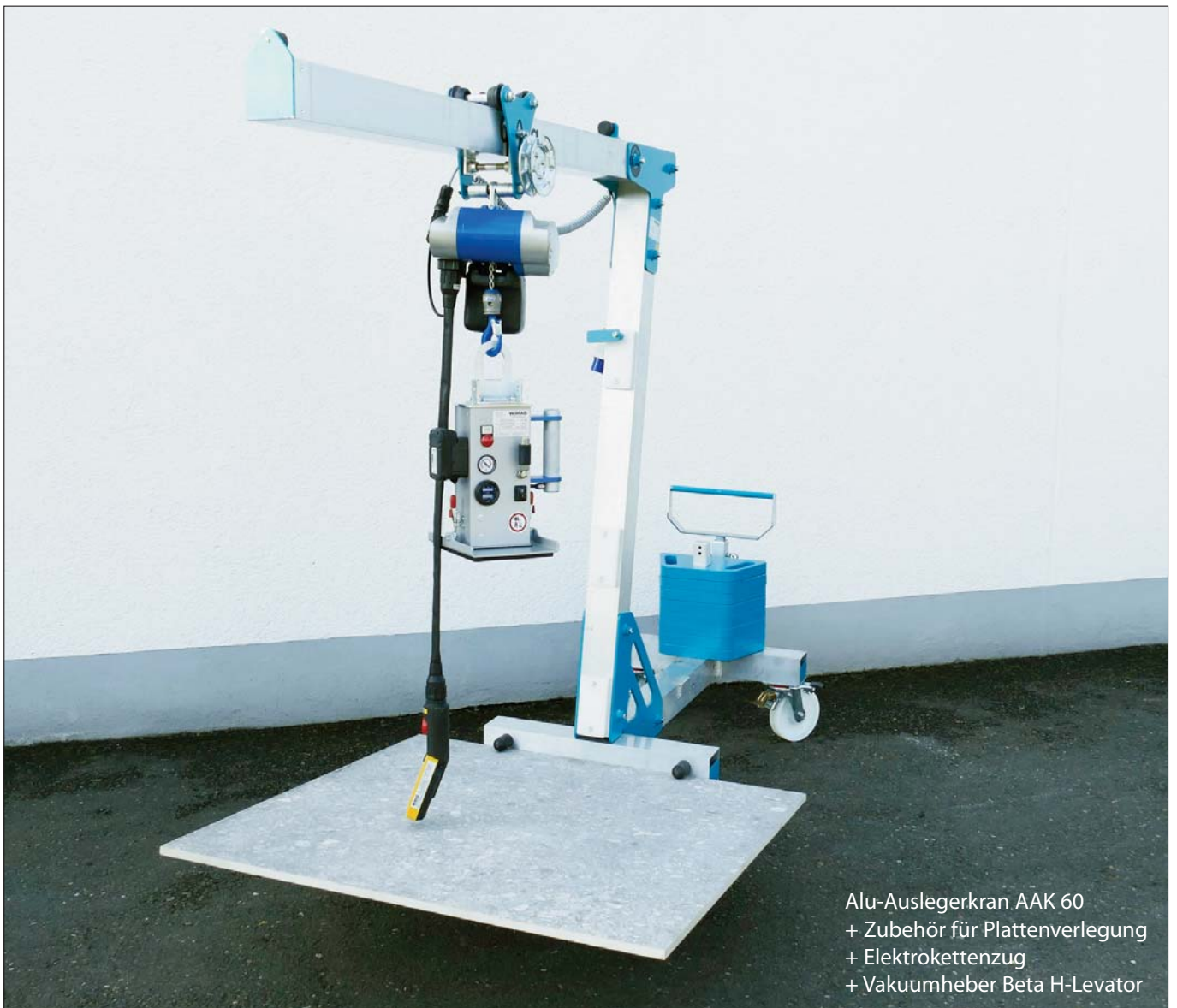
Special designs: Modification of height, width, height adjustment with / without rack jack winches, different wheels, stabilizing spindle, . . . on request.

* maximally possible scale: L = 6,000 mm / GH = 5,100 mm

Details



ALU-AUSLEGERKRAN

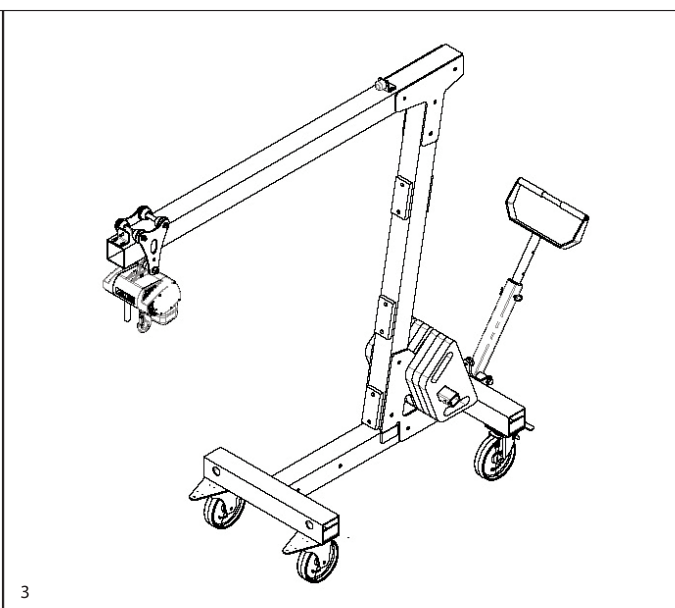
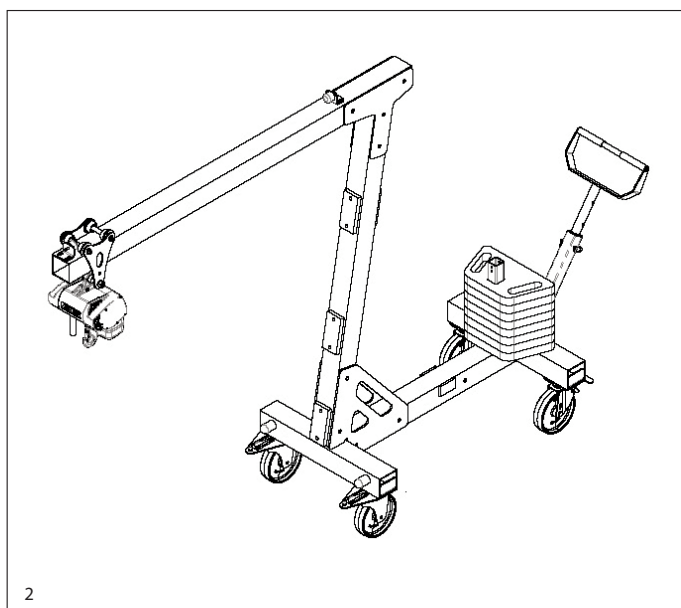


Alu-Auslegerkran AAK 60
+ Zubehör für Plattenverlegung
+ Elektrokettzug
+ Vakuumheber Beta H-Levator

- **Ideal zum Verlegen von Großformat-Platten durch eine Person**
- **Aluminiumprofile ermöglichen den leichten Aufbau**
- **Einzelteile leicht zu transportieren**

ALU-Auslegerkran:

ALU-Unterfahrkran:



Durch das Baukastensystem ist der Kran, je nach Montage, als Auslegerkran (Abb. 2) oder als Unterfahrkran (Abb. 3) einsetzbar.

Die leichten Einzelteile ermöglichen den schnellen Aufbau und Betrieb durch eine Person. Der Kran ist serienmäßig mit einer manuell verfahrbaren Laufkatze ausgerüstet und kann mit einem manuellen oder elektrischen Hebezeug ausgestattet werden. Die Deichsel sowie die Räder mit einem Durchmesser von 200 mm ermöglichen ein leichtes Verfahren.

Mit dem Zubehör ist der Kran optimal zum Verlegen von Platten durch eine Person geeignet. Die Platte wird an die Kranstütze gestellt (Abb. 4), mit dem Kleber eingestrichen und dann umgelegt (Abb. 1). Als Vakuumheber empfehlen wir unseren Beta H-Levator (Abb. 1; siehe auch Prospekt 817).

Der Kran kann auch mit einer stationären Seilwinde am Trägerende ausgerüstet werden (Abb. 5)



Bestell-Nr.	Typ	Tragfähigkeit	Gesamthöhe	Gesamtbreite	Gesamtlänge	Gewicht
518 000	Alu-Auslegerkran AAK 60 mit Deichsel, Laufkatze und Gegengewicht	60 kg	2.100 mm	700 mm	2.600 mm	250 kg
518 010	Zubehör für Plattenverlegung					
200 102	Seilwinde SW 100 komplett mit Seil, Gewicht, Handrad, für Akkuantrieb, Tragfähigkeit 100 kg					5 kg
750 001	Elektrokettenzug Tragfähigkeit 100 kg, Hubhöhe 3 m, Hubgeschwindigkeit 0,7-12 m/min, 1,0 m Steuerleitung mit Hängetaster, Stromanschluss 230 V-50 Hz					10 kg

ALU-RUCK-ZUCK



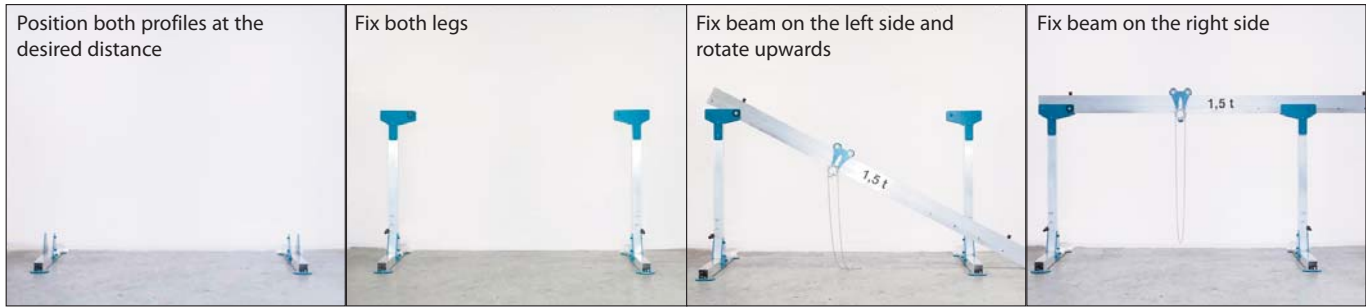
ARZ with stabilizing spindles and wheels

Application made for patent

- Effortless one-person assembly
- Optional stationary or mobile unit
- Height equalisation on request
- The fastest to assemble of all types of cranes
- Equipped with a trolley as standard

ALU-RUCK-ZUCK

Effortless one-person assembly in 5 minutes



Beam and legs are manufactured from light-weight aluminium profiles allowing fast one-person assembly. On one side the span can be adjusted in 300 mm increments and the height can be adjusted in steps of 100 mm on both sides using bolts. A ball bearing trolley with a locking device is included in delivery, easily moveable by pushing the load.

Stationary aluminium crane

The Aluminium Crane ARZ is equipped with four ground plates with rubber coating. The crane can be erected effortlessly by one person in 5 minutes. Four stabilizing spindles enable erection on steps or uneven ground.

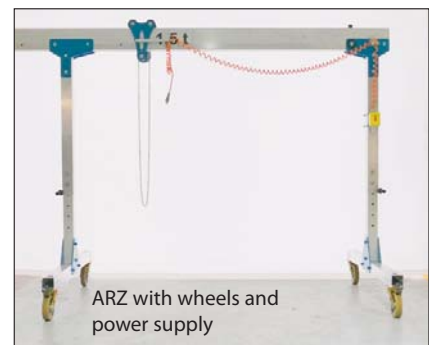
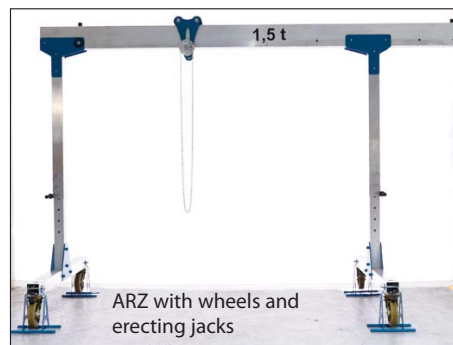
Mobile aluminium crane

The Aluminium Crane ARZ is equipped with four vulkollan wheels. Four erecting jacks are necessary for an easy one-person assembly. Four stabilizing spindles are available as accessories. With up to a carrying capacity of 1,000 kg, the loaded crane can be moved by two people on even and solid ground.

Stabilizing spindles

Both crane models can also be equipped with spindles: height 388 mm (with approximate adjustment of 250 mm using the bolts and fine adjustment of 138 mm using the spindles). When using the spindles to erect the crane a second person is necessary.

Both crane models can be equipped with a power supply when using electric material handling equipment.



Order No.	Model	Carrying Capacity kg	Total Height min/max mm	Span min/max mm	Beam Length mm	Crane Width mm	Weight kg
520 700	Aluminium Crane ARZ	1,500	1,943 / 2,744	2,500 / 3,700	4,000	1,650	125
520 750	4 Stabilizing spindles	Height 388 mm (250 mm by bolts and 138 mm by spindles)					44
520 800	4 Vulkollan wheels	Ø 200 mm with direction and rotation stop					15
520 850	4 Erecting jacks	For one-person erection of the mobile crane by one person					12
722 041	Manual chain hoist HZE 2,0	Lifting height 3 m, construction height min. 385 mm					19
520 900	Power supply within the crane up to mains switch, CEE socket mounted on one leg						

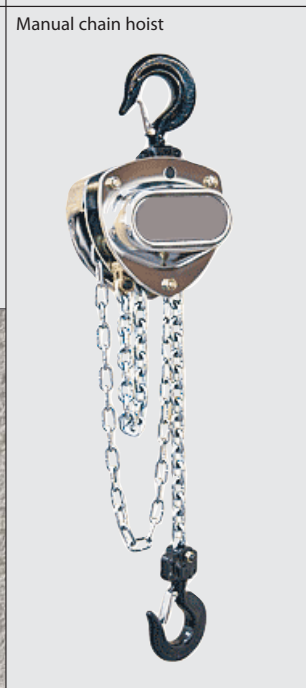
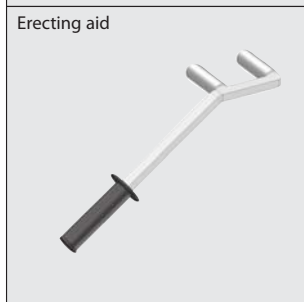
ALUMINIUM FOURLEG



Optional extras
Manual chain hoist
Screw clamp
Erecting aid
Locking device

- Light weight aluminium construction
- Telescopic legs
- Light transportation and easy assembly by one person
- Spikes as standard; rubber plates for solid ground on request
- Adjustable width
- Erecting aid on request

Aluminium Fourleg : optimal crane for fast erection and dismantling by one person



Beam and legs of the crane are manufactured of high quality aluminium profiles. This makes the construction very light and can be easily carried and erected by one person.

The legs can be adjusted in height; a big advantage when operating on uneven ground or when loading or unloading a lorry. The crane is equipped with spikes as standard. Rubber plates are available on request.

The Fourleg is equipped with a ball bearing trolley. It can be moved by pushing against the load and it can be equipped with a locking device.

The erecting aid – available as accessory - is useful when erecting the crane.

Specification

Aluminium Fourleg AV 0.5

Order no.	525 050
Safe working load	500 kg
Beam length	2,000 mm
Clear height min./max.	1.6 m / 2.8 m
Max. weight of each crane component	20 kg
Total weight	58 kg

Rubber plates on request.

Order no.	525 050G
-----------	-----------------

Erecting aid (2 pieces)

Order no.	048 641
-----------	----------------

Locking device for trolley

to be actuated by hand chain

Order no.	048 672
-----------	----------------

Manual chain hoist HZE 0.5

Order no.	722 021
Safe working load	500 kg
Min. construction height	280 mm
Lifting height	3 m
Weight	9 kg

The screw clamp is an ideal device for the transport and the laying of gravestones. The gravestone can also be lifted by the screw clamp from the horizontal to the vertical.

Screw clamp SC 0.5-17

Order no.	309 050
Safe working load	500 kg
Clamping range	60 - 170 mm
Weight	12 kg

Special designs upon inquiry.

MOBILE ALUMINIUM FOURLEG



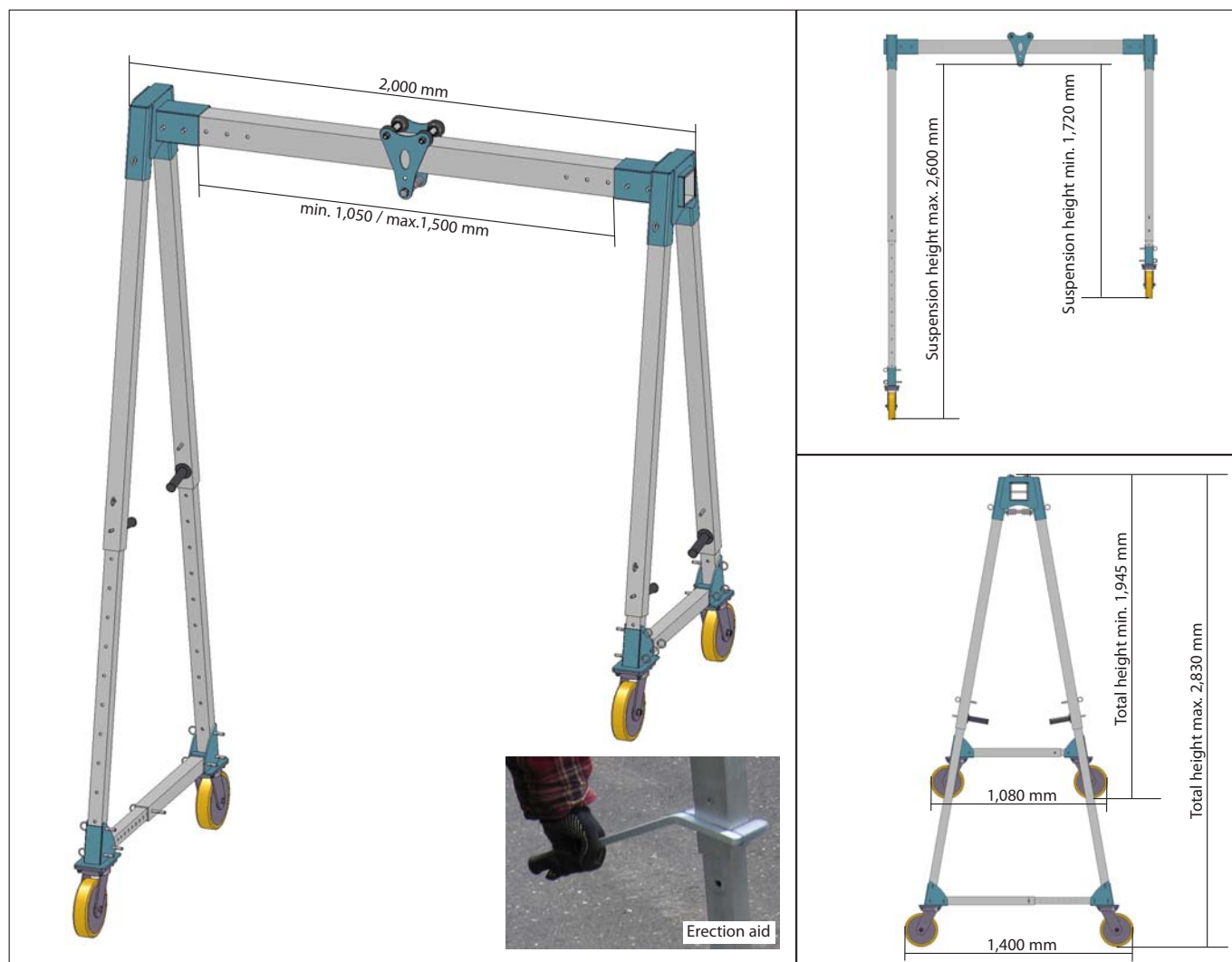
- Lightweight aluminium construction
- Equipped with a trolley as standard
- Telescopic legs
- Rapid assembly
- Effective adjustable width and height
- Equipped with 4 wheel stops
- Easy to move

Mobile aluminium fourleg: rapid assembly and easy to move on even and rigid ground.

Beam and legs are manufactured from aluminium profiles; therefore the fourleg is lightweight in its construction. The effective width and height of the fourleg are adjustable using bolts.

The vulcanized rubber wheels with a diameter of 200 mm are equipped with steering wheels and a manual brake.

The scope of supply includes a ball bearing trolley to fit material handling equipment. The trolley is easily moveable on the beam section by pushing the load. The fourleg can be dismantled into its individual parts and transported or stored, requiring little space.



Order No.	Model	Safe Working Load	Weight
526 050	Mobile aluminium fourleg AVF 0.5	500 kg	95 kg
722 021	Manual chain hoist HZE 0.5, lifting height 3 m, construction height min. 280 mm	500 kg	10 kg
048 672	Locking device for trolley, operation via hand chain		9 kg
048 641	Erection aid (2 pieces)		3 kg

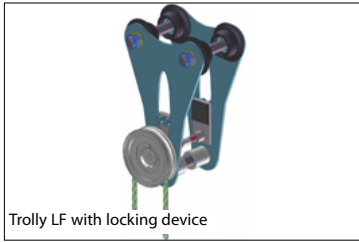
ALUMINIUM GANTRY CRANE



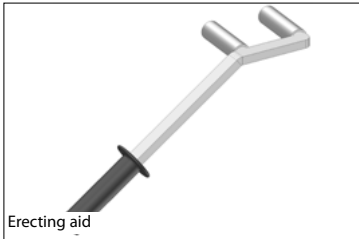
- Light weight aluminium construction
- Continuously adjustable width
- Adjustable length of legs
- Erection aid on request
- Foldable construction, light transportation and easy assembly

The perfect aluminium crane, with quick mounting and dismantling, it is ideal for operating across different sites.

Beam and legs of the crane are manufactured of high quality aluminium profiles. This makes the construction very light and can be easily carried by two people.



Due to link joints between beam and legs the crane is easily erected by one person: fold out the four legs, secure with bolts and adjust to the height required. In this case the erecting aid would prove to be useful, available as accessory.



As a standard delivery the distance between the legs can be continuously adjusted on both sides via two screw adjustments.

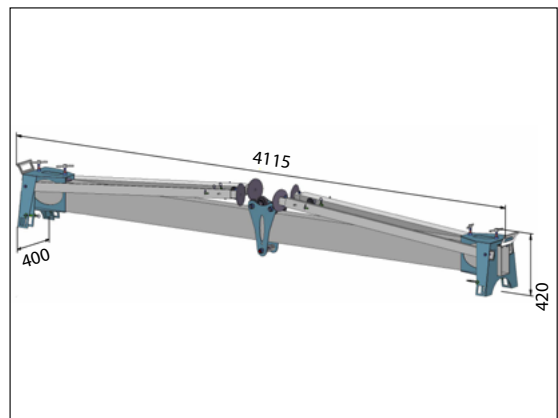
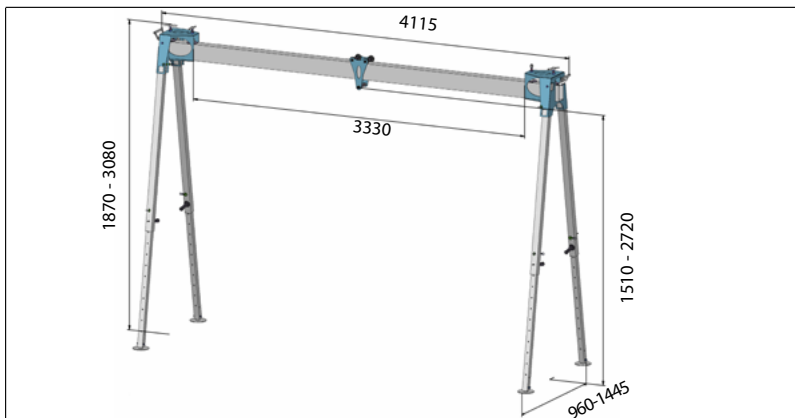
The length of the legs can be adjusted; a big advantage when operating on uneven ground.

The crane is equipped with a ball bearing trolley LK, easily moveable by pushing the load.



On request, the trolley is also available with a locking device: trolley LF. The trolley can be fitted with a manual hoist.

When the crane is not needed, it is simply folded up and can be stored in the smallest of spaces.



Bestell-Nr.	Typ	Safe Working Load	Gewicht
530 075	Aluminium crane AK 750 with trolley LK 750	750 kg	85 kg
722 031	Manual chain hoist HZE 1,0, lifting height 3 m, construction height 330 mm	1,000 kg	12 kg
048 672	Locking device for trolley LF 750	750 kg	8 kg
530 150	Aluminium crane AK 1500 with trolley LK 1500	1,500 kg	105 kg
722 041	Manual chain hoist HZE 2,0, lifting height 3 m, construction height 385 mm	2,000 kg	19 kg
048 671	Locking device for trolley LF 1500	1,500 kg	9 kg
048 648	Hand-Geared Trolley (total height + 80 mm)	1,500 kg	10 kg
048 641	Erection aid (2 pieces)		3 kg
048 044	Spike Aluminium crane (Set=4 Pcs.)		2,5 kg

MOBILE ALUMINIUM CRANE



Mobile aluminium crane with trolley

Optional extra: Cross country off-road wheels

Special design: 2 beams, Safe Working Load 3,000 kg

- ❑ Light weight aluminium construction
- ❑ Adjustable length of legs
- ❑ Easy to move in transport position
- ❑ Continuously adjustable width
- ❑ Foldable construction
- ❑ Simple assembly

The mobile aluminium crane AKF-HV is designed for operation on even and rigid ground. Easy to move and easy to assemble.

Beam and legs of the crane are manufactured of high quality aluminium profiles. Therefore the construction is very light and can be easily moved in dismantled condition.

Due to link joints between beam and legs the crane is easily erected by two people: fold out the four legs, secure with bolts and adjust to the height required.

Now only the two undercarriages must be assembled. In this case the erecting aid would prove to be useful, available as accessory.

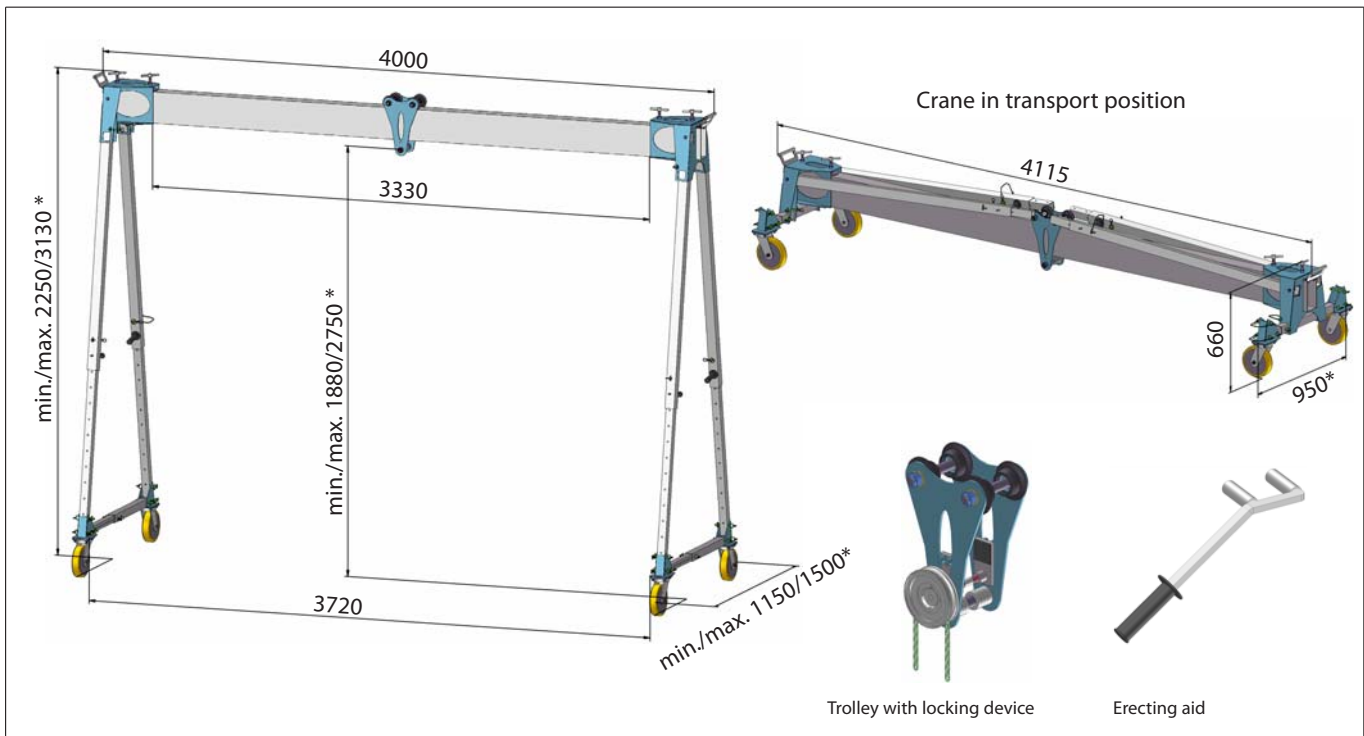
As a standard delivery the distance between the legs can be continuously adjusted on both sides via two screw adjustments.

The crane height required can be adjusted in intervals.

The vulcanised rubber wheels of a diameter of 200 mm are equipped with steering wheels and a manual brake. On request, cross country off-road wheels with pneumatic tyres are available.

The crane is equipped with a ball bearing trolley LK easily moveable on the beam section by pushing the load. On request, the trolley is available with a locking device. The trolley can be fitted with any manual hoist.

When the crane is not needed, it can be easily folded, moved and stored, requiring very little space.



* Cranes equipped with cross country off-road wheels make the crane 50 mm higher and 100 mm wider.

Order No.	Model	Safe Working Load	Weight
535 150	Mobile aluminium crane AKF-HV 1000, with trolley LK	1,000 kg	130 kg
722 031	Manual chain hoist HZE 1.0, lifting height 3 m, construction height 330 mm	1,000 kg	12 kg
048 671	Locking device for trolley	1,500 kg	9 kg
048 648	Hand-gearred trolley (total height + 80 mm)	1,500 kg	10 kg
048 641	Erection aid (2 pieces)		3 kg
048 670	Wheel set: cross country off-road wheels with pneumatic tyres (4 pieces)		28 kg

Special Designs



535 505: 1.5 t
beam length 6 m
Double girder design
Rigid height 3.5 m
Hand-gear trolley



535 510: 1.5 t
beam length 4 m
Adjustable height 2.9 / 4.0 m



535 200: 3.2 t
Double girder
design
Beam length 4 m
Adjustable height
2.4 / 3.2 m

Special Designs



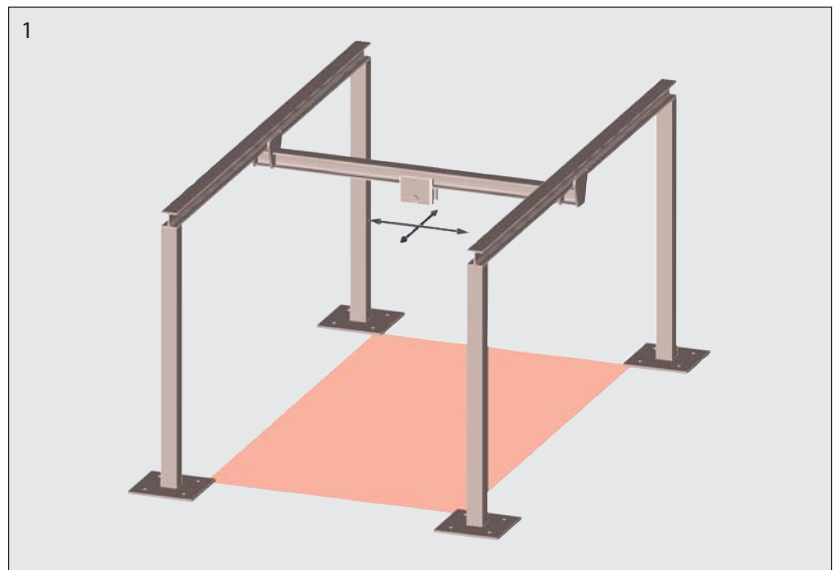
Mobile Aluminium Crane AKF-Ü-0.6-4 / 535 205

Special design with jib to one side, 2 erecting winches, 2 trolleys and counter-weights, with a carrying capacity of 600 kg, beam length 4.0 m, total height 4.0 m, jib length 0.8 m, span approx. 2.8 m, with 2 additional stabilising spindles.

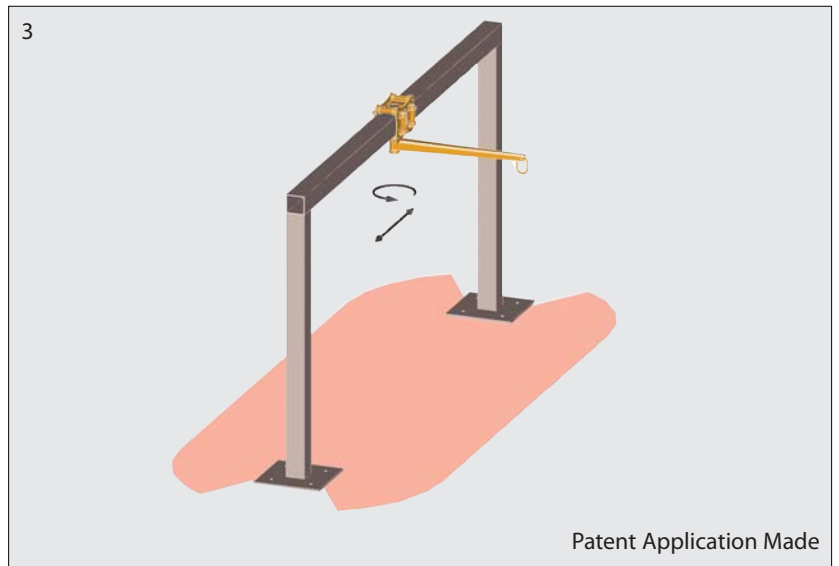
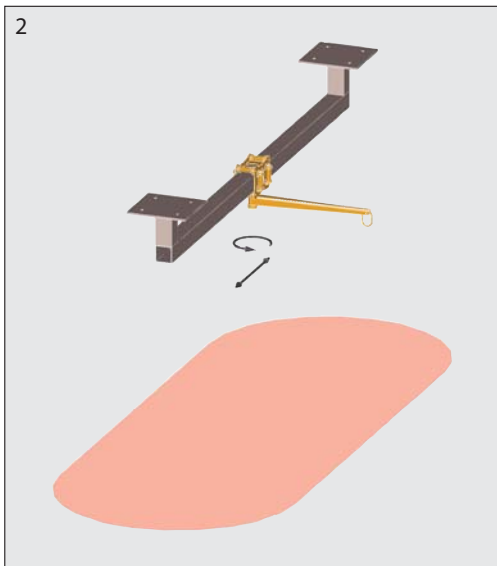
The crane is demountable and moveable on even ground in unloaded condition. All parts can be transported by 2 people and easily mounted/dismantled using the erecting winches.

TRAVELLING CRANE

There are expensive ...



and intelligent crane systems:



- Max. safe working load 100 kg
- Max. working width B 3.0 m
- Equipped with manual or electric hoist or vacuum hose lifter

- Max. working length L 6.0 m
- Max. height H 3.0 m
- Moving and rotating by pushing the load



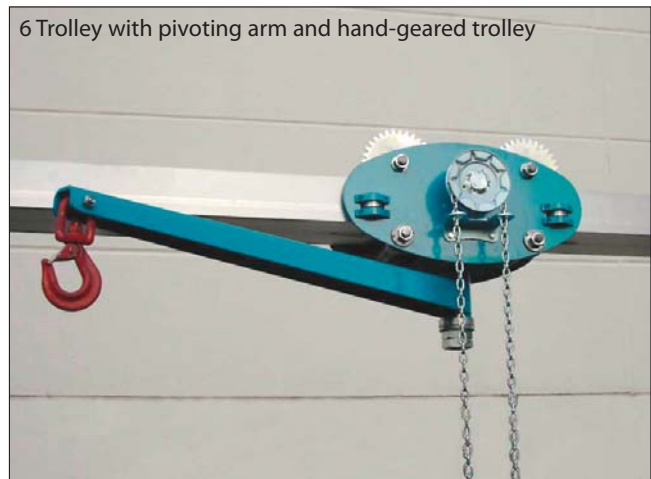
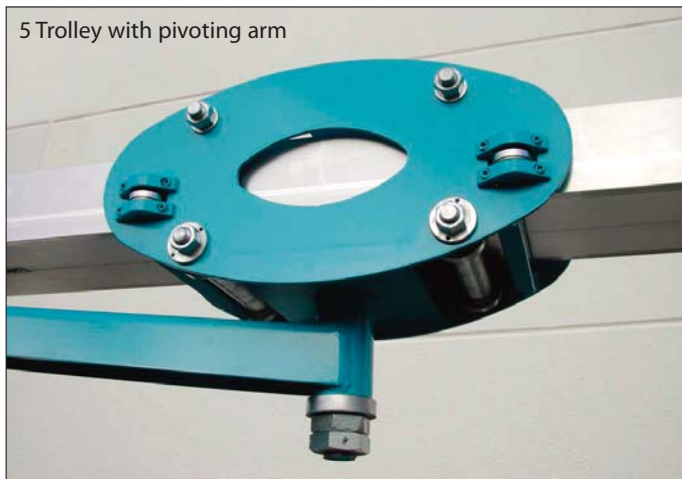
The stationary travelling crane SLK is a simple frame system. The trolley with pivoting arm covers a large working area.

By pushing the load the cantilever can be simply pivoted and the trolley moved.

For easier moving the trolley can also be delivered with a hand-gearred trolley (Fig. 6).

Any manual or electric hoist or even a vacuum hose lifter with an eye can be fitted into the load hook.

The suspended travelling crane HLK (Fig. 2) is designed to be mounted at the ceiling. No disturbing legs enable a large working area.



The travelling crane is designed for indoor operation. The beam consists of an aluminium section. The rest of the construction is made of painted steel. The weight of the hoist may not exceed 20 kg.

Extent of supply: travelling crane with mounting plates (without mounting devices), trolley with pivoting arm (without hoist and without hand-gearred trolley)

Order No.	Model	Safe Working Load kg	Working Length L max. mm	Working Width B max. mm	Height H max. mm	Weight kg
540 050	SLK 50-3	50	6.000	3.000	3.000	
540 100	SLK 100-2	100	6.000	2.000	3.000	
540 150	HLK 50-3	50	6.000	3.000	250	
540 200	HLK 100-2	100	6.000	2.000	250	
540 300	Hand-gearred Trolley					

When ordering please indicate beam length L and Height H requested.

ALUMINIUM TRAVELLING CRANE



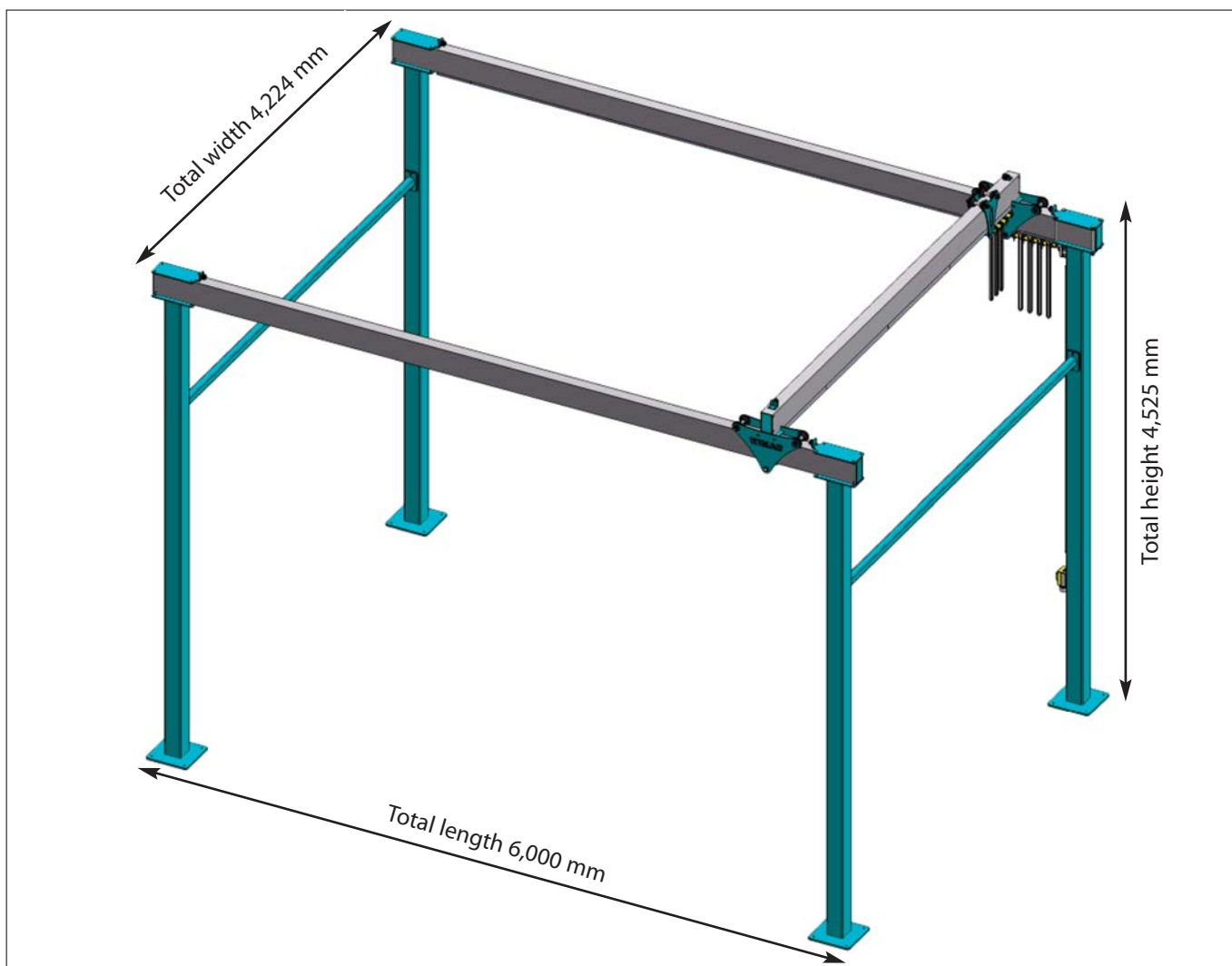
- Longitudinal and transverse beams made of aluminium hollow profiles, therefore easy to move
- Equipped with trolley as standard
- Carrying Capacity 500 kg
- Optionally equipped with manual or electric material handling equipment

Aluminium Travelling Crane: load can easily be moved manually.

Longitudinal and transverse beams are made of precise aluminium profiles.

Delivery includes a ball bearing trolley which fits manual or electric material handling equipment. It can easily be moved by pushing against the load.

The crane can also be equipped with an electric supply, if requested.



Order No.	Model	Safe Working Load kg	Total height / Hook height mm	Total Width mm	Total length mm
550 100	ABK 0.5	500	max. 4,525 / 3,848	max. 4,224	max. 6,000
722 021	Manual chain hoist HZB 0.5, lifting height 3 m, construction height min. 280 mm, weight 10 kg				
750 000	Electric chainhoist 500 kg, lifting height 3 m, lifting speed ¼ m/min., construction height min. 430 mm, weight 20 kg, current supply 400 V – 50 Hz				
550 000	Current supply within the crane construction to the mains switch, CEE plug on one leg.				

The fixing elements for the ground are to be supplied by the customer. The crane is made for operation on even, solid and stable ground.

FREE-STANDING MOBILE JIB CRANE



- Rotatable around 360 °
- Hoist as counterbalance
- With counter weight
- Easily rotatable and movable aluminium beam
- Easily movable with pallet lifter
- Stepless lifting speed

Order No.	Model	Carrying Capacity kg	Beam Length / Cantilever m	Total Height m	Lifting Speed m/min	Voltage	Weight kg
555 200	SK 100	100	3,1 / max. 2,6	2,65	0,7 - 12	230 V / 50 Hz	930
555 210	Wheel set for SK 100						

Special designs on request.