

SCHILLING - Aluminum gantry crane



The aluminum gantry crane. Movable even under load

The height and length adjustable crane system from SCHILLING – flexible and powerful and above all, with unrestricted mobility even under load, an invaluable advantage when it comes to the exact positioning of machines, for example. At rest when not in use, the rolling and swivelling movements can be blocked.

The SCHILLING aluminum gantry crane can be assembled and disassembled in a very short time and with relatively few manual operations. No structural modifications (e.g., dowel fastenings or similar) are necessary. Lightweight construction, with extremely high stability.

suspension point at the bolt of the trolley min. - max. in mm: 3003 - 4153

total height min.- max. in mm: 3104 - 4254

adjustment range of the beam support in mm : 1150

adjustment range of the adjustment foot in mm : 0

total adjustment range in mm : 1150

total width of the crane max. in mm: 6585

distance between the lateral stands on the floor max. in mm: 5393

aluminium beam: separable alu double beam

Beam profile in mm: 220x60

total beam length in mm: 6100

usable beam length in mm: 5399

length of the split beam parts in mm : 3000 / 3000

One of the two pieces (with sleeve) can be used as a single double beam.

The following combinations are possible:

1. beam length in mm : 6000

2. beam length in mm : 3000

beam housing 1: sleeve 92x92 with bump stop and connection point for brace

beam housing 2: end piece

stand brace profile in mm: 120x80

beam support profile in mm : 81x81

length of the beam support 1 / 2 in mm: 2045 / 2045

number of wheels per lateral stand: 4x per lateral stand

- Steel casters
- Heavy-duty polyurethane lining
- With integrated caster and swivel head brake

When not in motion the rolling and swivel functions can be locked.

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|---------------------------------|--------------------|
| Article no. | 14601060-10 |
| Execution | movable under load |
| Height | high |
| Load capacity | 1000 |
| Overall width | 6585 |
| Side frame distance bottom | 5393 |
| Cross strut connection distance | 5332 |
| Overall height Min. | 3104 |
| Overall height Max. | 4254 |
| Max. height of hook-in | 3003 |
| Max. height of hook-in | 4153 |
| Lower edge of beam Min. | 2736 |
| Lower edge of beam Max. | 3886 |

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|-------------------------------|--|
| Total adjustment range | 1150 |
| Side frame weight left | 104 |
| Side frame weight right | 104 |
| Number of wheels | 4x per side frame |
| Trestle strut profile | 120x80 |
| Beam support profile | 81x81 |
| Beam support adjustment range | 1150 |
| Beam support length right | 2045 |
| Seitengestelltiefe | 596 |
| Side frame width | 2312 |
| Aufsteckstützen Gewicht | 10 |
| Horizontal adjuster Weight | 23 |
| Beam weight | 136 |
| Number of beams | twice |
| Carrier version | separable |
| Carrier Article text | Partially or pluggable double beam |
| Carrier profile | 220x60 |
| Träger Abstand | 250 |
| Carrier end left | Sleeve 92x92 with buffer stop und Querstrebenanschluss |
| Carrier end right | End strip |

| | |
|------------------------------|-------------------|
| Beam profile Overall length | 6000 |
| Carrier profile length left | 3000 |
| Carrier profile length right | 3000 |
| Usable carrier length | 5399 |
| Overall beam length | 6100 |
| Weight of trolley | 18 |
| Total weight | 423.0000 |
| Carrier number | 70034220606000-10 |
| Carriage number | 194322060 |
| Width of trolley | 480 |

- Two lateral stands, foldable with one height-adjustable beam support
grid dimension: 50 mm
- with 4 sheet steel swivel castors
Heavy duty polyurethane tread with integrated wheel and swivel lock.
Wheel diameter: 200 mm
Wheel width: 50 mm
- The lateral stands can be folded up effortlessly and can therefore be stowed, stored, and transported in a space saving manner.
- One set of aluminium double beams
The aluminium beam can be taken apart, e.g., for transport or storage purposes, and is therefore extremely space saving.
The aluminium beam is relatively light, mobile, quick, and easy to assemble (a set consists of two single beams).
Separable resp. pluggable aluminium beam.
- One overhead lockable trolley
The trolley is used to hold the chain hoist or alternatively the lifting straps.
Due to the overhead trolley, the maximum lift can be used in relation to the total

height.

Even under full load, the trolley is infinitely adjustable and can be locked in any position.

- Four bump stops
As collision protection for the trolley
- One beam mounting
This fixes the two aluminium supports in exact parallelism.
- One integrated horizontal adjuster
Through the use of the horizontal adjuster the usable length of the aluminium Gantry Crane can be adjusted smoothly between the two lateral stands.
The running track width of the aluminium beam is variable.
This guarantees a higher level of flexibility for the user.

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