

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: 2468 - 3768

total height min.- max. in mm: 2913 - 4213

adjustment range of the beam support in mm : 1300

adjustment range of the adjustment foot in mm : 0

total adjustment range in mm : 1300

total width of the crane max. in mm: 4234

distance between the lateral stands on the floor max. in mm: 3849

aluminium beam: separable alu single beam

Beam profile in mm: 220x60

total beam length in mm: 4100

usable beam length in mm: 3399

length of the split beam parts in mm : 2000 / 2000

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

The following combinations are possible:

1. beam length in mm : 4000

2. beam length in mm : 2000

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

beam housing 2: end piece

stand brace profile in mm: 100x70

beam support profile in mm : 71x71

length of the beam support 1 / 2 in mm: 2355 / 2105

number of wheels per lateral stand: 2x 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.

Article no.	1490540-10
Execution	movable under load
Height	high
Load capacity	500
Overall width	4234
Side frame distance bottom	3849
Cross strut connection distance	3335
Overall height Min.	2913
Overall height Max.	4213
Max. height of hook-in	2468
Max. height of hook-in	3768
Lower edge of beam Min.	2546

Lower edge of beam Max.	3846
Total adjustment range	1300
Side frame weight left	71
Side frame weight right	70
Number of wheels	2x per side frame
Trestle strut profile	100x70
Beam support profile	71x71
Beam support adjustment range	1300
Beam support length right	2105
Side frame width	2312
Horizontal adjuster Weight	11
Beam weight	51
Number of beams	single
Carrier version	separable
Carrier Article text	Partially or pluggable single beam
Carrier profile	220x60
Carrier end left	Sleeve 92x92 with buffer stop und Querstrebenanschluss
Carrier end right	End strip
Beam profile Overall length	4000
Carrier profile length left	2000

Carrier profile length right	2000
Usable carrier length	3399
Overall beam length	4100
Weight of trolley	13
Total weight	222.0000
Carrier number	70034220604000-10
Carriage number	194315
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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