



# Aluminum alloy Gantry Crane

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# Aluminum alloy Gantry Crane

- Precision parts and welding components shall be installed in alignment. Easy operation, stable performance and long service life.
- We only use high-quality aluminum profiles, and the product quality is guaranteed.
- All nuts and bolts are made of 8.8 grade high-strength steel, with corrosion resistant paint coating to enhance the service life of the product.
- All our gantry cranes use heavy casters, which have a long service life and provide smooth rolling performance. Even on the rough floor, it does not affect the use.

# Models and characteristics

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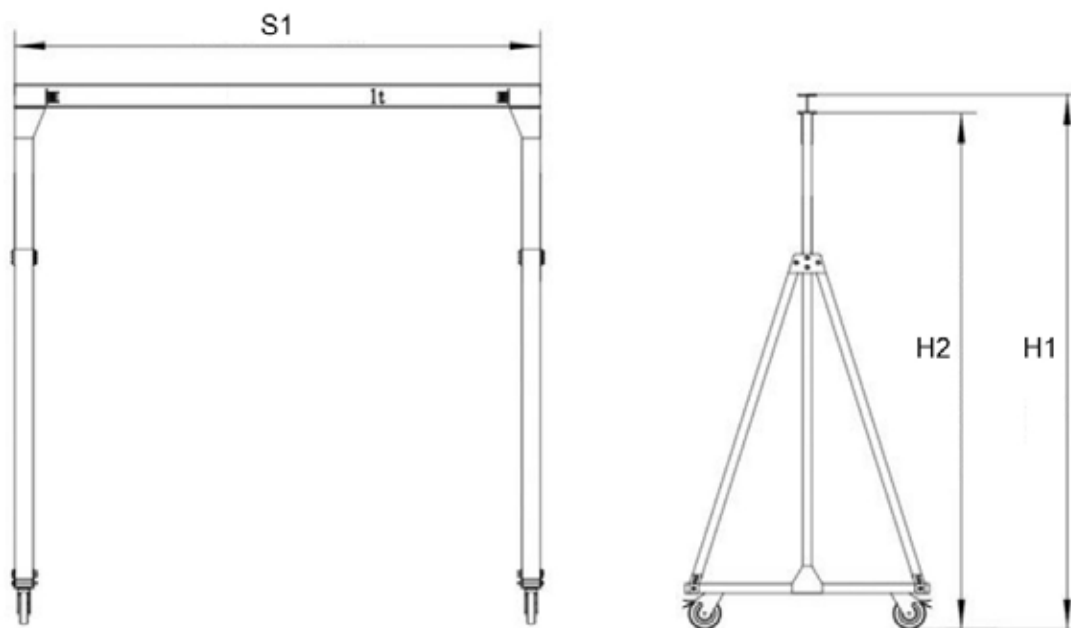
## Model: LT1



### LT1 Height fixed aluminum alloy gantry

- Aluminum alloy material, light and corrosion resistant.
- Fixed height and span, installation; Easy to disassemble.
- It is mainly used in high-end industries with high requirements for cleanliness and equipment materials, such as electronics and university laboratories.

## Technical Parameters



| Lifting Capacity | H1(mm)<br>H2(mm)<br>S1(mm) | 3000 | 4000 | 5000 | 6000 |
|------------------|----------------------------|------|------|------|------|
| 1t               | 2000-3000                  | 2848 | 3848 | 4848 | -    |
| 1t               | 3000-4000                  |      |      |      | 5848 |
| 1t               | 4000-5000                  | 2748 | 3748 | 4748 | 5748 |
| 2t               | 2000-3000                  | 2807 | 3807 | 4807 | -    |
| 2t               | 3000-4000                  |      |      |      |      |
| 2t               | 4000-5000                  | 2707 | 3707 | 4707 | 5707 |
| 3t               | 2000-3000                  | 2807 | 3807 | 4807 | -    |
| 3t               | 3000-4000                  | 2707 | 3707 | 4707 | 5707 |
| 3t               | 4000-5000                  | 2657 | 3657 | 4657 | 5657 |
| 5t               | 2000-3000                  | 2707 | 3707 | 4707 | -    |
| 5t               | 3000-4000                  | 2557 | 3557 | 4557 | 5557 |
| 5t               | 4000-5000                  | 2614 | 3614 | 4614 | 5614 |

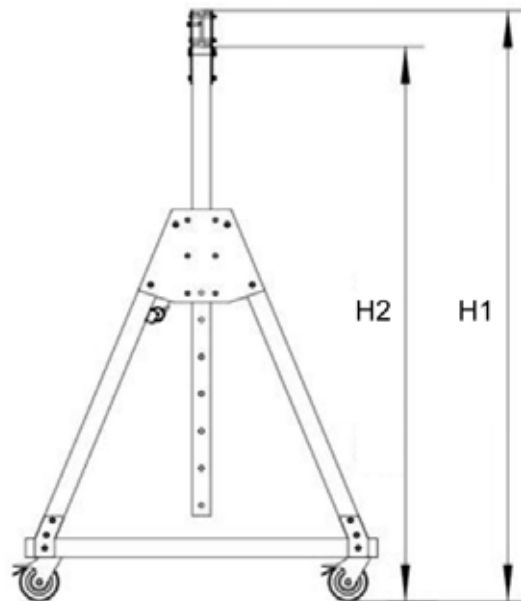
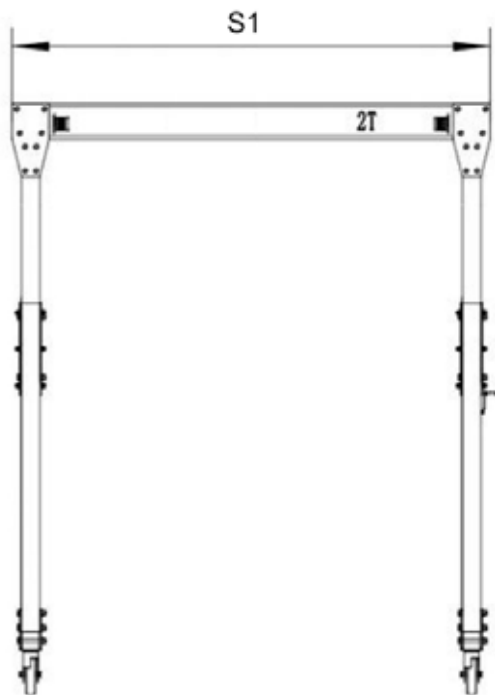
## Model: LT2



### LT2 Height adjustable aluminum alloy gantry crane

- Aluminum alloy material, light and corrosion resistant, high appearance.
- Convenient installation and disassembly, and convenient transportation.
- The height is adjusted by gear, and the number of gears can be set reasonably according to the demand.
- It is suitable for high-end industries such as electronics and laboratories.

## Technical Parameters



| Lifting Capacity | H1(mm)<br>H2(mm)<br>S1(mm) | 2000-3000<br>(adjustable) | 2600-4000<br>(adjustable) | 4000-6000<br>(adjustable) |
|------------------|----------------------------|---------------------------|---------------------------|---------------------------|
| 1t               | 2000-3000                  | 1848-2848                 | 2448-3848                 | -                         |
| 1t               | 3000-4000                  |                           |                           | 3848-5748                 |
| 2t               | 2000-3000                  | 1807-2807                 | 2407-3807                 | -                         |
| 2t               | 3000-4000                  |                           |                           | 3807-5807                 |
| 3t               | 2000-3000                  | 1807-2807                 | 2407-3807                 | 3807-5807                 |
| 3t               | 3000-4000                  | 1657-2657                 | 2257-3657                 | 3657-5657                 |
| 5t               | 2000-3000                  | 1707-2707                 | 2307-3707                 | -                         |
| 5t               | 3000-4000                  | 1657-2657                 | 2257-3657                 | 3657-5657                 |

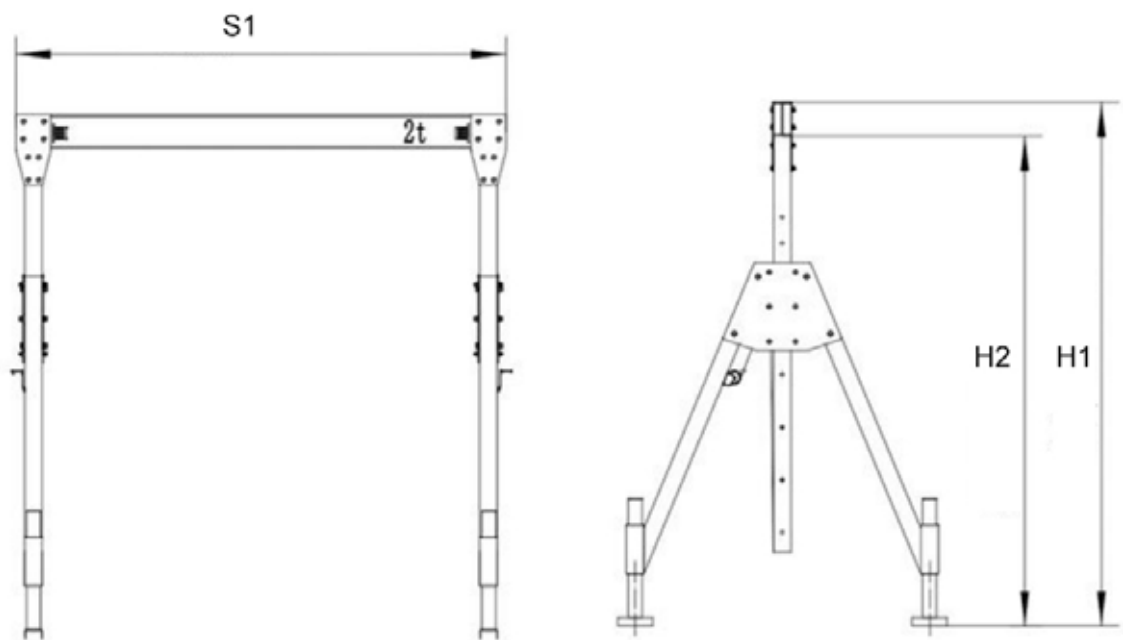
## Model: LT3



### **LT3 Dual height adjustment Aluminum alloy gantry crane**

- Aluminum alloy material, light and corrosion resistant.
- Dual height adjustment design. The column and leg can be adjusted in height.
- It is mainly used in electronics, aerospace, university laboratories, and other high-end industries with high requirements for materials.

# Technical Parameters



| Lifting Capacity | H1(mm)<br>H2(mm)<br>S1(mm) |  | 2000-3000 (adjustable) | 2600-4000 (adjustable) |
|------------------|----------------------------|--|------------------------|------------------------|
|                  |                            |  |                        |                        |
| 1t               | 2000-3000                  |  | 1848-2848              | 2448-3848              |
| 1t               | 3000-4000                  |  |                        |                        |
| 2t               | 2000-3000                  |  | 1807-2807              | 2407-3807              |
| 2t               | 3000-4000                  |  |                        |                        |
| 3t               | 2000-3000                  |  | 1807-2807              | 2407-3807              |
| 3t               | 3000-4000                  |  | 1657-2657              | 2257-3657              |
| 5t               | 2000-3000                  |  | 1707-2707              | 2307-3707              |
| 5t               | 3000-4000                  |  | 1657-2657              | 2257-3657              |

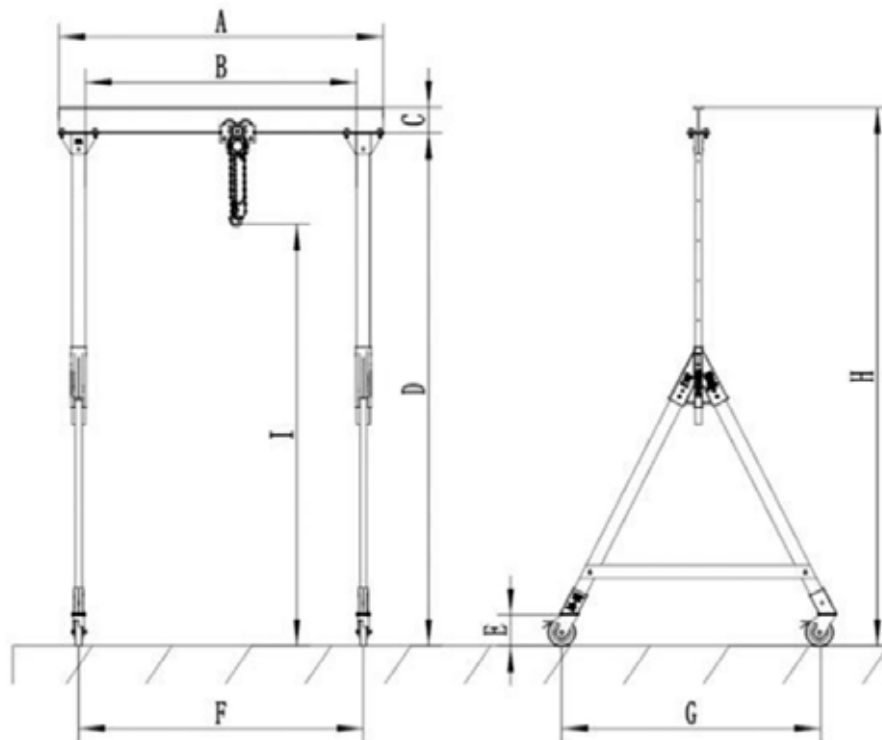
## Model: LT4



### LT4 aluminum alloy portable gantry crane

- Aluminum alloy material, light and corrosion resistant.
- Easy to install and disassemble.
- Electric or manual walking universal castors with braking devices.
- It is mainly used in high-end industries with high requirements for materials, such as electronics and video.

## Technical Parameters



| Parameter<br>(mm)<br>Lifting Capacity<br>(ton) | A    | B    | C   | D         | E   | F    | G    | H         | I         |
|------------------------------------------------|------|------|-----|-----------|-----|------|------|-----------|-----------|
| 0.5                                            | 2000 | 1600 | 152 | 1848-2848 | 170 | 1700 | 1432 | 2000-3000 | 1588-2588 |
| 0.5                                            | 3000 | 2600 | 152 | 1848-2848 | 170 | 2700 | 1432 | 2000-3000 | 1588-2588 |
| 0.5                                            | 3000 | 2600 | 152 | 2348-3848 | 170 | 2700 | 1940 | 2500-4000 | 2088-3588 |
| 0.5                                            | 4000 | 3600 | 152 | 1848-2848 | 170 | 3700 | 1432 | 2000-3000 | 1588-2588 |
| 0.5                                            | 4000 | 3600 | 152 | 2348-3848 | 170 | 3700 | 1940 | 2500-4000 | 2088-3588 |
| 1                                              | 2000 | 1600 | 152 | 1848-2848 | 170 | 1700 | 1432 | 2000-3000 | 1588-2588 |
| 1                                              | 3000 | 2600 | 152 | 1848-2848 | 170 | 2700 | 1432 | 2000-3000 | 1588-2588 |
| 1                                              | 3000 | 2600 | 152 | 2348-3848 | 170 | 2700 | 1940 | 2500-4000 | 2088-3588 |
| 1                                              | 4000 | 3600 | 152 | 1848-2848 | 170 | 3700 | 1432 | 2000-3000 | 1588-2588 |
| 1                                              | 4000 | 3600 | 152 | 2348-3848 | 170 | 3700 | 1940 | 2500-4000 | 2088-3588 |
| 2                                              | 2000 | 1600 | 193 | 1807-2807 | 180 | 1700 | 1360 | 2000-3000 | 1457-2457 |
| 2                                              | 3000 | 2600 | 193 | 1807-2807 | 180 | 2700 | 1360 | 2000-3000 | 1457-2457 |
| 2                                              | 3000 | 2600 | 193 | 2307-3807 | 180 | 2700 | 1859 | 2500-4000 | 1957-3457 |
| 2                                              | 4000 | 3600 | 193 | 1807-2807 | 180 | 3700 | 1360 | 2000-3000 | 1457-2457 |
| 2                                              | 4000 | 3600 | 193 | 2307-3807 | 180 | 3700 | 1859 | 2500-4000 | 1957-3457 |

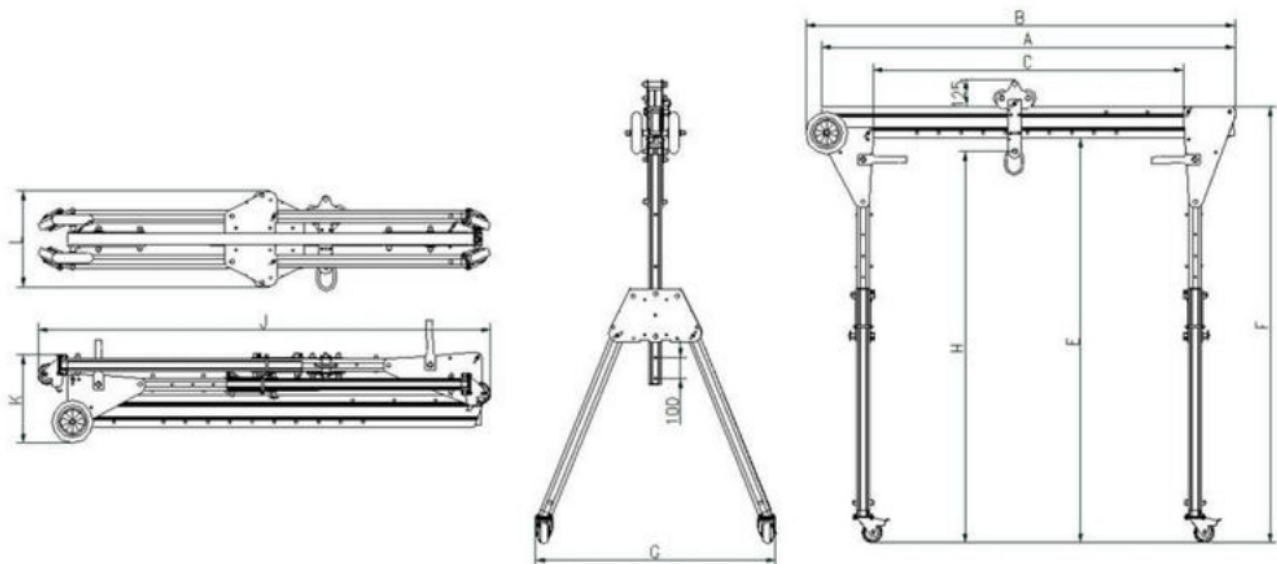
## Model: LT5



### LT5 aluminum alloy folding gantry crane

- Aluminum alloy material, lightweight, corrosion resistant, foldable design, easy to put into the handbag, more convenient transportation.
- Height adjustable, span adjustable, electric or manual walking.
- The truck is made of high-strength nylon, which can move faster and more stable.
- Applicable to industries with high material requirements such as clean rooms and laboratories.

# Technical Parameters



| Model   | Lifting capacity (KG) | Falling objects (KG) | Lifting Workers |         | Size parameters (mm) |      |           |           |           |      |           |      |     |     | Dead weight |
|---------|-----------------------|----------------------|-----------------|---------|----------------------|------|-----------|-----------|-----------|------|-----------|------|-----|-----|-------------|
|         |                       |                      | Weight (KG)     | Numbers | A                    | B    | C         | E         | F         | G    | H         | J    | K   | L   |             |
| PRGS20  | 500                   | 140                  | 250             | 3       | 2000                 | 2076 | 1100-1500 | 1914-2114 | 2064-2264 | 1158 | 1850-2050 | 2190 | 415 | 440 | 33          |
| PRGS23  | 400                   |                      | 200             | 2       | 2300                 | 2376 | 1200-1800 |           |           |      |           | 2376 |     |     | 34          |
| PRGS40  | 250                   |                      | 125             | 1       | 4000                 | 4076 | 2700-3500 |           |           |      |           | 4076 |     |     | 40          |
| PRGM20  | 400                   |                      | 200             | 2       | 2000                 | 2076 | 1100-1500 | 1818-2218 | 1968-2368 | 1215 | 1755-2155 | 2076 |     |     | 34          |
| PRGM23  | 400                   |                      | 200             | 2       | 2300                 | 2376 | 1200-1800 |           |           |      |           | 2376 |     |     | 34          |
| PRGM40  | 250                   |                      | 125             | 1       | 4000                 | 4076 | 2700-3500 |           |           |      |           | 4076 |     |     | 40          |
| PRGT20  | 250                   |                      | 125             | 1       | 2000                 | 2076 | 1100-1500 | 2092-2992 | 2242-3142 | 1586 | 2028-1928 | 2631 |     |     | 38          |
| PRGT23  | 250                   |                      | 125             | 1       | 2300                 | 2376 | 1200-1800 |           |           |      |           | 2631 |     |     | 39          |
| PRGT40  | 250                   |                      | 125             | 1       | 4000                 | 4076 | 2700-3500 |           |           |      |           | 4076 |     |     | 44          |
| PRG1S20 | 1000                  | 300                  | 500             | 3       | 2000                 | 2077 | 1102-1507 | 1661-2161 | 1822-2322 | 1270 | 1549-2049 | 2077 | 464 | 536 | 45          |
| PRG1S30 | 1000                  |                      | 500             | 3       | 3000                 | 3077 | 1902-2502 |           |           |      |           | 3077 |     |     | 53          |
| PRG1S40 | 500                   |                      | 500             | 3       | 4000                 | 4077 | 1902-3502 |           |           |      |           | 4077 |     |     | 58          |
| PRG1M20 | 1000                  |                      | 500             | 3       | 2000                 | 2077 | 1102-1507 | 1900-2600 | 2061-2761 | 1484 | 1859-2559 | 2200 |     |     | 49          |
| PRG1M30 | 1000                  |                      | 500             | 3       | 3000                 | 3077 | 1902-2502 |           |           |      |           | 3077 |     |     | 54          |
| PRG1M40 | 500                   |                      | 500             | 3       | 4000                 | 4077 | 1902-3502 |           |           |      |           | 4077 |     |     | 59          |
| PRG1T20 | 1000                  |                      | 500             | 3       | 2000                 | 2077 | 1102-1507 | 2140-3040 | 2301-3201 | 1698 | 2099-2999 | 2830 |     |     | 53          |
| PRG1T30 | 1000                  |                      | 500             | 3       | 3000                 | 3077 | 1902-2502 |           |           |      |           | 3077 |     |     | 58          |
| PRG1T40 | 500                   |                      | 500             | 3       | 4000                 | 4077 | 1902-3502 |           |           |      |           | 4077 |     |     | 62          |

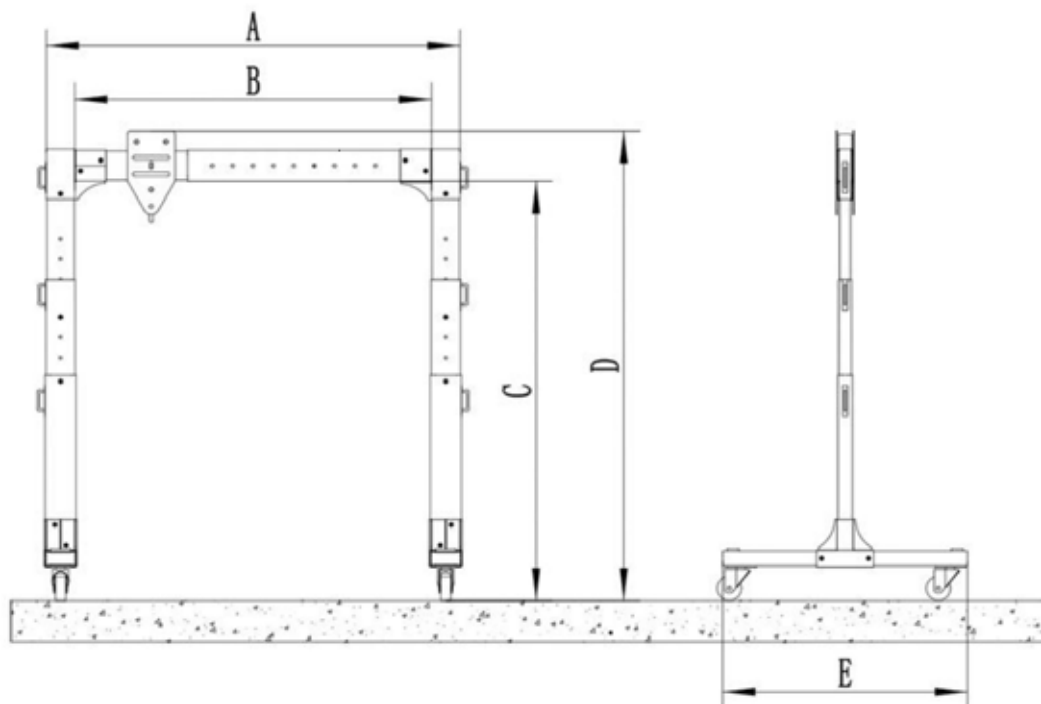
## Model: LT6



### LT6 aluminum alloy telescopic gantry crane

- Aluminum alloy material, light and corrosion resistant.
- Adjustable span and height.
- The bottom beam can be turned over, and the wheels not easy to move when working, but can be pushed manually when working.
- The whole machine is 38kg, and one person can complete the installation and disassembly in 3 minutes. Put the car in easily after disassembly.
- It is used in food workshops clean rooms, laboratories and other high-end industries with high material requirements.

## Technical Parameters



| Lifting capacity (KG) | Size parameters (mm) |           |           |           |      |
|-----------------------|----------------------|-----------|-----------|-----------|------|
|                       | A                    | B         | C         | D         | E    |
| 250                   | 1610-2260            | 1350-2000 | 1500-2500 | 1650-2650 | 1200 |
| 250                   | 2760-4260            | 2500-4000 | 2500-4000 | 1650-4150 | 1600 |
| 500                   | 1630-2280            | 1350-2000 | 1350-2750 | 1500-2900 | 1200 |
| 500                   | 2780-4280            | 2500-4000 | 2500-4000 | 2650-4150 | 1600 |
| 1000                  | 1630-2280            | 1350-2000 | 1350-2750 | 1500-2900 | 1200 |
| 1000                  | 2780-4280            | 2500-4000 | 2500-4000 | 2650-4150 | 1600 |
| 2000                  | 1630-2280            | 1350-2000 | 1350-2750 | 1500-2900 | 1200 |
| 2000                  | 2780-4280            | 2500-4000 | 2500-4000 | 2650-4150 | 1600 |

# Composition

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## Hoist

- Manual chain hoist
- Electric chain hoist
- Electric wire rope hoist



## Main structure



## Wheels



## Control options

- Pendant control
- Remote control



# Photos View

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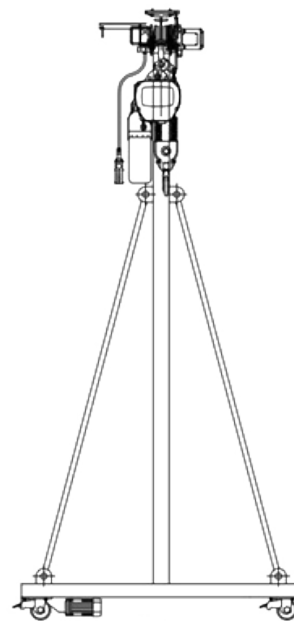
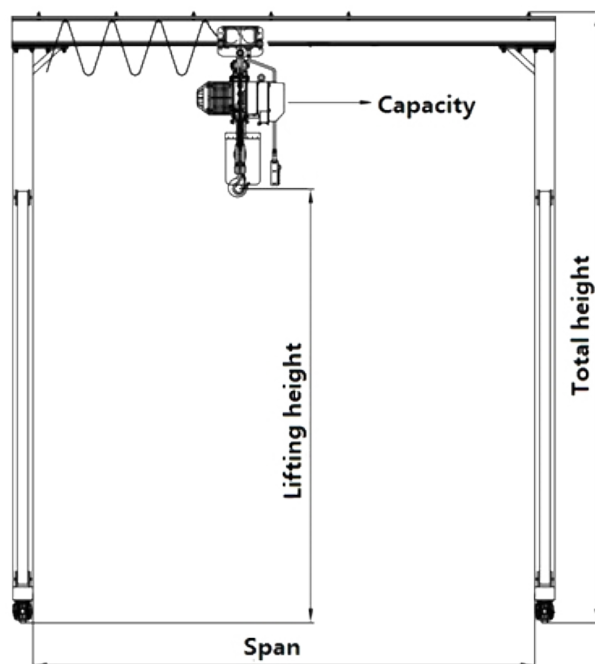


# Portable gantry crane

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# Tailor your crane



- Lifting capacity:  ton
- Lifting height:  m
- Span:  m
- Voltage:  V  Hz  Phase (Electric hoist)
- Hoist type: A. Electric chain hoist    B. Electric wire rope hoist    C. Manual chain hoist
- Control Mode:    A. Remote control    B. Pendant Control
- What material will the crane lift?
- Transportation: tell us the sea port name near you, we can quote you shipping freight.



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