

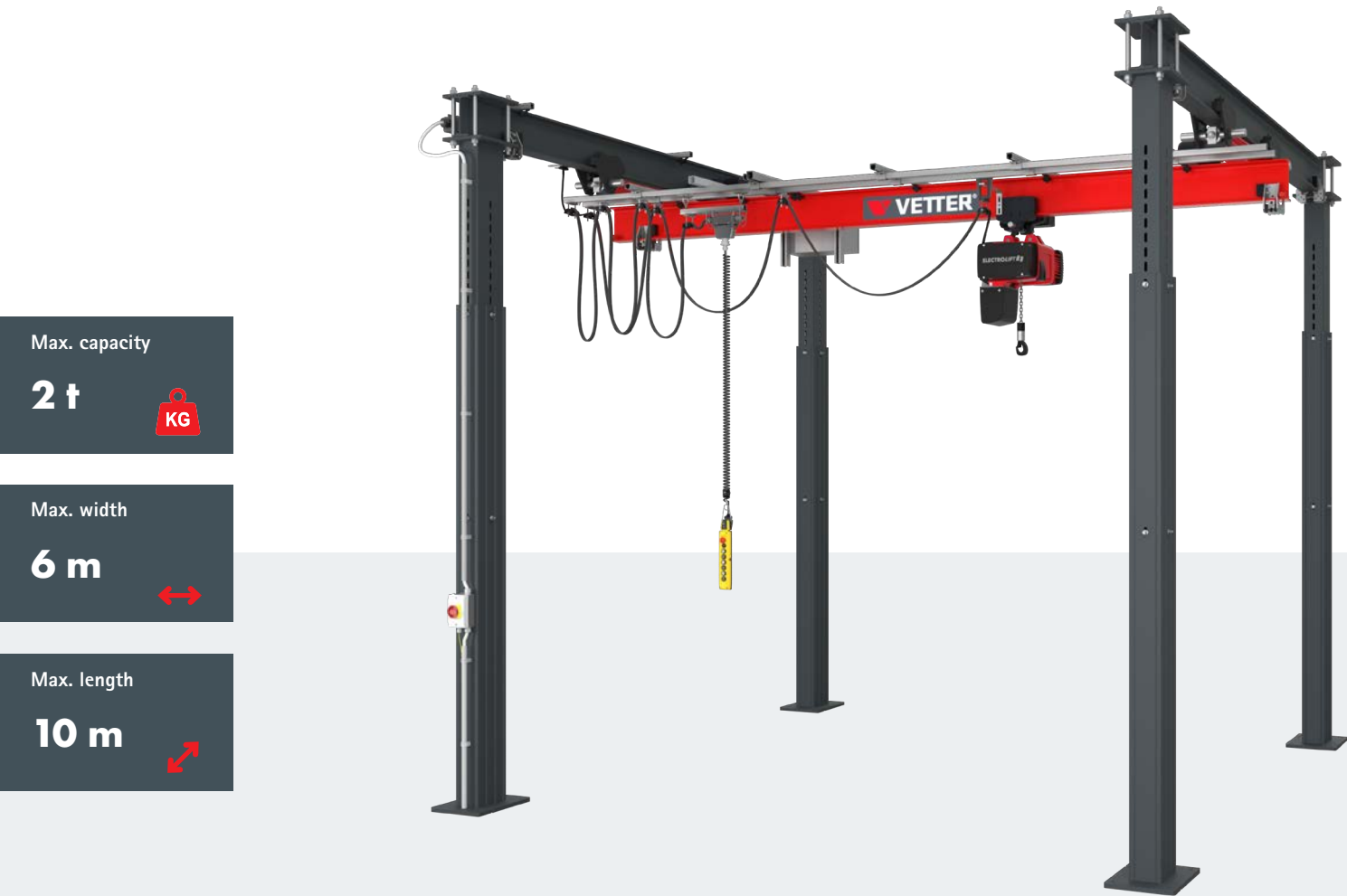
## GANTRY CRANE SYSTEMS

Modular by design. Individually realised.



*VETTER - Lifts and moves.*





Max. capacity  
**2 t**


Max. width  
**6 m**


Max. length  
**10 m**


# ZSP-E

Double-rail gantry crane – single-field system

## HIGHLIGHTS

- + Full-area load handling
- + Large usable lifting height
- + Optional electric trolley for crane travelling
- + Dimensions to customer specifications

## TECHNICAL DATA

Capacity: 500 – 2,000 kg  
 Width: 3,000 – 6,000 mm  
 Length: 2,000 – 10,000 mm  
 Crane bridge clearance: 2,000 – 5,000 mm  
 Total height: 2,500 – 5,500 mm  
 EN 15011 Hoisting class: HC2  
 EN 15011 Stability class: S2  
 Crane travel: By hand / Electrical  
 Hoist: Chain hoist  
 Trolley travel: By hand / Electrical  
 Installation location: Indoor

|               |       | Length [m] |   |   |   |   |   |   |   |    |
|---------------|-------|------------|---|---|---|---|---|---|---|----|
|               |       | 2          | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Capacity [kg] | 500   | ●          | ● | ● | ● | ● | ● | ● | ● | ●  |
|               | 800   | ●          | ● | ● | ● | ● | ● | ● | ● | ●  |
|               | 1,000 | ●          | ● | ● | ● | ● | ● | ● | ● | ●  |
|               | 1,600 | ●          | ● | ● | ● | ● | ● | ● | ● | ●  |
|               | 2,000 | ●          | ● | ● | ● | ● | ● | ● |   |    |



Max. capacity  
**2 t**


Max. width  
**8 m**


Max. field length  
**10 m**


Crane runway length  
**∞**


# ZSP-M

Double-rail gantry crane – multi-field system

## HIGHLIGHTS

- + Full-area load handling
- + Crane runway length modularly extendable
- + Optional electric trolley for crane travelling
- + Dimensions to customer specifications

## TECHNICAL DATA

Capacity: 500 – 2,000 kg  
 Width: 4,000 – 8,000 mm  
 Field length: 2,000 – 10,000 mm  
 Crane runway length: Modularly extendable by combining fields  
 Crane bridge clearance: 2,000 – 5,000 mm  
 Total height: 2,500 – 5,550 mm  
 EN 15011 Hoisting class: HC2  
 EN 15011 Stability class: S2  
 Crane travel: By hand / Electrical  
 Hoist: Chain hoist  
 Trolley travel: By hand / Electrical  
 Installation location: Indoor

|               |       | Field length [m] |   |   |   |   |   |   |   |    |
|---------------|-------|------------------|---|---|---|---|---|---|---|----|
|               |       | 2                | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Capacity [kg] | 500   | •                | • | • | • | • | • | • | • | •  |
|               | 800   | •                | • | • | • | • | • | • | • | •  |
|               | 1,000 | •                | • | • | • | • | • | • | • | •  |
|               | 1,600 | •                | • | • | • | • | • | • | • | •  |
|               | 2,000 | •                | • | • | • | • | • | • | • | •  |

ALU

Max. capacity

1 t



Max. width

10.5 m



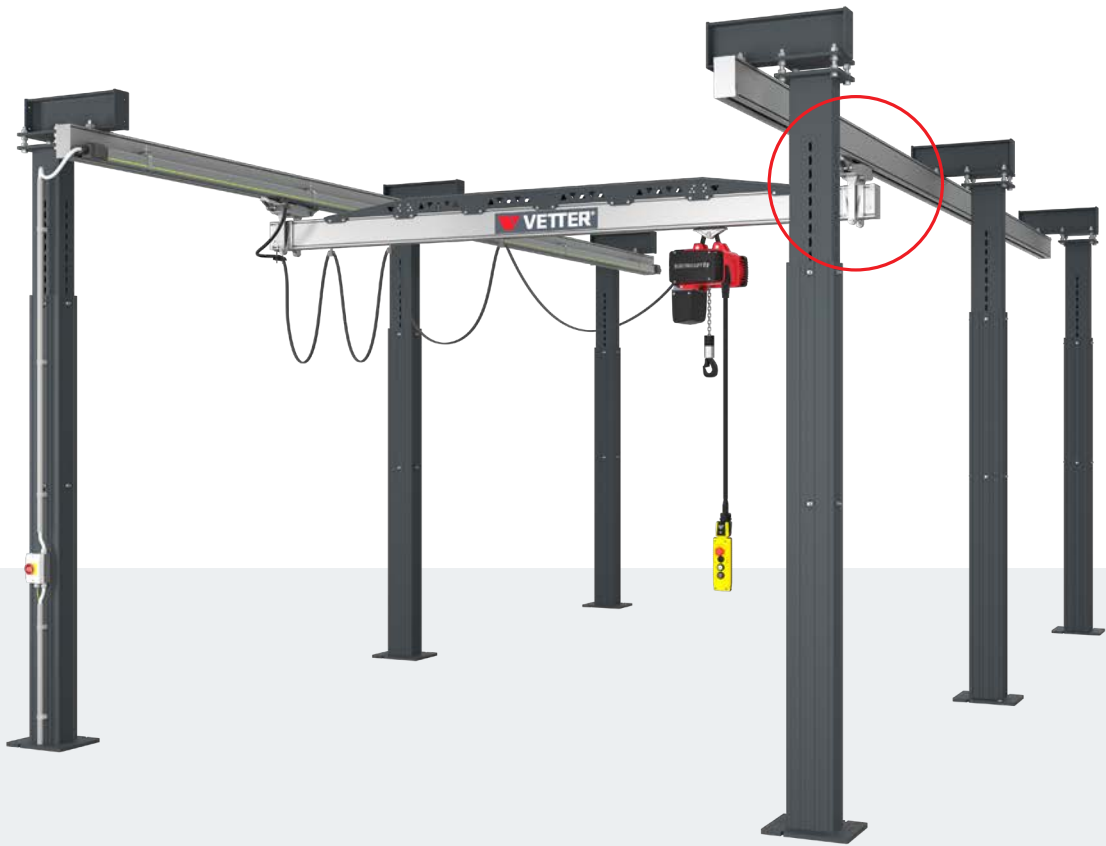
Max. field length

10 m



Crane runway length

∞



# ZSP-ErgoLine®

Ergonomic double-rail gantry crane

## HIGHLIGHTS

- + Full-area load handling
- + Crane runway length modularly extendable
- + Smooth-running trolleys for ergonomic handling and low traversing forces
- + Height-adjustable supports for easy installation
- + Dimensions to customer specifications

## TECHNICAL DATA

|                           |                                          |
|---------------------------|------------------------------------------|
| Capacity:                 | 80 – 1,000 kg                            |
| Width:                    | 2,000 – 10,500 mm                        |
| Field length:             | 3,000 – 10,000 mm                        |
| Crane runway length:      | Modularly extendable by combining fields |
| Crane bridge clearance:   | 2,200 – 5,000 mm                         |
| Total height:             | 2,900 – 5,450 mm                         |
| EN 15011 Hoisting class:  | HC2                                      |
| EN 15011 Stability class: | S2                                       |
| Crane travel:             | By hand                                  |
| Hoist:                    | Chain hoist                              |
| Trolley travel:           | By hand                                  |
| Installation location:    | Indoor                                   |

- Runway made of aluminium profile
- Runway made of steel profile with stainless steel smooth running surface

| Field length [m] |       | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 |
|------------------|-------|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|----|
| Capacity [kg]    | 80    | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |
|                  | 125   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |
|                  | 250   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |
|                  | 320   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |
|                  | 500   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |
|                  | 630   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |
|                  | 800   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |
|                  | 1,000 | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | • | •   | •  |



ALU



## Aluminium runway

High-quality aluminium profile with an internal-running trolley for exceptionally smooth, effortless operation and low dead weight. Ideal for applications in the medium load capacity range.

STEEL



## Steel runway with stainless steel smooth running surface

Robust steel construction for large field lengths, combined with a stainless steel running surface for minimal friction and consistently smooth movement. Ideal for applications with higher load capacities.

## With cantilever runway

More clearance. Full performance.

The gantry crane system with cantilever runway combines maximum functionality with a significantly reduced space requirement. Thanks to the design with just two supports, working and traffic areas remain unobstructed – ideal conditions for efficient internal material flow with forklift trucks and other industrial trucks.

The open-front design also allows effortless integration into existing hall layouts. For example, an overhead travelling crane can move directly into the system, seamlessly connecting working areas.





# ZSP-Olympia®

High-performance double-rail gantry crane

HIGHLIGHTS

- + Full-area load handling
- + Large usable lifting height
- + Crane runway length modularly extendable
- + High operating comfort thanks to smooth starting and braking characteristics
- + Dimensions to customer specifications

TECHNICAL DATA

Capacity: 1,000 – 10,000 kg  
Width: 4,000 – 15,000 mm  
Field length: 4,000 – 10,000 mm  
Crane runway length: Modularly extendable by combining fields  
Crane bridge clearance: 2,500 – 6,250 mm  
Total height: 2,950 – 6,700 mm  
EN 15011 Hoisting class: HC2  
EN 15011 Stability class: S3  
Crane travel: Electrical  
Hoist: Chain hoist / Wire rope hoist  
Trolley travel: Electrical  
Installation location: Indoor / Outdoor

|               |        | Field length [m] |   |   |   |   |   |    |
|---------------|--------|------------------|---|---|---|---|---|----|
|               |        | 4                | 5 | 6 | 7 | 8 | 9 | 10 |
| Capacity [kg] | 1,000  | •                | • | • | • | • | • | •  |
|               | 1,600  | •                | • | • | • | • | • | •  |
|               | 2,000  | •                | • | • | • | • | • | •  |
|               | 2,500  | •                | • | • | • | • | • | •  |
|               | 3,200  | •                | • | • | • | • | • | •  |
|               | 4,000  | •                | • | • | • | • | • | •  |
|               | 5,000  | •                | • | • | • | • | • | •  |
|               | 6,300  | •                | • | • | • | • | • | •  |
|               | 8,000  | •                | • | • | • | • | • | •  |
|               | 10,000 | •                | • | • | • | • | • | •  |

Max. capacity

10 t 

Max. width

15 m 

Max. field length

10 m 

Crane runway length

∞ 



# ESP-E

Monorail gantry crane – single-field system

## HIGHLIGHTS

- + Linear load handling
- + Large usable lifting height
- + Dimensions to customer specifications

|               |       | Length [m] |   |   |   |   |   |   |   |    |
|---------------|-------|------------|---|---|---|---|---|---|---|----|
|               |       | 2          | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Capacity [kg] | 500   | •          | • | • | • | • | • | • | • | •  |
|               | 800   | •          | • | • | • | • | • | • | • | •  |
|               | 1,000 | •          | • | • | • | • | • | • | • | •  |
|               | 1,600 | •          | • | • | • | • | • | • | • | •  |
|               | 2,000 | •          | • | • | • | • | • | • | • | •  |
|               | 3,200 | •          | • | • | • | • | • | • |   |    |
|               | 4,000 | •          | • | • | • | • |   |   |   |    |

## TECHNICAL DATA

|                           |                      |
|---------------------------|----------------------|
| Capacity:                 | 500 – 4,000 kg       |
| Length:                   | 2,000 – 10,000 mm    |
| Gantry clearance:         | 2,500 – 4,500 mm     |
| Total height:             | 2,750 – 4,700 mm     |
| EN 15011 Hoisting class:  | HC2                  |
| EN 15011 Stability class: | S2                   |
| Hoist:                    | Chain hoist          |
| Trolley travel:           | By hand / Electrical |
| Installation location:    | Indoor / Outdoor     |



# ESP-M

Monorail gantry crane – multi-field system

## HIGHLIGHTS

- + Linear load handling
- + Crane runway length modularly extendable
- + Dimensions to customer specifications

|               |       | Field length [m] |   |   |   |   |   |   |   |    |
|---------------|-------|------------------|---|---|---|---|---|---|---|----|
|               |       | 2                | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Capacity [kg] | 500   | •                | • | • | • | • | • | • | • | •  |
|               | 800   | •                | • | • | • | • | • | • | • | •  |
|               | 1,000 | •                | • | • | • | • | • | • | • | •  |
|               | 1,600 | •                | • | • | • | • | • | • | • | •  |
|               | 2,000 | •                | • | • | • | • | • | • |   |    |

## TECHNICAL DATA

|                           |                                          |
|---------------------------|------------------------------------------|
| Capacity:                 | 500 – 2,000 kg                           |
| Outreach:                 | 1,000 – 2,000 mm                         |
| Field length:             | 2,000 – 10,000 mm                        |
| Crane runway length:      | Modularly extendable by combining fields |
| Gantry clearance:         | 2,500 – 5,000 mm                         |
| Total height:             | 3,000 – 5,450 mm                         |
| EN 15011 Hoisting class:  | HC2                                      |
| EN 15011 Stability class: | S2                                       |
| Hoist:                    | Chain hoist                              |
| Trolley travel:           | By hand / Electrical                     |
| Installation location:    | Indoor / Outdoor                         |



ALU

Max. capacity

1.5 t



Max. gantry span

4 m



# VP-AL

Mobile gantry crane – aluminium profile

## HIGHLIGHTS

- + Aluminium profile construction
- + Easy to move
- + Four swivel castors with parking brake
- + Foldable side frames
- + Height-adjustable

## TECHNICAL DATA

|                           |                            |
|---------------------------|----------------------------|
| Capacity:                 | 500 – 1,500 kg             |
| Gantry span:              | 3,000 – 4,000 mm           |
| Suspension height:        | 2,170 – 3,020 mm           |
| Total height:             | 2,550 – 3,400 mm           |
| EN 15011 Hoisting class:  | HC2                        |
| EN 15011 Stability class: | S1                         |
| Hoist:                    | Chain hoist / Pulley block |
| Trolley travel:           | By hand                    |
| Installation location:    | Indoor / Outdoor           |

|               |       | Gantry span [m] |   |
|---------------|-------|-----------------|---|
|               |       | 3               | 4 |
| Capacity [kg] | 500   | •               | • |
|               | 1,000 | •               | • |
|               | 1,500 | •               | • |
|               |       |                 |   |



Max. capacity

3.2 t



Max. gantry span

6 m



# VP-ST

Mobile gantry crane – steel profile

## HIGHLIGHTS

- + Robust steel construction
- + Easy to move
- + Four swivel castors with parking brake
- + Dimensions to customer specifications

## TECHNICAL DATA

|                           |                      |
|---------------------------|----------------------|
| Capacity:                 | 250 – 3,200 kg       |
| Gantry span:              | 3,000 – 6,000 mm     |
| Gantry clearance:         | 2,000 – 5,000 mm     |
| Total height:             | 2,250 – 5,200 mm     |
| EN 15011 Hoisting class:  | HC2                  |
| EN 15011 Stability class: | S2                   |
| Hoist:                    | Chain hoist          |
| Trolley travel:           | By hand / Electrical |
| Installation location:    | Indoor               |

|               |       | Gantry span [m] |   |   |   |
|---------------|-------|-----------------|---|---|---|
|               |       | 3               | 4 | 5 | 6 |
| Capacity [kg] | 250   | •               | • | • | • |
|               | 500   | •               | • | • | • |
|               | 800   | •               | • | • | • |
|               | 1,000 | •               | • | • | • |
|               | 1,600 | •               | • | • | • |
|               | 2,000 | •               | • | • | • |
|               | 2,500 | •               | • | • | • |
|               | 3,200 | •               | • | • | • |



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