

## Industrial Cranes



**50**

**Years Experience and Tradition  
in Crane Components  
Manufacturing**

# Podemcrane

Podemcrane is one of the world's leading suppliers of crane components, intended to crane manufacturers and end users. We have extended our services in the crane industry and have successfully created "Industrial Cranes" division operating in Bulgaria and the region. We deliver and mount high-quality industrial cranes and provide maintenance.

All products are in compliance with the European standards and regulations and bear the CE mark.

Our aim is to be recognized as a leading crane manufacturer and service provider in the region. We offer clients complete package of equipment and maintenance for the entire lifting industry. All our products and services comply with the international standards. We aim to be a company that bring value to your business.

## Services and Product Solutions

### Podemcrane Offers:

- Consultations
- Research, planning and construction of complete projects and individual solutions
- Installation (mounting) of high-quality industrial cranes
- Modernization of existing crane systems
- Service and Repair
- Products inspection and certification

### Advantages:

- Good return of investments
- Excellent technical characteristic
- Minimum maintenance expenses
- Superior security and reliability
- Space optimization

## Reserch and Development

Our experienced team of constructors ensures that our products comply with the international standards and bring value to your business. Our aim is to guarantee that your business will receive a reliable product at the best possible price. We offer engineering solutions to meet the individual needs of our clients.

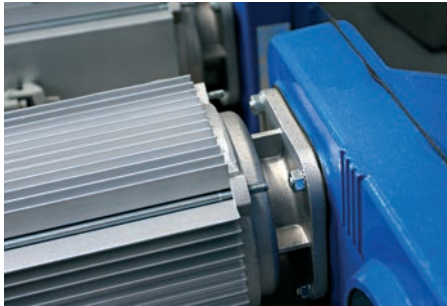
Product improvements and all new products are inspected in Podemcrane testing laboratory, which shortens the delivery time of the new product to the market. Constant investment in development leads to expanding products and services supply and simultaneously improves our clients' and our own productivity.

## Production

Our main production facilities are based in Gabrovo, situated on a territory of 30000 m<sup>2</sup>. We use modern technologies to manufacture our components. Quality of our products is insured by Integrated Management System ISO 9001:2008, OHSAS 18001:2007.

Podemcrane offers wide range of components for new cranes as well as for modernization of existing crane systems. We offer a complete set of equipment for standard and custom-built cranes. Components can be individually engineered to suit different requirements.

## Drives



**Motor-reducers**

## Power Supply

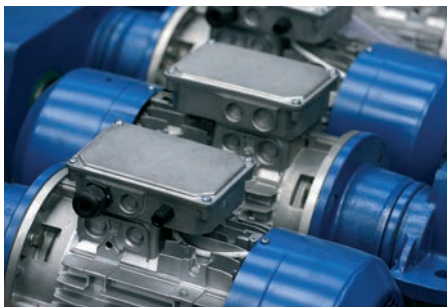


**Festoon Power Supply**

## Control



**Radio Control**



**Lifting and Travel Electric Motors**

There is a possibility to install frequency invertors/controls for lifting and traveling in special lifting systems.



**Enclosed Conductor Power System**

Safe and reliable power supply is used for all new cranes. It is recommended in all cases of modernization of existing systems.



**Cabin**

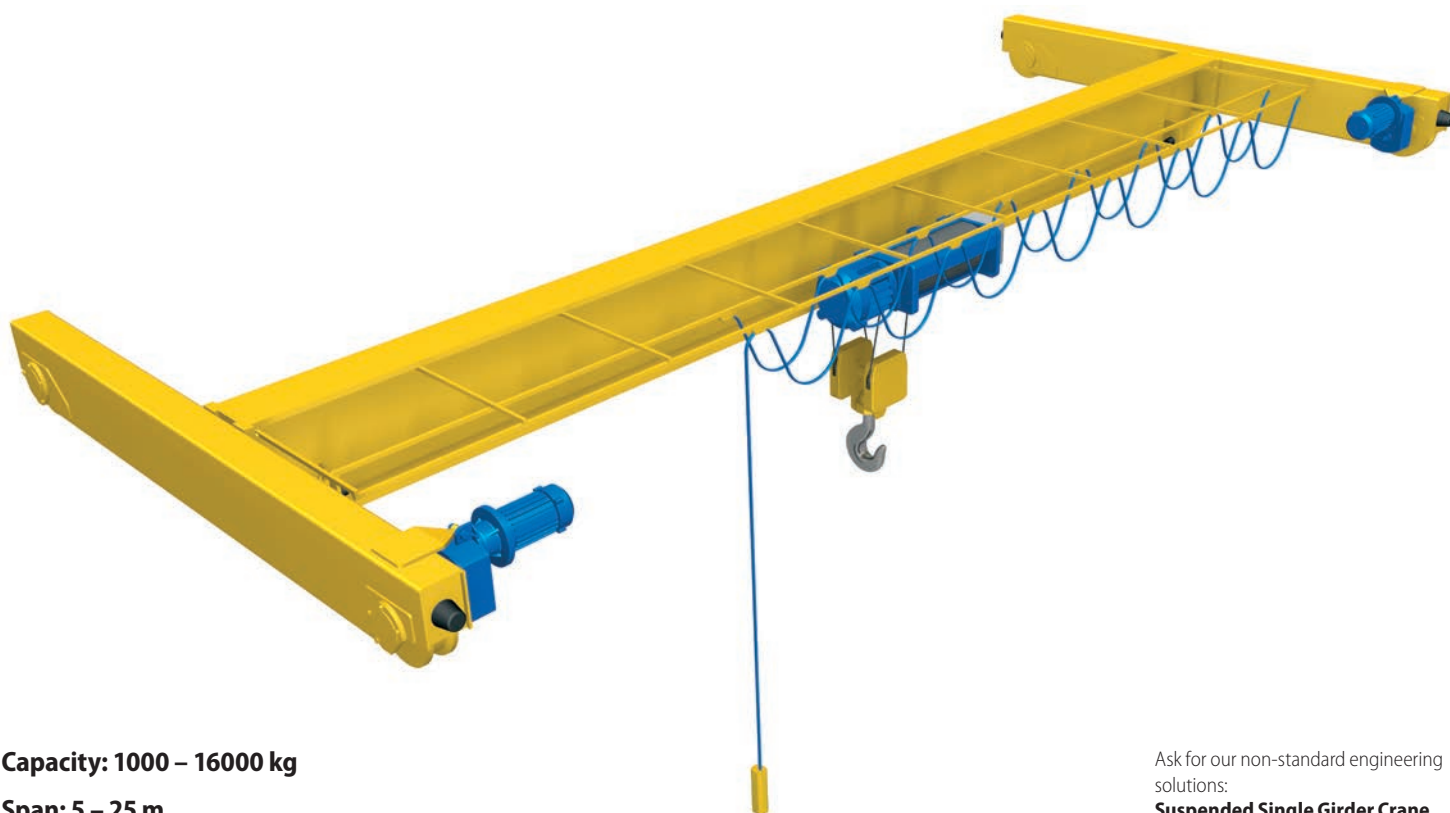
Using radio control for cranes decreases risk of accidents and increases productivity. Air-conditioned cabins improve working conditions and enhance safety.

# Industrial Cranes

## Single Girder Crane

Podemcrane industrial cranes follow latest innovations in the field of crane building. Developments are based on engineering experience in mechanical and electrical design.

**Single Girder Cranes** have compact construction and allow maximum utilization of room height.



**Capacity: 1000 – 16000 kg**

**Span: 5 – 25 m**

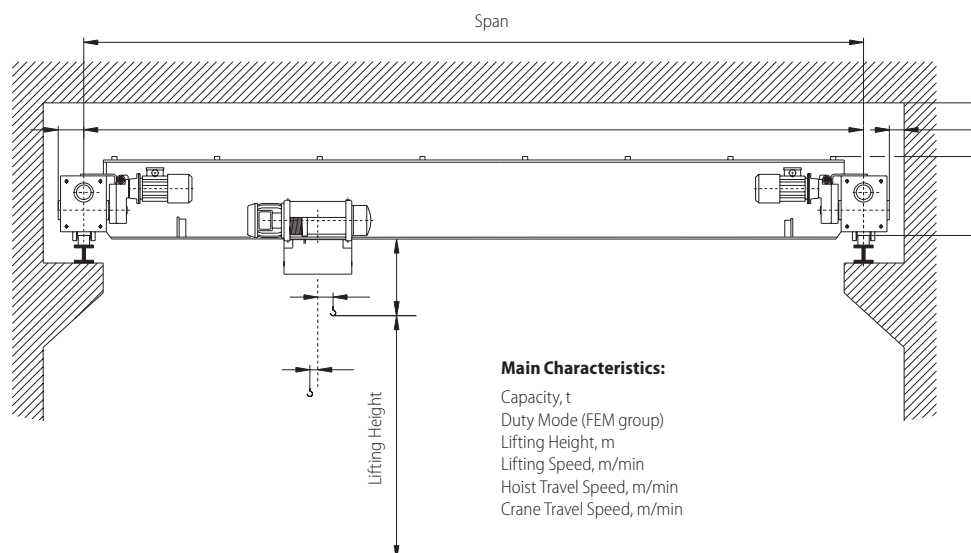
**Hoist with Monorail Trolley**

- with Low Headroom
- with Normal Headroom

Ask for our non-standard engineering solutions:

**Suspended Single Girder Crane**

– Effective solution for narrow spaces, building constructions with special requirements and for better space utilization.



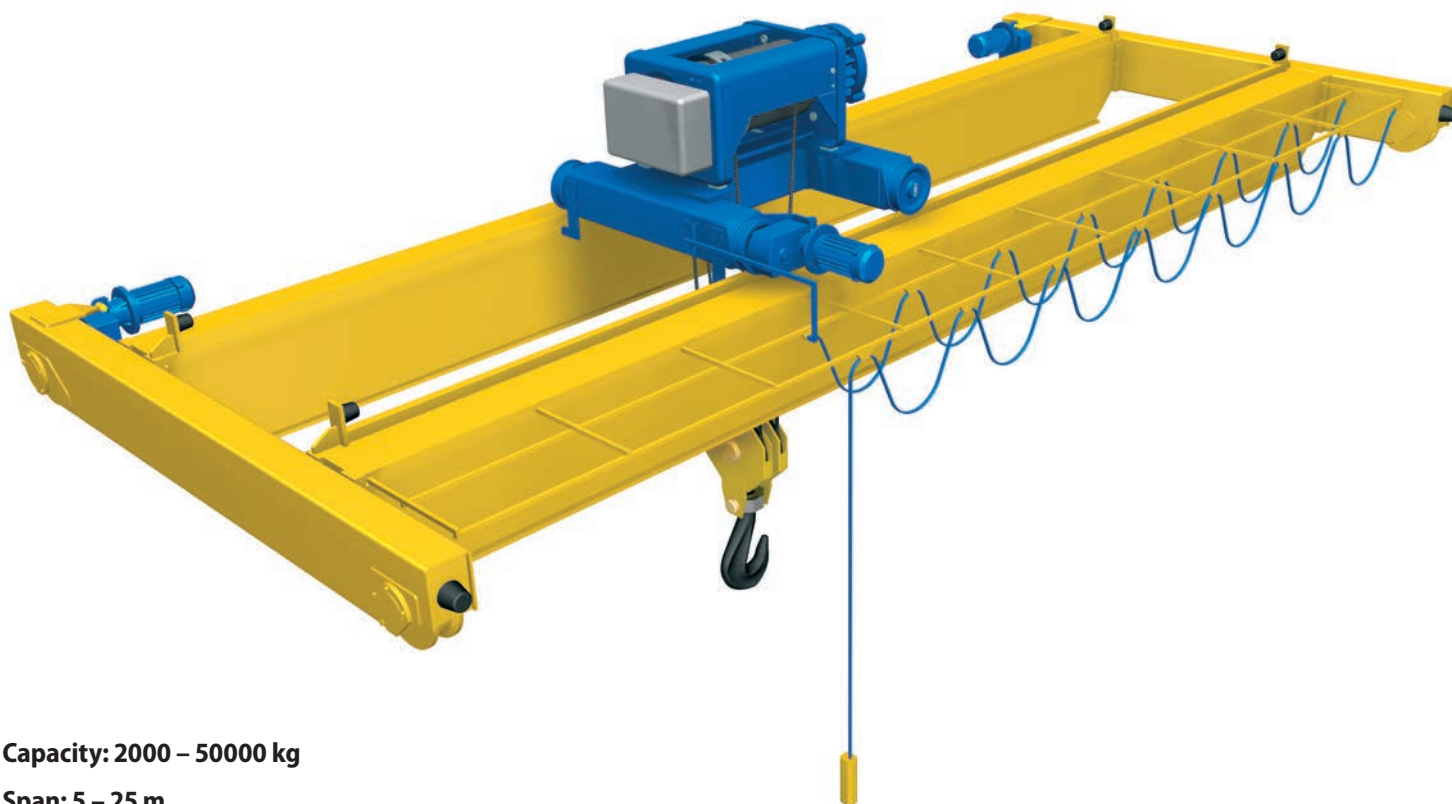


# Industrial Cranes

## Double Girder Crane

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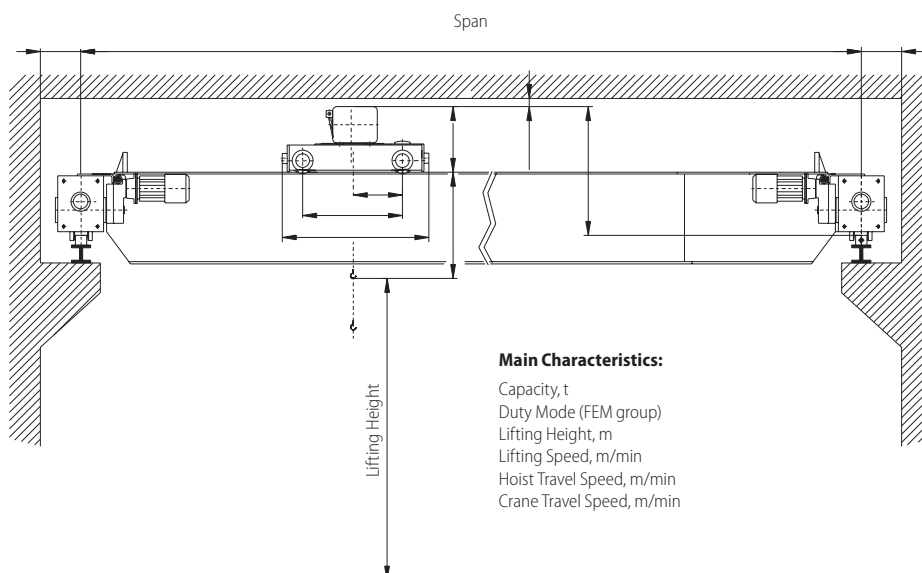
**Double Girder Cranes** are applied when greater capacity is required and also for all heavy duty applications. In equal conditions double girder cranes offer greater lifting heights.



**Capacity: 2000 – 50000 kg**

**Span: 5 – 25 m**

**Hoist with Double Rail Trolley**

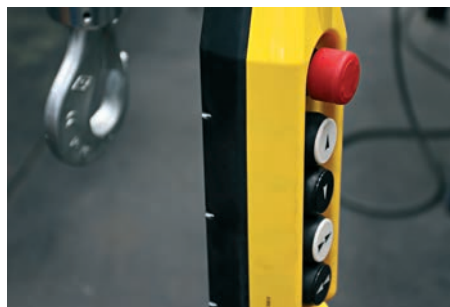


### Main Characteristics:

Capacity, t  
Duty Mode (FEM group)  
Lifting Height, m  
Lifting Speed, m/min  
Hoist Travel Speed, m/min  
Crane Travel Speed, m/min

Podemcrane offers solutions for modernization of existing crane systems, which improve reliability and productivity of your equipment. Modernization is of great importance to control your operational and maintenance costs and safety.

## Modernization Improves:



### Safety

- Applies latest safety requirements for operation with your crane
- Improves operator's flexibility in relation to positioning against the load
- Uses components complying with the regulations of local and international standards

### Profit

- Maximizes your productivity through complete and reliable modernization solutions
- Saving materials by using components of the existing construction
- Reduces maintenance expenses and achieves thorough usage of production time
- Decrease of energy expenses

### Capacity

- Travel and lifting speeds enhancement
- Repair over time decrease
- Efficiency improvement by using advanced positioning systems and overall crane control
- Considerable increase of equipment life

### Service

- Professional planning and efficient implementation of modernization projects
- Offers effective local service network
- Improves productivity and minimizes repair time
- Provides opportunity for customers to use repair and maintenance as separate services

Podemcrane provides full maintenance of all types of cranes, produced by different manufacturers. Solutions for overall crane systems are developed in order to improve productivity and efficiency of our clients.

## Our Service Department Provides:



### Open Line

Our technicians are ready to service clients 7 days per week.

### Technical Inspections

Cranes reliability can be significantly improved through structured programs for technical inspections. Our service department can detect and prevent different potential risks.

### Technical Service Programs

- Periodical technical inspections
- Compliance and safety examinations
- Certification



### Repair and Improvement

Notwithstanding whether you need an urgent repair, scheduled one or modernization, we will intervene and bring your system back to work as rapidly as possible.

### Spare Parts

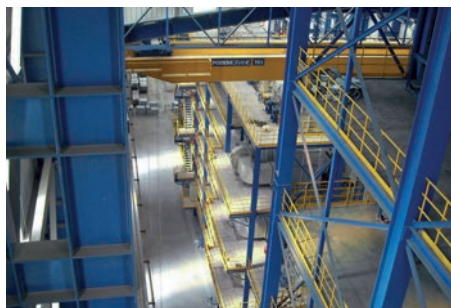
You can use Podemcrane Service by ordering spare parts along with installation.

We offer comprehensive warranty for each spare part, mounted by our technicians.



## Industrial Cranes

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