SLEWING JIB CRANES
Ivan Muri, CEO  As a Swiss manufacturer with fully automated production, we are loyal to the location Switzerland. The high functionality, long life and robustness of our products help our customers to avoid operational interruptions which can cause high follow-on costs. With our own development and design department, we ensure long-term innovation power. Suppliers from Switzerland and its neighbour countries guarantee the reliability and quality we demand.

Erich Widmer, Sales and Marketing Manager  From project planning to installation, we support our customers with advice and assistance. As a system supplier of complete crane systems, we can respond to specific customer demands. Our customers particularly value the variety of accessories and options. Our high product quality and readiness to deliver make us a reliable and competent partner worldwide.
GIS pillar- and wall-mounted slewing jib cranes offer a simple and functional solution for ergonomic goods handling. Depending on the desired load capacity, the jib working radius and the running properties, aluminium or steel profiles are used. In combination with a GIS electric chain hoist and a trolley (manual or electric), a GIS vacuum-handling system or another load-handling device, you get a complete crane system from one source – directly from the Swiss manufacturer.

GIS slewing jib cranes – customised and flexible
PILLAR-MOUNTED SLEWING JIB CRANES

In cooperation with our customers, we develop individual solutions for a functional workplace design. GIS slewing jib cranes are designed as customer-specific or standard products. The installation is carried out according to our customer’s requirements: on the floor, on the ceiling or on a concrete base for mobile operation. Our pillar-mounted slewing jib cranes are sturdy, easy to install and designed in accordance with the latest EU Machinery Directive DIN15018.

GISKB steel hollow profile
Lifting capacity up to 1000 kg
Higher lifting capacities on request
Steel jib profile GISKB
Treads inside the profile protected from dirt
Trolley with smoothly running plastic rollers
Slewing range up to 270°
Jib length up to 6 m, longer jibs on request
Option: equipped with an electric tug
Option: equipped with a telescope

YOUR BENEFITS

GIS pillar-mounted slewing jib cranes have a slewing range up to 270° or even 330° in case of articulated jib cranes. For smaller loads up to 500 kg, an overhead or slewing jib crane made of aluminium profiles is suitable due to its smooth running. For higher lifting capacities we recommend a more cost-efficient solution with hollow profiles or IPE beams made of steel.
GISKB aluminium hollow profile
Lifting capacity up to 500 kg
Higher lifting capacities on request
Aluminium jib profile GISKB Alu
Treads inside the profile protected from dirt
Perfect smooth running during turning and longitudinal travel
Slewing range up to 270°
Jib length up to 6 m, longer jibs on request

GSD-TR steel pipe profile
Lifting capacity up to 250 kg
Higher lifting capacities on request
Articulated jib crane with max. slewing range
Suitable for eccentric load suspension with GIS handy telescope
Slewing range up to 270° (inside), or up to 330° (outside)
Jib length up to 2.6 m, longer jibs on request
Option: equipped with a brake at the inner and outer joint

IPE steel beam
Lifting capacity up to 5000 kg
Higher lifting capacities on request
Steel jib beam IPE
Slewing range up to 360°
Jib length up to 12 m, longer jibs on request
Option: equipped with a telescope
Option: equipped with trolley and slewing system electric
Option: equipped with radio control
Option: equipped with weather-protection package
WALL-MOUNTED SLEWING JIB CRANES

GIS wall-mounted slewing jib cranes are a cost-efficient alternative to pillar-mounted slewing jib cranes or complete crane systems. The key benefit of wall-mounted slewing jib cranes is that they do not require any floor space, since they are mounted to stable concrete walls or existing pillars. Our wall-mounted slewing jib cranes are sturdy, easy to install and designed in accordance with the latest EU Machinery Directive DIN15018.

YOUR BENEFITS

GIS wall-mounted slewing jib cranes have a slewing range up to 180° or even 330° in case of articulated jib cranes. For smaller loads up to 500 kg, an overhead or slewing jib crane made of aluminium profiles is suitable due to its smooth running. For higher capacities we recommend a more cost-efficient solution with hollow profiles or IPE beams made of steel.

GISKB steel hollow profile

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Lifting capacity up to</td>
<td>1000 kg</td>
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<td>Higher lifting capacities on request</td>
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<tr>
<td>Steel jib profile GISKB</td>
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<td>Treads inside the profile protected from dirt</td>
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<tr>
<td>Trolley with smoothly running plastic rollers</td>
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<td>Slewing range up to 180°</td>
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<tr>
<td>Jib length up to 6 m, longer jibs on request</td>
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<tr>
<td>Option: equipped with pillar clasp</td>
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<td>Option: equipped with an electric tug</td>
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<tr>
<td>Option: equipped with a telescope</td>
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**GISKB aluminium hollow profile**  
Lifting capacity up to 500 kg

- Higher lifting capacities on request  
- Aluminium jib profile GISKB Alu  
- Treads inside the profile protected from dirt  
- Perfect smooth running during turning and longitudinal travel  
- Slewing range up to 180°  
- Jib length up to 6 m, longer jibs on request

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**GWD-TR steel pipe profile**  
Lifting capacity up to 250 kg

- Higher lifting capacities on request  
- Articulated jib crane with max. slewing range  
- Suitable for eccentric load suspension with GIS handy telescope  
- Slewing range up to 180° (inside), or up to 330° (outside)  
- Jib length up to 2.6 m, longer jibs on request  
- Option: equipped with a brake at the inner and outer joint

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**IPE steel beam**  
Lifting capacity up to 5000 kg

- Higher lifting capacities on request  
- Steel jib beam IPE  
- Overhead jib  
- Slewing range up to 180°  
- Jib length up to 12 m, longer jibs on request  
- Option: equipped with a telescope  
- Option: equipped with trolley and slewing system electric  
- Option: equipped with radio control  
- Option: equipped with weather-protection package
We are a specialist for customer-specific system solutions and we are building on decades of experience of crane construction and ergonomic goods handling. Slewing jib cranes with special jib lengths, for mobile operation or for outdoor use are daily business for design engineers at GIS. Whether in the automotive industry, the food industry or in a hazardous environment, we find the perfect solution for the requirements in your field of application.

**USE**

**Mobile slewing jib crane**
Lifting capacity up to 250 kg

- Higher lifting capacities on request
- Easy to transport
- Use at different locations
- Pillar of slewing jib crane with a concrete base
- No anchorage on the floor
- Slew range up to 270°
- Jib length on request
- Jib made of GISK steel or aluminium hollow profile or IPE steel beam

**SFS INTEC AG**
Marco Heule, Heerbrugg, Switzerland
Team leader Mechanics Service MES

The mobile slewing jib crane allows us to handle loads at different locations. We appreciate this mobility in case of temporary workplaces or workplaces to be set up, but also in case of machine reconstructions and repairs. GIS offered us a solution tailored to our needs that we are very satisfied with.
### Food industry
**Corrosion-resistant design**
- Aluminium profile, steel profile hot-dip galvanised or with finishing coat
- Electric chain hoist and trolley corrosion resistant version
- Special food-safe grease
- Use in bakeries, dairies or other businesses in the food-processing industry
- Option: available with protection class IP65

### Outdoor use
**Weatherproof version**
- Aluminium profile, steel profile hot-dip galvanised or with finishing coat
- Electric chain hoist protection class IP65
- Trolley protection class IP65
- Option: available with object-specific covers
- Option: available with special coating
- Option: equipped with radio control

### ATEX use
**Explosion-proof version**
- Electric chain hoist and trolley in ATEX version with compressed-air and temperature monitoring
- Equipment group II, equipment category 3, zone 22, substance group D
- Option: equipped with radio control
The GIS slewing jib crane product range is very diverse, and so are the mounting options. Existing walls, pillars or concrete floors are taken into account during the project planning of the slewing jib crane with regard to the subsequent installation. Bearing in mind the load capacity and the jib length, the appropriate mounting points are determined.

Our goal: The perfect goods handling at the workplace.

**INSTALLATION**

Composite technology
The anchoring or dowelling technique is perfectly suitable for resilient concrete floors, walls or ceilings.

Clasp
Ideal approach to the solution in case of concrete or steel pillars: frontally or around corners.

Counter plate
Distributes the force transmission in "sandwich"-load shared on a larger surface.

[Images of anchoring technique, classic clasp, and counter plate]
Standard version

- Lifting capacity range 80 – 1000 kg
- Standard paint primed RAL 7035
- Slewing jib crane and lifting gear for indoor operation
- GIS electric chain hoist as lifting device
- Manual or electric trolley
- Power supply through trailing cable
- Limit stop for trolley
- Pillar height up to 4.2 m
- Jib lengths up to 6 m
- Wall or floor mounting

Accessories and options

- Lifting capacities exceeding 1000 kg
- Radio control or roving pendent
- Special paints or galvanised version
- Slewing jib crane and hoisting equipment for outdoor operation
- ATEX version for potentially explosive environment
- Special jib lengths
- Special pillar heights
- Mounting on existing pillar or ceiling
- Pillar-mounted slewing jib crane 360° powered electrically
- Slewing jib cranes with telescopic jib
- Swivel limitations
- GIS manual chain hoist as lifting device
- Frequency-controlled drives

Power supply

Trailing cable

- Standard version
  - Cable trolley inside profile
  - For contaminated or humid environment
  - Cost-efficient solution
  - Suitable for outdoor use
  - Option: equipped with compressed-air supply

C-rail

- With trailing cable
  - For contaminated or humid environment
  - Using the entire travel range
  - Suitable for outdoor use
  - Option: equipped with compressed-air supply

Conductor line

- External
  - Space-saving (no hanging cables)
  - Ideal approach dimensions
  - Aesthetic solution
  - Option: available with internal conductor line
Crane systems
GISKB steel crane construction kit for line-bound or all-round goods handling. GISKB aluminium crane system, slewing pillar and wall cranes for smooth handling of transport goods. Travelling cranes and slewing cranes made of steel profiles for heavier loads.

Hoisting equipment
Over 50 years experience in the manufacture of electric chain hoists: robust, durable, reliable and highly resistant to wear. Simple maintenance. Various special versions for every application area. Wide range of accessories and options.

Vacuum handling systems
GIS vacuum handling systems for the ergonomic and gentle handling of goods made of different materials like wood, glass, stone, metal or plastic. In combination with the appropriate crane system.

GIS AG – the specialist for crane systems
Founding of the GIS AG in 1957
With own subsidiary in Germany since 1966
Development and production of electric chain hoists in Switzerland for over 50 years
Swiss manufacturer of complete crane systems inc. hoisting equipment and vacuum lifters
Certified to ISO 9001 since 1994
Complete market services from project planning to installation, start-up and maintenance
International sales network with over 50 qualified partners worldwide

Swiss Lifting Solutions
Certified to ISO 9001