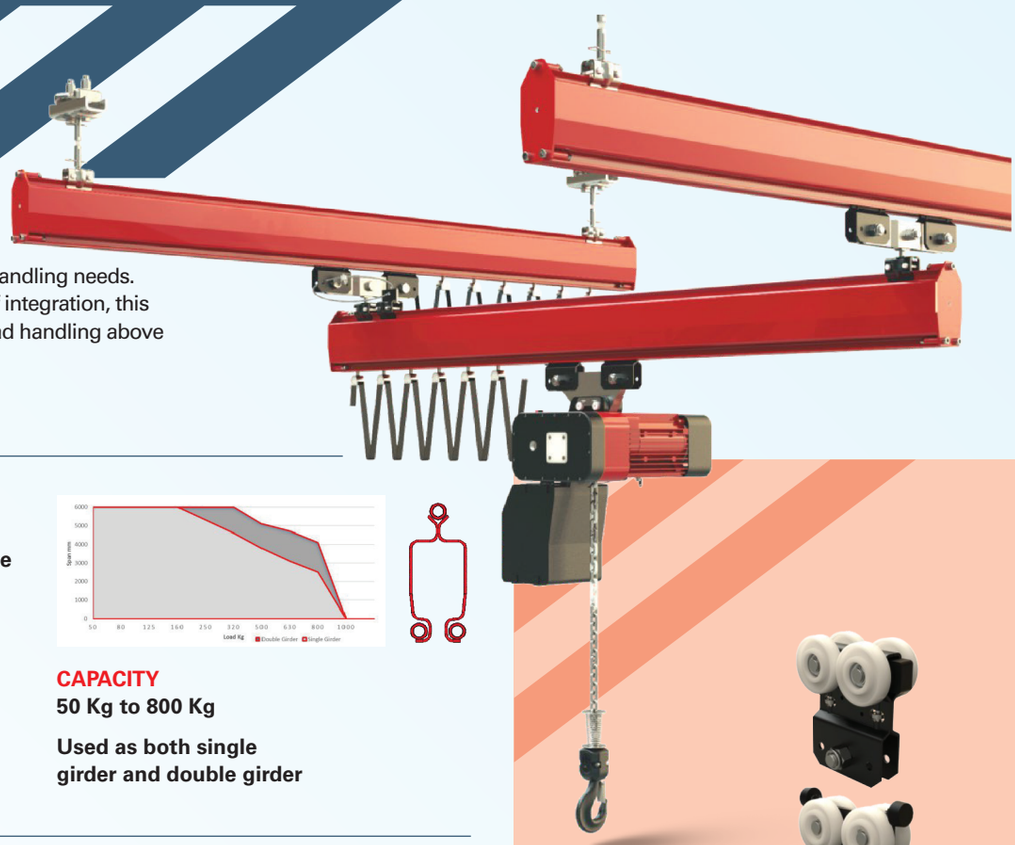
Flexible, Efficient
& Ergonomic Load Handling

LIGHT CRANE SYSTEM

STEEL / ALUMINIUM PROFILE
& ACCESSORIES

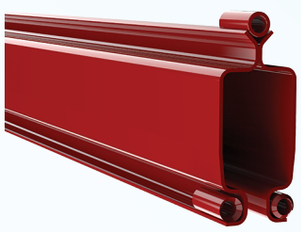
CARL STAHL Craftsman



The Light Crane System, available in both steel and aluminium profiles, is designed to simplify and streamline your material handling needs. Offering exceptional flexibility and ease of integration, this system enables quick, precise and safe load handling above work and production areas.

PROFILES

CSP 1

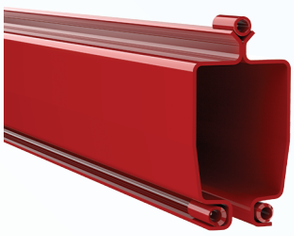


EFFECTIVE RANGE
For short spans & suspensions distance

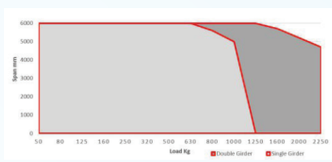
CAPACITY
50 Kg to 800 Kg

Used as both single girder and double girder

CSP 2



EFFECTIVE RANGE
For Normal Spans & Suspensions distance



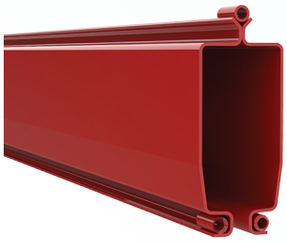


CAPACITY
125 Kg to 2000 Kg

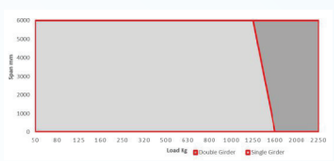
Used as both single girder and double girder

Internal Bus Bar can be provided

CSP 3



EFFECTIVE RANGE
For Normal Spans & Suspensions distance

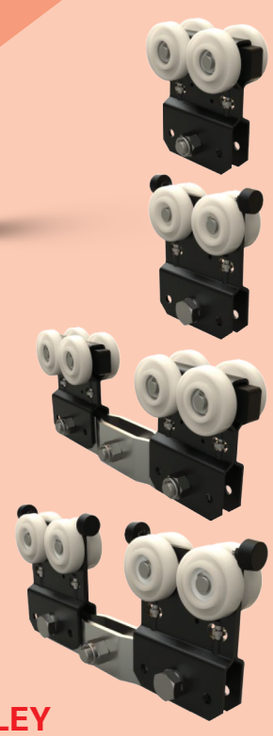




CAPACITY
125 Kg to 2000 Kg

Used as both single girder and double girder

Internal Bus Bar can be provided



TROLLEY

- Fitted with bearing-mounted plastic wheels, push travel trolleys are easy to move
- The rollers are maintenance-free and designed for a long service life
- They effectively absorb all impacts and are silent running

LIGHT CRANE SYSTEM

CARL STAHL Craftsman

SUSPENSIONS



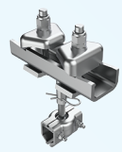
CT SUSPENSION

- Link suspension is used for mounting CT Rail to the trolleys of LT Rail
- For connecting CT Profile with CT Rail Trolley
- Easy Assembly & Replacement of the System



HANGER SUSPENSION

- The profile sections are suspended so as to prevent bending stresses in the support superstructure and minimizes horizontal forces
- **Length Adjustment**
  330 to 395 mm
- **Width Adjustment**
  75 to 140 mm



LOW HEADROOM HANGER SUSPENSION

- Mainly used for super structures with low headroom
- **Length Adjustment**
  250 to 289 mm
- **Width Adjustment**
  75 to 140 mm

TYPES OF JIB CRANE

WALL-MOUNTED LCS JIB CRANE

Mounted directly to a wall or building column

- **Rotation**
  Usually 180° or 200°
- **Best for**
  Workstations where floor space is limited
- **Limitation**
  Requires a strong supporting wall or structure

FLOOR-MOUNTED (FREE-STANDING) JIB CRANE

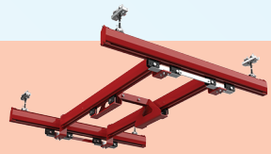
Mounted on a concrete foundation with its own column

- **Rotation**
  Up to 360°
- **Best for**
  Versatile and heavy-duty lifting in open workspaces
- **Limitation**
  Requires floor space and proper anchoring

ARTICULATING JIB CRANE

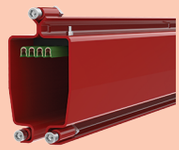
Mounted directly to a wall or building column

- **Rotation**
  Inner arm (200°), Outer arm (360°)
- **Best for**
  Maneuvering around obstructions or into tight spaces



LOW HEADROOM SYSTEMS

- Used where height is very limited. Minimum approach dimensions required
- The crane girders are arranged at the same height between the crane runways almost to the level of the bottom surface of the track profiles



INTERNAL BUS BAR SYSTEM

- As an alternate to flat cables, Internal Busbar System can be supplied with current collectors to eliminate difficulty in providing power supply for LCS with more than 2 cross travels



HOIST SADDLE

- Hoist saddle is used for connecting chain hoist in double girder
- **Load Capacity**
  Upto 2000 Kg

CARL STAHL CRAFTSMAN ENTERPRISES PRIVATE LIMITED.

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