

Flexible, Efficient
& Ergonomic Load Handling

LIGHT CRANE SYSTEM

STEEL / ALUMINIUM PROFILE
& ACCESSORIES

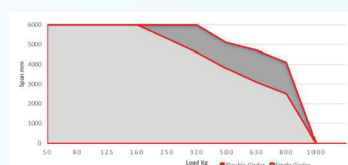
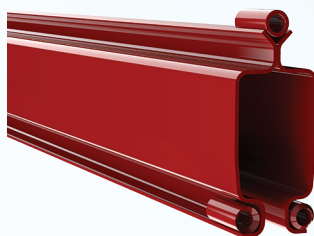
CARL STAHL
Craftsman

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



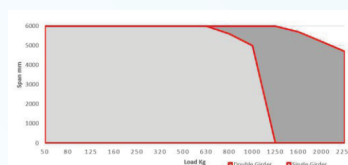
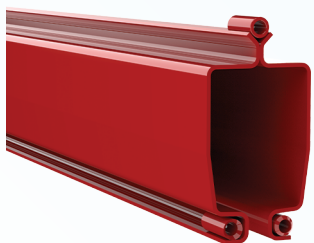
CAPACITY
50 Kg to 800 Kg

Used as both single
girder and double girder



CSP 2

EFFECTIVE RANGE
For Normal Spans &
Suspensions distance



CAPACITY
125 Kg to 2000 Kg

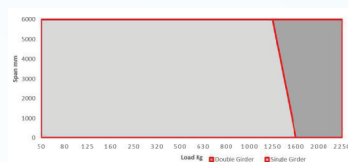
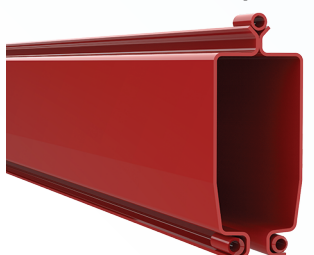
Used as both single girder
and double girder

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

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LIGHT CRANE SYSTEM



SUSPENSIONS



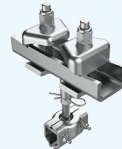
CT SUSPENSION

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



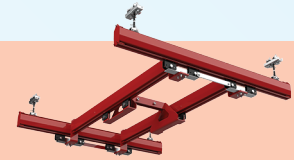
HANGER SUSPENSION

- ▲ 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



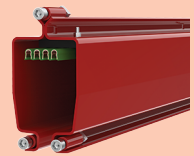
LOW HEADROOM HANGER SUSPENSION

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



LOW HEADROOM SYSTEMS

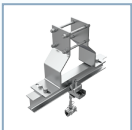
- ▲ Used where height is very limited. Minimum approach dimensions required
- ▲ The crane girders are arranged at the same height between the crane runways almost to the level of the bottom surface of the track profiles



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

TYPES OF SUSPENSIONS



ROOF CONCRETE

Roof Concrete Suspension can be used for mounting track profile to building concrete beam



EXTENSION GIRDER

To mount track profiles on high ceilings above 0.5 m. The angle of the extension is adjustable between 35° and 50°



TUBULAR

To mount track profiles to tubular girder



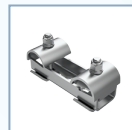
C-TYPE GIRDER

To mount track profiles to I-Girder



SIDE MOUNTING

To mount track profiles to beams



L-TYPE GIRDER

To mount track profiles to I-Girder



HOIST SADDLE

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

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