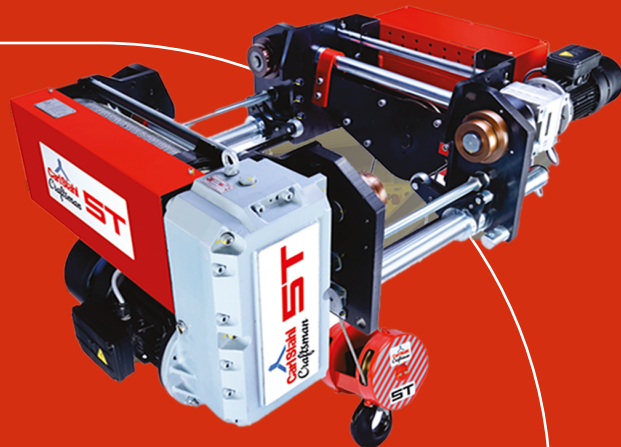
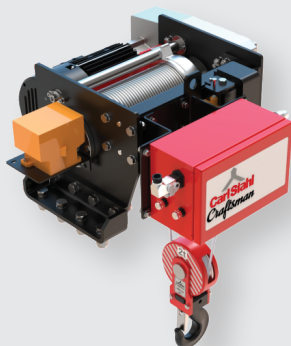


ELECTRIC WIRE ROPE HOIST

CAPACITY RANGE
UPTO 120 TONS



FIXED HOIST



TYPE
STATIONARY

MODEL
CRU-F

CAPACITY
0.5 - 1.6 ton

DOUBLE GIRDER CRAB

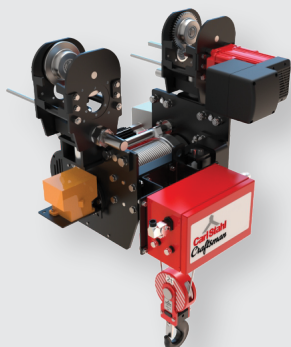


TYPE
LOW HEADROOM HOIST

MODEL
CLHD-R(SERIES)

CAPACITY
5 - 50 ton

UNDERSLUNG HOIST

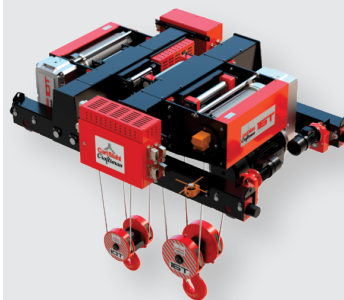


TYPE
ARTICULATED &
STRAIGHT TROLLEY

MODEL
CRU-R & CRU-S

CAPACITY
0.5 - 1.6 ton

DOUBLE GIRDER DOUBLE CRAB



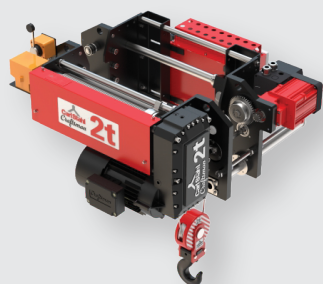
TYPE
LOW HEADROOM
HOIST

MODEL
CLHD

CAPACITY

10/ 5 ton	20/5 ton
16/7.5 ton	20/10 ton
16/10 ton	30/15 ton

SINGLE GIRDER MONORAIL

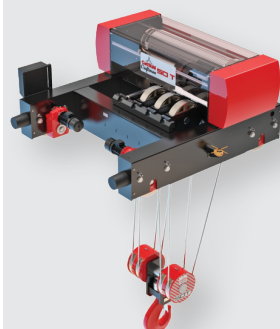


TYPE
LOW HEADROOM HOIST

MODEL
CLH-R(SERIES)

CAPACITY
Upto 15 ton

DOUBLE GIRDER CRAB

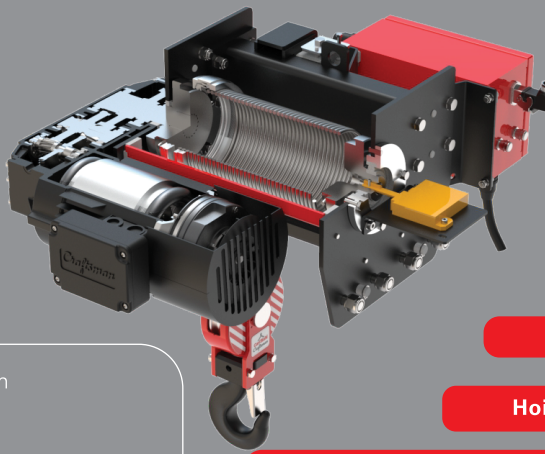


TYPE
HEAVY DUTY HOIST

MODEL
CLHD

CAPACITY
60 -120 ton

ELECTRIC WIRE ROPE HOIST TECHNOLOGY



FEATURES

Low Head Room Hoists

High Tensile Imported Wire Rope

Hoisting Speeds Through Drives Only

Inbuilt IoT for Efficient Maintenance to Enhance Productivity

Design: Compact and effective hook approach

No Counter Weights: Optimized weight balance

Working Group: Standard with M5 duty

Lifting Speed: Only through drives

Flange Width: Smoothly adjustable

SAFETY FEATURES

- Rope safety as recommended by FEM Directive
- Double Limit switch for up and down lifting
- Over load limit either (mechanical/electrical)
- Motor overheat protection



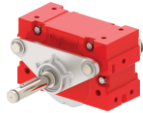
Hoistron

- Hoist Operating Statistics - Cycles / Overloads / Fault Code etc
- Plan for Maintenance schedule with Mail Notification
- eSim Based Product with High Accuracy of data detection



VARIABLE FREQUENCY DRIVE

- Precise positioning of the loads.
- Minimize the load sway ensuring safe operations.
- Flexibility in variable speeds and acceleration matching to the application.



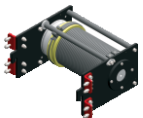
WHEEL BLOCK & WHEEL

- Single flanged wheels for monorail hoist and double flange for crab hoist.
- Mechanical wheels made of spheroidal cast material SG- 700/2.
- Ball/Spherical roller/Taper roller bearings are used for high life.



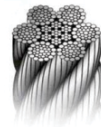
GEARBOX AND MOTOR

- In-house precision machined aluminum cast body for reduced weight.
- Gears permanently immersed in oil for quick, smooth and cool operation.
- Heavy duty motor incorporated with a brake and cooling fan.
- Provided with a F class rated insulation and IP54 enclosure.
- Thermistors fitted on windings of motor for protection against high temperature.
- IE 3 Motors with IP 55 enclosure and F Class Insulation



ROPE DRUM AND GUIDE

- Seamless rope drum with precisely mechanical rope grooves.
- Rope guide rollers to guide the rope.
- Heavy duty rope guide ensure positive rope scrolling.
- Special spring inside rope guide ensures correct rope tightness.



ROPE

- High strength wire rope provides high resistance to fatigue and wear.
- Compact strand structure and highly flexible steel core rope for prolonged life.
- Selected according to ISO 4308-1.
- Tensile strength at 2160 N/m .



HOOK BLOCK

- Ergonomically designed according to DIN 15400.
- Handles are provided for easy handling.
- Hook is provided with safety latch as standard



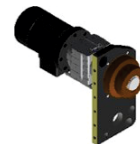
THRUST ROCKER

- Used to reduce the self weight of hoist.
- Used to avoid the weight balance plates.
- Pressed against the bottom flange to balance the self weight of hoist.



ROTARY LIMIT SWITCH EQUIPMENT

- Switch off hoist at limit positions.
- Emergency cut-off in the upper and lower positions.
- Cut-off position can be adjusted to suit the application.
- Provides upper / Lower motion limit switch as standard option



CROSS TRAVEL-MONORAIL

- Totally mechanical CT-Wheels made of spheroidal cast material SG 700/2
- Travel machinery specially designed for hoisting application.
- Directly drives the travel wheels.
- Heavy duty motor incorporated with a brake and cooling fan.
- Thermistors fitted on windings of motor for protection against high temperature.

OPTIONAL ACCESSORIES

ROPE DRUM BRAKE (ONLY FOR SELECTED MODELS)



- MECHANICAL DRUM BRAKE FOR ADDITIONAL SAFETY AGAINST DRIVE FAILURES.
- EASE OF ACCESS AND COMES WITH COVERS KEEPING IT DUST FREE
- FACTORY TESTED AND INSTALLED BRAKE MECHANISM

RADIO REMOTE CONTROLLER



- THE WIRELESS RADIO REMOTE CONTROL PENDANTS ARE USED IN AREAS WHERE THE OPERATOR CANNOT MOVE ALONG WITH THE CRANE.
- THE RADIO REMOTE PENDANTS ARE AS PER IP 65 CLASS OF PROTECTION.

ROPE TENSION LOADCELL



- ROPE TENSION LOAD CELL ARE USED TO MEASURE LOAD FORCE AND PROVIDE OVERLOAD PROTECTION.
- PROTECTION CLASS IP 66.
- THE LOAD CELL IS CONVENIENTLY CLAMPED ON THE LIVE ROPE IN EXISTING CONDITION.

CARL STAHL CRAFTSMAN ENTERPRISES PRIVATE LIMITED. ✉ sales@carlstahlcraftsman.com

134/4, Sangothipalayam Road Arasur,
Coimbatore-641 407,
Tamil Nadu, India

☎ **Sales contact no:**
+91 63844 04095



www.carlstahlcraftsman.com

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