



Plot No - 3381, P.O. Box - 43841, Al Sajaa Industrial Area, Sharjah - U.A.E. Email: silverline.dubai@gmail.com



AN ISO 9001-2015 CERTIFIED



Dun & Bradstreet



ISO 9001:2015 Certified



Crane Kit

Model E short trolley

- Unique capacity range up to 25 t
- ABM Greiffenberger hoist motors
- Nord trolley traction motors
- Sturdy, fully welded trolley frame
- quick release connectors
- Electromagnetic safety brake
- Wear-resistant steel rope guide

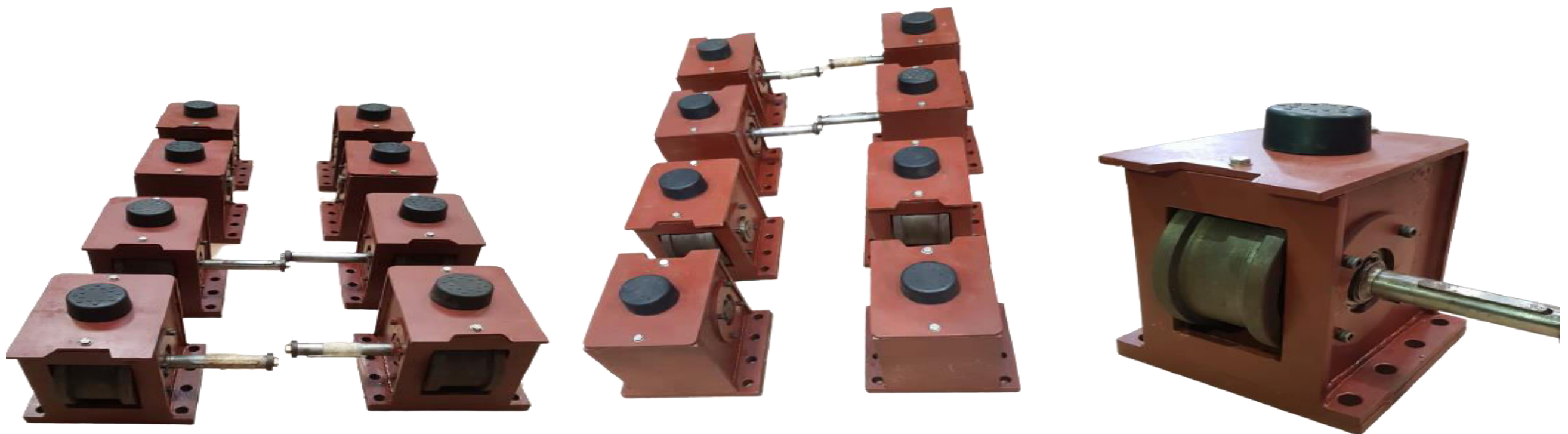
TRANSFER TROLLEY



END CARRIAGE – EOT CRANE

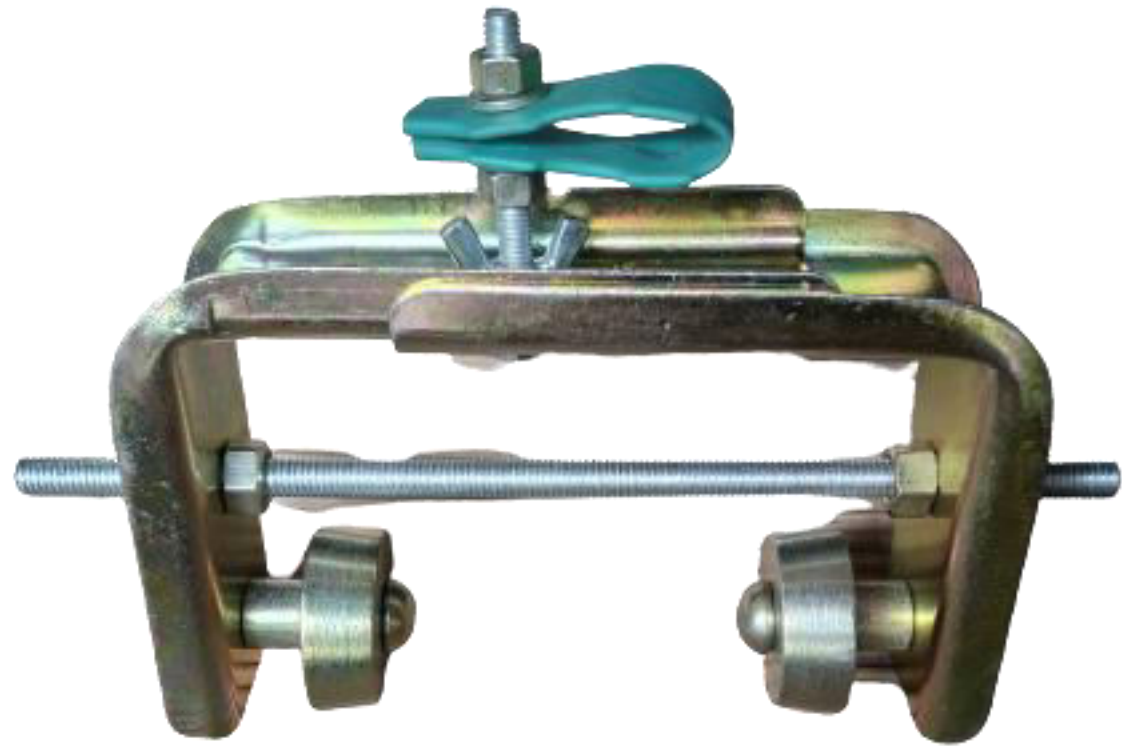


WHEEL BLOCK WITH SHAFT



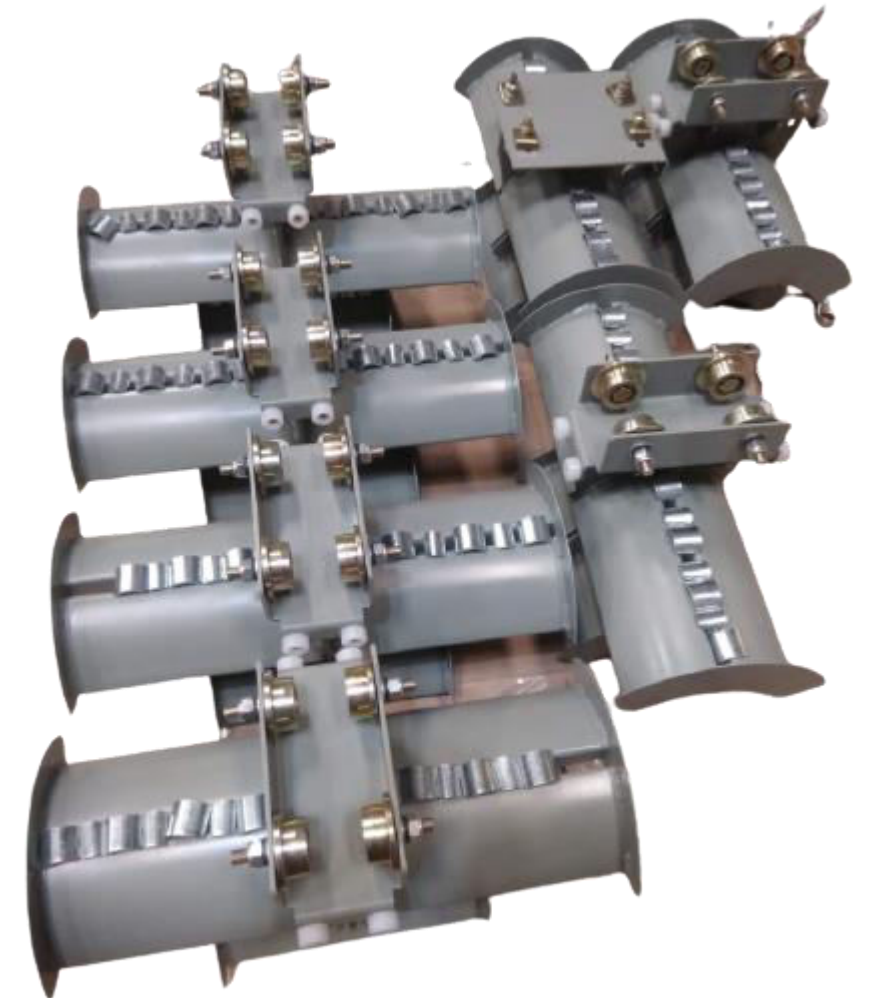
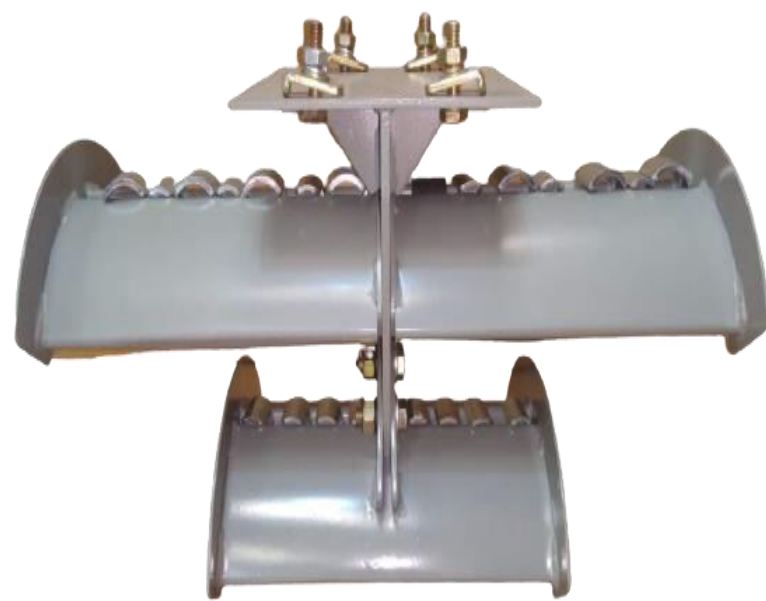
ADJUSTABLE I BEAM TROLLEY

(100 mm – 160 mm)



I BEAM TROLLEY

(DOUBLE DECKER)



SLIDING DOOR-CUSTOM DESIGN



ROTATING DOOR – HEAVY DUTY





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Chain Hoist

with Motorised I Beam Trolley

- * Fool Proof Electrical Connections
- * Precise Safety Clutch
- * Overload Safety
- * Electrical Shock Proof
- * Easily Adjustable
- * Maximum Wear Resistance

FOR MORE DETAILS

CONTACT :

EMAIL ID : silverline.dubai@gmail.com

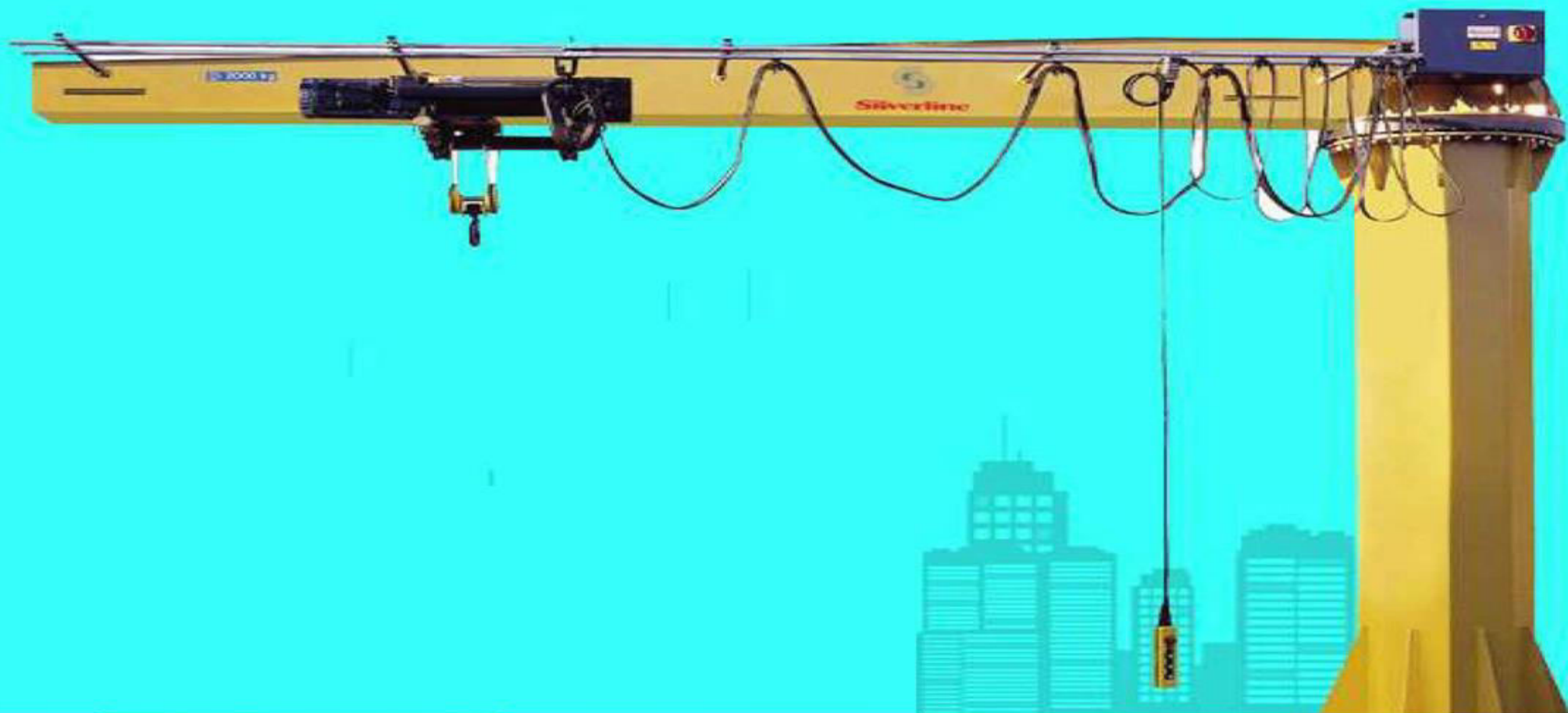
www.silverlineintl.com | www.silverlinecranes.com



JIB CRANE

FEATURES :

- » Can be installed on self standing structure
- » Needs minimum head room
- » Smooth silent and easy travelling trolley needs no effort to move the load
- » Minimum power required as long and cross travels are manually moved
- » No complicated control panel boards
- » Easy modification and expandable.
- » Low cost design best suitable alternate for conventional high cost or high maintenance crane.
- » High Strength Profile Does Not Require Heavy Building Structure





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LIGHT CRANE

Advantages of Light Cranes:

- High Strength Profile Does Not Require Heavy Building Structure
- Can Be Installed On Self Standing Structure
- Needs Minimum Head Room
- Smooth Silent And Easy Travelling Trolley Needs No Effort To Move The Load
- Minimum Power Required As Long And Cross Travels Are Manually Moved
- No Complicated Control Panel Boards
- Easy Modification And Expandable
- Adoptable To Hoist Or Chain Block Of Any Make
- Low Cost Design Best Suitable Alternate For Conventional High Cost Or High Maintenance Crane.

FLEXIBLE CABLES

PENDANT CABLES



FLAT CABLES



FEATURES :

- Extensively Oil resistant Chemical Resistance
- Extremely small bending radius
- High Flexibility
- Minimum Waste of Space
- Packaging Possibility
- Cadmium – free and no Silicon

FOR MORE DETAILS

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EPR CABLE





FESTOON SYSTEM

Features of Festoon System :

- » Easy & Quick installation
- » Light weighted
- » Less Friction
- » Smooth motion
- » Less weight of trolley
- » Longer cable life enhances because no useless twist turns are provided.

FOR MORE DETAILS

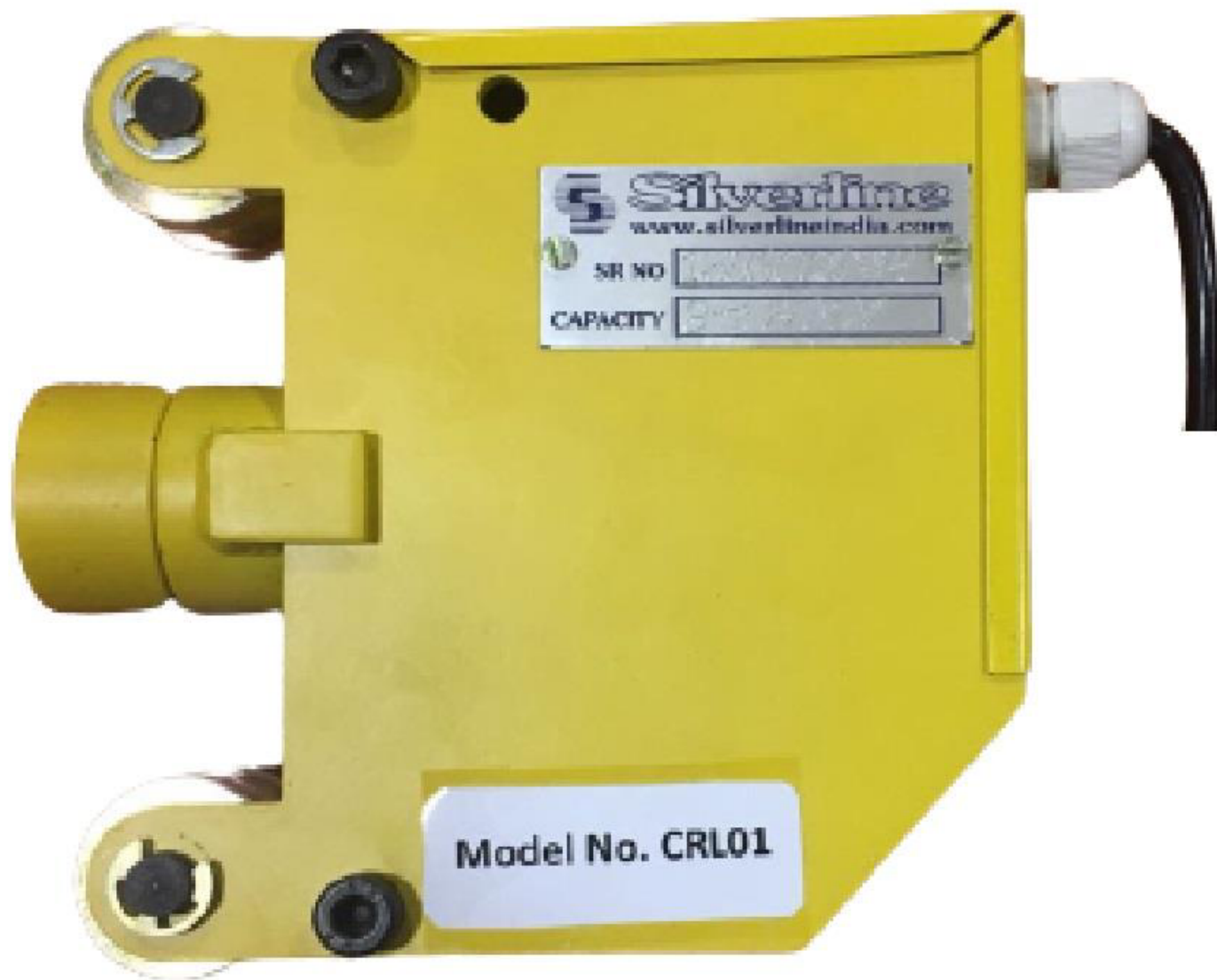
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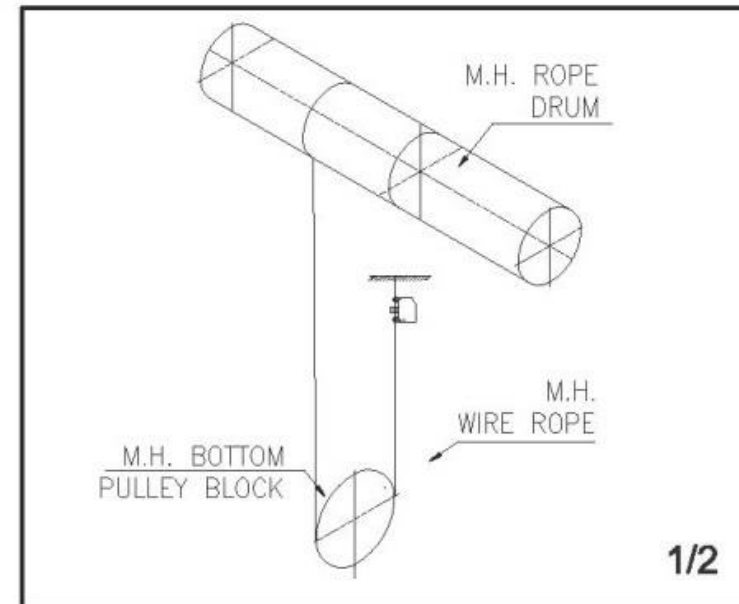


OVERLOAD LIMITER FOR OVERLOAD SAFETY OF CRANE

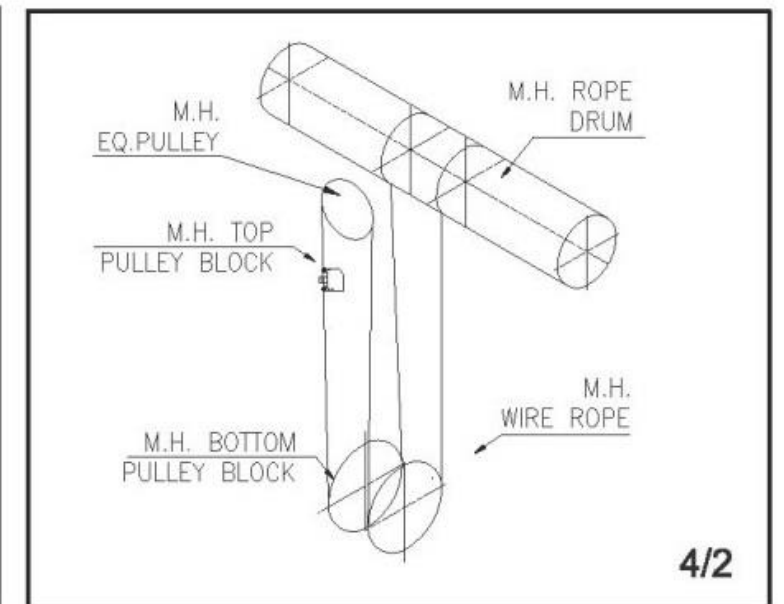


WHILE SELECTION OF OVERLOAD LIMITER

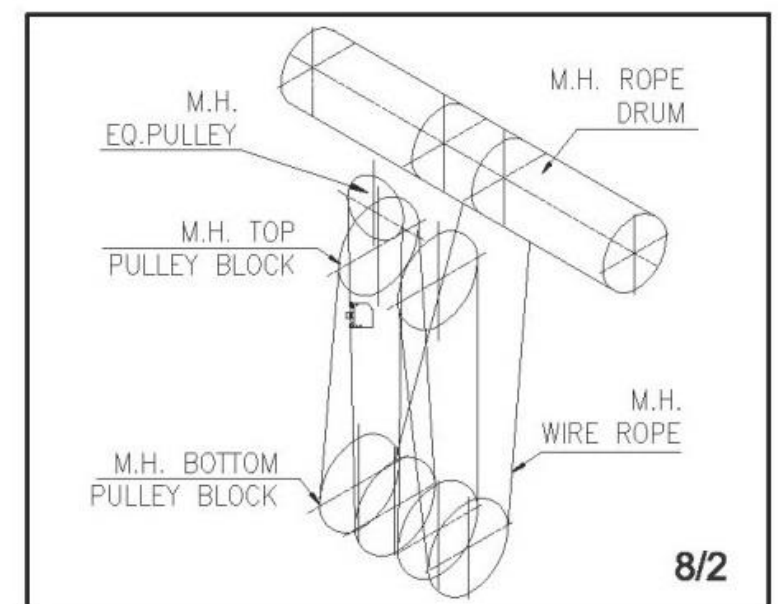
- Maximum crane load capacity in Tonnes
- Total Number of falls of wire rope
- Wire rope diameter in mm



M. H. Rope Reeing Diagram
2 Fall



M. H. Rope Reeing Diagram
4 Fall



M. H. Rope Reeing Diagram
8 Fall

SALIENT FEATURES OF OVERLOAD LIMITER

- Load limiter for overhead cranes and hoists
- Top Limit Switch can be used as service limit switch or installation of load limite
- Quick and Easy Installation
- Does not require External Power
- Available for all Capacity Cranes
- Specialized limiters available for heavy duty Applications
- Can be supplied for slack Rope or Overload or Combination of both
- Available preset or easily calibrated on site
- Automatic reset after reduction of load
- Available with load Measuring and display unit as extra feature
- Protects against overloading of crane, supporting structure and protects against bottom block over winding and breakage of ropes.
- Prevents accidents ensuring safer working conditions & reduces maintenance costs
- Wire rope is provided as an additional safety from preventing fall of load limiter
- Overload limiter can be made available for a unit to be installed on a moving rope on request.




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Rail Clamps

- Used for Fixing of Rails for Overhead Cranes
- Manufactured by using One Expertise of sheet metal & Tooling
- Forged Clamps are made from EN8 material.
- EOT cranes long travel



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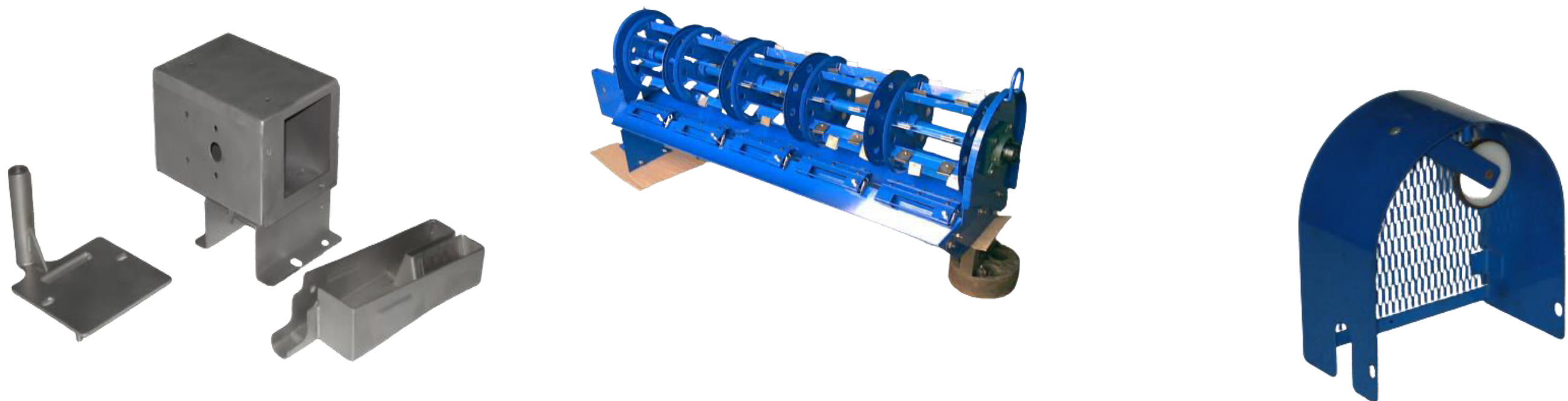
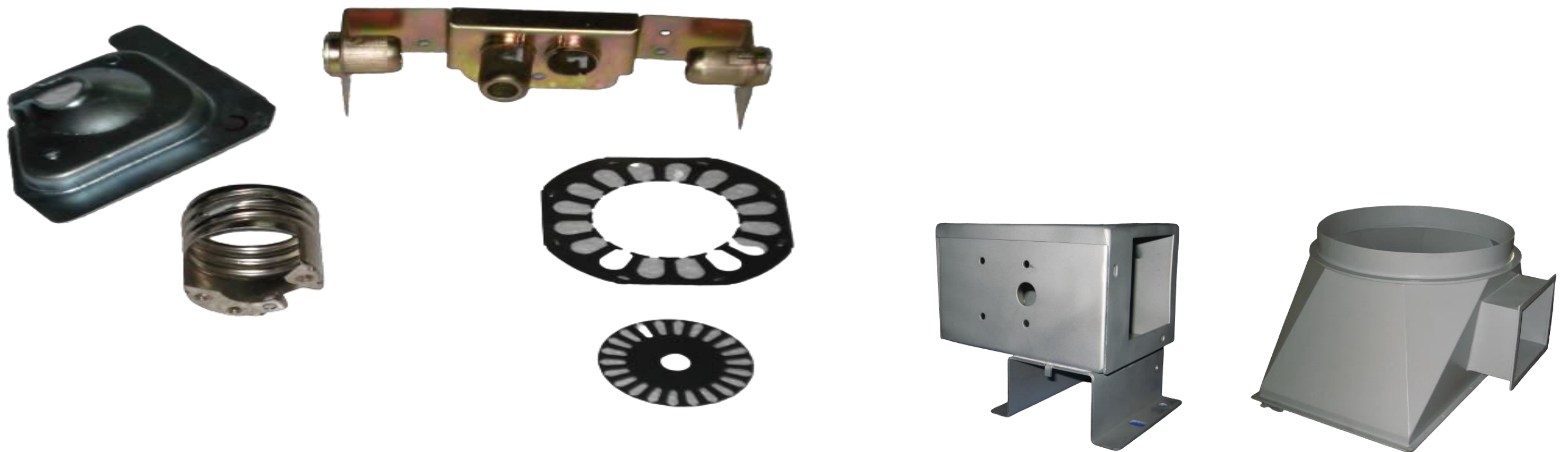
MACHINED COMPONENT



For More Details:
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SHEET METAL COMPONENTS



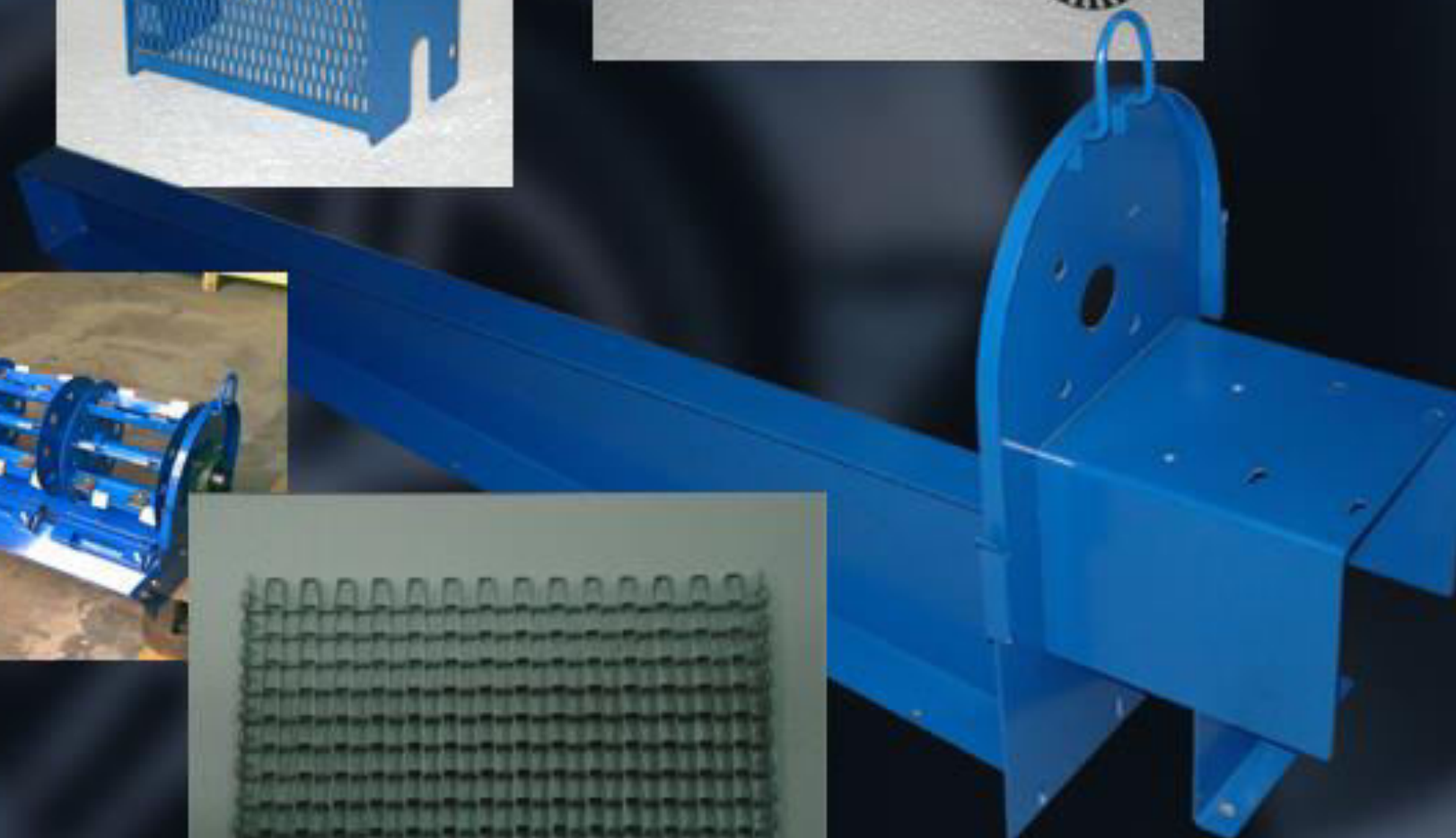
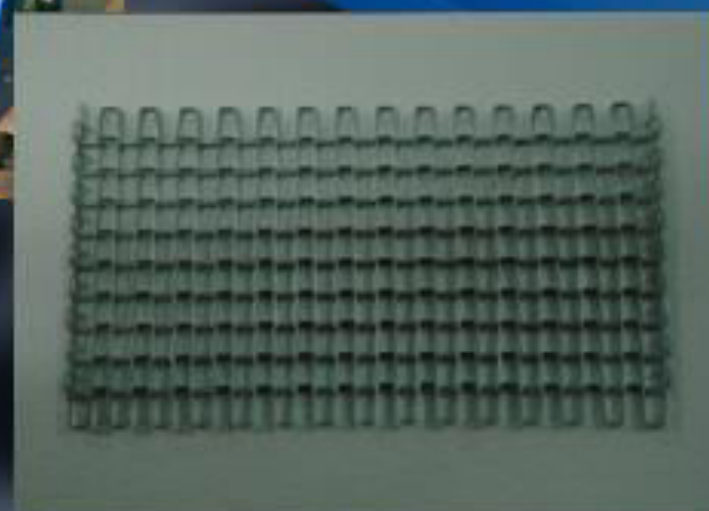


Sheet metal components

are made out of aluminum and brass. These components are seen to be used in pharmaceutical, automotive and other mechanical industries

Features:

- High quality
- User-friendly
- Easy to install
- Corrosion resistant



FOR MORE DETAILS

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WATER TANK EQUIPMENT



SS 450L Water Tank is made up of High Quality SS 316 Ti and SS 304S1 material suitable to withstand corrosion in longer run.

It is passed through various acid cleaning processes before dispatch to ensure delivery of quality product.

Main purpose of this tank is to store water in long distance trains especially LHB Coaches. It is assembled with fine quality SS accessories and fasteners along with wash plate to prevent the Train from facing the effect of collective momentum during braking process.

FOR MORE DETAILS

www.silverlineintl.com | www.silverlineindia.com



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Water Treatment Tank

We do manufacture tanks as per customer design requirements.

We have capacity to handle 12 mtrs long 15ton single weight tank.

We provide 3 coat epoxy paints with sand Blasting.

We also provide coat tar coating along with inhouse facility of Leak Test.

Types of Tanks :

1. MBBR Tank
2. MSEP Tank
3. Stainless steel Tank



**M/S. SILVERLINE INDUSTRIAL ENGINEERING
INTERNATIONAL LLC, SHARJAH, UAE**

For More Details:

Email us at: mktg.wz@silverlineintl.com

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TECHNICAL SPECIFICATIONS

SAFE LOAD INDICATING UNIT

Consisting (Each Unit):

- PreAmp Unit: 1 No.
- Display : (5") with inbuilt control panel and relay contacts: & LED Slave Display with Hooter : 2 No
- Radio Remote for Calibration : 1 No
- Load Sensor: 1 No
- Connecting Cable : Std set 5mts

SYSTEM BASE

Electronic Load Cell Based

OPERATING SYSTEM

16 Bit Microcontroller system.

INPUT (ANALOG)

One 4-20ma current input from main hook sensor

OUTPUT

- **Display** – 7 segments **ultra bright LED** Display of 5" **Digit Height**, Viewing Range **100 meter**.
- **Audio Annunciation** – Hooter 100 dB at 1-meter distance
- **Visual Annunciation** – Safe, Alert, Alarm, Motion-cut-off indications by ultra bright LED indicators.
- **Radio frequency** remote for Operational controls like TARE, CALIBRATION, etc.
- **Relay** – 2 No., 6 Amps, Potential-free,

OPERATING CONDITIONS

- Operating Temp: 0° to 60° C
- Storage: (-) 20° to 80° C
- Operating Humidity: 10-90% non-condensing
- Suitability: for dusty, heavy vibration, Corrosive environment

POWER SUPPLY

AC input: 1 Ph, 48V, 50 Hz. With Voltage Stabilizer

Enclosure Class

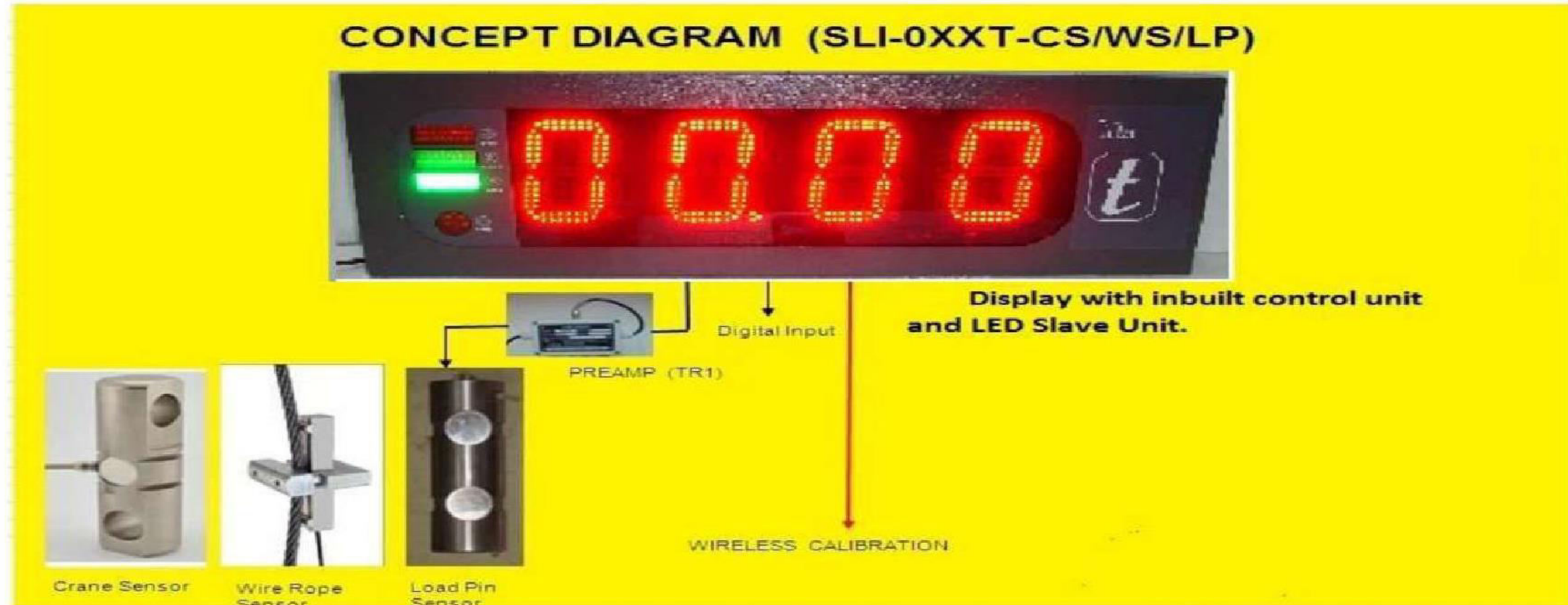
Enclosure: IP 54

Material: 1.4mm thick CRCA Steel Sheet

Paint: Epoxy Power coated Shade no 631 as per IS 5.

Make of Terminal: Connect well.

Accuracy: +/-2% of Full scale.



Select Following Sensor For Safe Load Indicator system as per EOT crane			
Load Pin Sensor (LP-XXX)	Crane Sensor (CS-XXX)	Wire Rope (WR-XXX)	Crane Sensor with Mechanical Arrangement (CSM-XXX)
			 Mechanical Arrangement
Load Pin Sensor Install into Equalizer Pulley. For this require following Inputs:	Crane Sensor Install at Dead End with Shackle .For this require following Inputs:	Wire Rope Sensor Install on Fixed Wire rope above Upper limit Switch. For this require following Inputs:	
1. Existing Equalizer Pulley Dimension	1. Confirmation about Dead End.	1. Confirmation about fix wire rope.	
2. Existing Load Pin Dimension.	2. Crane Capacity	2. Crane Capacity	
3. Crane Capacity	3. No of Falls	3. No of Falls	
4. No of Falls	Wire Rope Diameter	4. Wire Rope Diameter.	
5. For this we recommended to Use our Std. Load Pins.		5. We will Provide Cable rolling drum (Optional) for Non Fixed wire rope.	

WARNING: THIS INSTRUMENT IS A SAFE LOAD INDICATOR AND NOT A WEIGHING SCALE. INTENDED USE OF THIS INSTRUMENT IS ONLY FOR CRANE SAFETY AND SHOULD NOT IN ANY WAY BE USED FOR AS A WEIGHING SCALE IN ACTS OF TRADE AND COMMERCE.