



# Inspired SOLUTION

 **STALMAC**<sup>®</sup>  
CRANES & HOISTS

Inspired Solution





## WHEN THE MATTER OF PERFORMANCE TRUST ON “STALMAC CRANES”

We are India's leading EOT Crane manufacturer. The Stalmac Enterprise, our firm, provides a complete solution for the EOT Crane and other material handling equipment. For our best EOT crane production, we used high-quality raw materials and new and cutting-edge technologies. The organization's foundation is well-developed and well-organized, with all of the required specialized equipment, easy accessibility around the globe, and so on. The entire production process is overseen by experts to ensure that the final products produced are of the highest quality.

With Stalmac Enterprise Cranes & Hoists, you get a wealth of expertise in a variant of industries. Stalmac Enterprise's equipment is widely used in other sectors, including water treatment, pharmaceutical, petrochemical, automotive, power, ports, and waste energy. We at Stalmac Enterprise Cranes recognize that all industrial environments and demands differ and we work closely with our customers to understand and optimize their material handling needs with a team of skilled and experienced employees. Stalmac Enterprise Products have exceeded numerous requirements in the Indian industry, and our various modules and unique mechanical systems guarantee product quality and manufacturing with a large variety of products to choose from and a strong approach to the Indian market.



## EOT CRANE | Double Girder



**Stalmac manufactures Double Girder and Single Girder EOT cranes. The Crane Girders are fabricated box type structures. The cranes are designed as per IS 3177/ IS 807.**

The Cranes supplied by us are robust in design and combine compactness with safety. We also manufacture Fabricated from rolled steel sections or plates and welded together to form a box with suitable stiffening wherever required.

We can supply cranes with multiple hoists to ease operations. Hoisting, **STALMAC** make Wire Rope Hoist for Single Girder or Crab for Double Girder Crane.

We can supply cranes with customised control systems to ensure accurate positioning, to control the swiveling of the load

### **PRODUCT RANGE : (Double Girder)**

**Capacity** : 1 T to 100T  
**Class** : (I to IV / M2 to M8)  
**Span** : 5 Mtr. to 50 Mtr.  
**Height of Lift** : 3 Mtr. to 90 Mtr.

**End Carriage** consist two nos. double flanged solid forged wheels for long travel motion. These wheels are mounted on axle with anti-friction spherical roller bearings.

### **FUTURES AVAILABLE ARE :**

- Crab with Auxilliary Hoist
- Silent Gearbox High Efficiency Gearbox
- Wireless Remote Control
- Anti-Corrosion Devices
- Variable Frequency (VFD) Drives
- Cabin Operated Crane

### **PRODUCT RANGE : (Single Girder)**

**Capacity** : 1 T to 20T  
**Class** : (I to IV / M2 to M8)  
**Span** : 3 Mtr. to 32 Mtr.  
**Height of Lift** : 3 Mtr. to 50 Mtr.

## EOT CRANE | Single Girder





## GOLIATH CRANE

**STALMAC** make Goliath / Gantry Cranes are design & manufactured in accordance with IS:4137. The Structural parts of cranes are designed in Accordance with IS:804 This Equipment Mostly use in open area

### Range of Gantry Crane :

Capacity : 2T to 100T  
Span : 5 Mtr. to 30 Mtr.  
Height : 5 Mtr. to 30 Mtr.

### Range of Semi Gantry Crane :

Capacity : 2T to 100T  
Span : 5 Mtr. to 38 Mtr.  
Height : 5 Mtr. to 38 Mtr.



## SEMI GANTRY CRANE

In our Crane "legs" eliminate the supporting runway and column system and connect to end trucks which run on a rail either embedded in or laid on top of the floor.

A gantry crane has a hoist with trolley which runs horizontally along gantry rails, usually fitted underneath a beam spanning between uprights which themselves have wheels so that the whole crane can move at right angles to the direction of the gantry rails.



## JIB CRANE

Our **JIB Crane** is most demanding material handling Requirements, There are Pillar mounted and wall mounted model that motorized or manual rotation fully floating on bearings with swivel facility upto 360°

**JIB Crane Arm** is fabricated from heavy Section I-beam and Box Girder Built to the highest industries standards. JIB Crane have earned a reputation for ruggedness and durability.

Range 250 Kgs to 7.5 Ton and arm Minimum Length 7 Mtr.



## UNDERSLUNG CRANE

In this crane disges two catagory single girder and double girder. Underslung Crane girder suitable to accomodate Trolley & Chain Block or Wire Rope Hoist

### Product Range :

Span : up to 25 Mtr.  
Capacity : up to 7.5 T  
Height : up to 40 Mtr.



## WIRE ROPE HOIST

Rugged construction conforming to IS 3938  
Shafts mounted on anti friction bearings Totally enclosed gearbox with precision machine cut gears and pinions  
Rope drums made from seamless pipe The Drum Shaft has ball bearings to ensure smooth running with gears fitted on anti-friction ball bearings in oil bath lubrication. The Rope Guides are attached to prolong rope life.

The Motor confirms as per IS-325. Assembly facilitating easy maintenance Disc type/Shoe type Electromagnetic brakes for hoisting motion Limit switches for upper and lower limits for safe operation Safety latches on hook Hook supporting on thrust bearings for 360 Degree. Confirm as per IS-15560 or equivalent. Micro speed for hoisting and cross travel shall be provided if required

### TYPES OF WIRE ROPE HOISTS

- Complete etc Standard
- Fix Suspension Type Hoists
- Flexible / Circular Type Hoists
- Push Pull Trolley Type
- External Trolley Type
- Customised Design Hoist
- Low Head Room



## GOODS LIFT



Stalmac Brand Goods Lift are designed to suit client's specific requirement using superior quality raw material and bought out items. we offer superior quality Goods Lift. These are manufactured using top grade raw materials which are procured from some of the most reliable vendors of the market. Our offered range is known for its high toughness, corrosion resistance and longer service life.

### Product Range :

Capacity : up to 20 Ton  
Height : up to 90 Mtr  
Class : M2 to M8

## FLAMEPROOF HOIST



We make Flame Proof Hoists (Explosion Proof Hoists) confirming as per IS-2148 especially suitable for the hazardous conditions and available for Gas Group I, II A, II B, II C.

### APPLICATIONS:

- 1.Oil Warehouses
- 2.Mine Quarries
- 3.Chemical Plant
- 4.Gas Power Plants
- 5.Petrochemical Factory
- 6.Oil Refineries
- 7.Waste Water Treatment Plants



## PRE ENGINEERING BUILDING SOLUTION

**PEB** are ideally suited for almost all types of medium to large size steel buildings as they provide many advantages over other types of buildings like corrosion resistance, lower cost by Stalmac Enterprise etc. We also make Conventional Building for Extra Heavy Load

We provide well designed PEBs which are based on PEB concept which are designed under supervision of technocrats with international structural standards keeping in view.



## ELECTRIC WINCH MACHINE

**CAPACITY :** Up to 100Ton

**Winding Capacity:** 1500 Mtr. Wire Rope.  
Drums with larger winding capacity can also be available.

**Motor:** High Starting Torque, Class 'B' Insulation, 1500 Starts/ Hr 415V, 50Hz, 3 Phase, A.C. Induction, squirrel Cage/Slipring motors conforming to IS 325 of reputed make etc.

**Control And Control Panel :** The winch is operated by Push Button Station /Controller at 110V. fixed on machine. The control Equipments like Tripple Pole Reversing Contractors, H.R.C. Fuses, pilot lamp etc of Reputed & ISI Make





**DSL BUSBAR SYSTEM**



**HOOK ASSEMBLY**



**END CARRIAGE**



**C-RAIL SYSTEM**



**ELECTRIC CHAIN  
PULLEY BLOCK**



**SEW WIRE ROPE HOIST**



**WHEEL ASSEMBLY**



**ELECTRIC PANEL**



**CRAB TROLLEY**







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