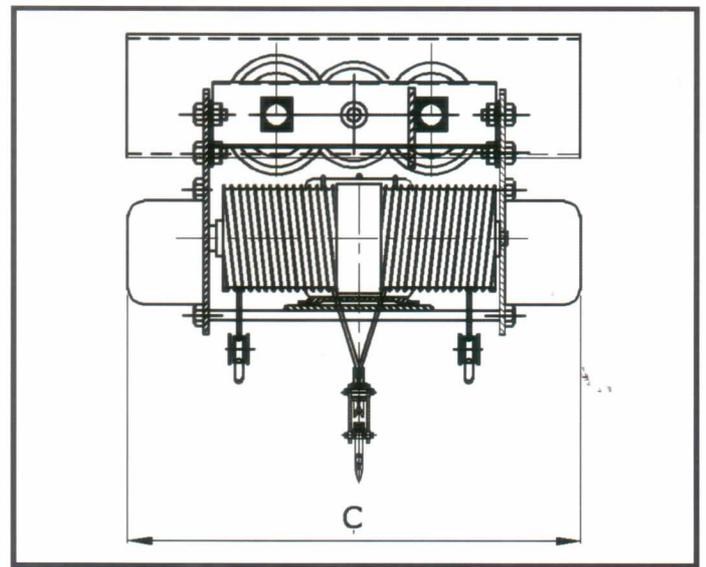
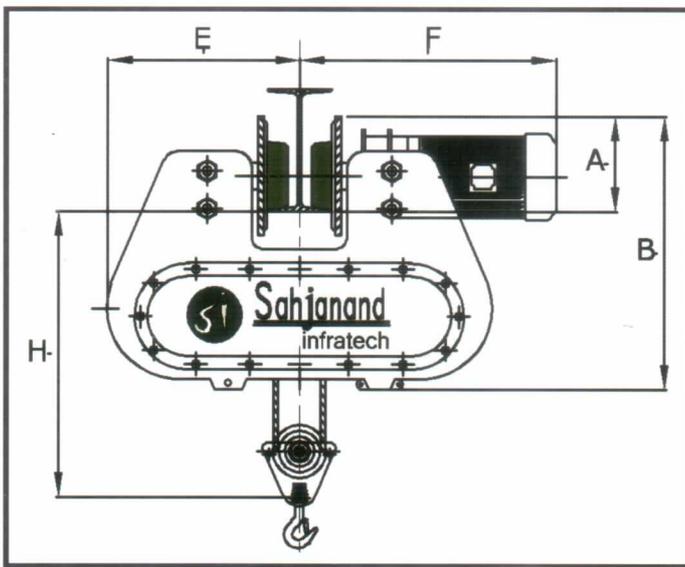




Newage industrial  
**CRANE**  
SOLUTIONS

- S.G E.O.T Cranes
- D.G E.O.T Cranes
- Electric Wire Rope Hoist
- Goliath Cranes
- Jib Cranes
- Good Lift
- PEB Buildings

**Sahjanand**  
Infratech  
*Complete Infrastructure Solutions*



CAPACITY IN KGS.	LIFT IN MTR.	SPEED MPM		MOTOR HP.		NO. OF FALL	DIMENSIONS IN MM						WT. KGS.
		HOISTING	C.T	HOISTING	C.T		H	A	B	C	E	F	
1000	6	3	12	1.5	0.25	2	590	130	470	680	285	280	180
2000	6	3	12	3	0.5	2	680	150	585	1020	340	380	350
3000	6	3	12	5	1	4	750	150	600	1020	425	380	500
5000	6	3	12	7.5	1.5	4	850	170	750	1080	425	580	550
7500	6	3	12	10	1.5	4	950	180	780	1200	425	690	900
10000	6	3	12	12.5	2	4	1050	210	900	1600	575	700	1200

## Electric Wire Rope Hoist

- **Safe Working Load**  
500 kgs. to 15,000 kgs.

**Sahjanand Infratech** wire rope hoists are designed in modular construction which greatly simplifies, repairs & cuts down time. The special features are low head room, spur / Helical gears running on antifriction confirming to IS-325 "fail to safe" brakes which automatically operate in case of any power failure, tested wire rope confirming to IS-2266, forged hooks confirming to IS-3815 and push button stations operating at step down voltage of 110 Volts.

**Sahjanand**  
**Infratech**

*Complete Infrastructure Solutions*

## E.O.T. Cranes

- **Safe Working Load**  
1000 kgs. to 1,00,000 kgs.

**Sahjanand Infratech** electric overhead cranes are designed & manufactured in accordance with IS-3177 and IS-4137 considering adequate factor of safety with respect to appropriate duty classifications.

The structural parts of the cranes are designed in accordance with IS - 807.

### **Sahjanand Infratech**

(ISO : 9001 – 2008 Certified Company)

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New age industrial  
**CRANE**  
SOLUTIONS



**ARMS & STRONG**  
CRANE & HOIST

DESIGN • CONSTRUCT • SERVICE

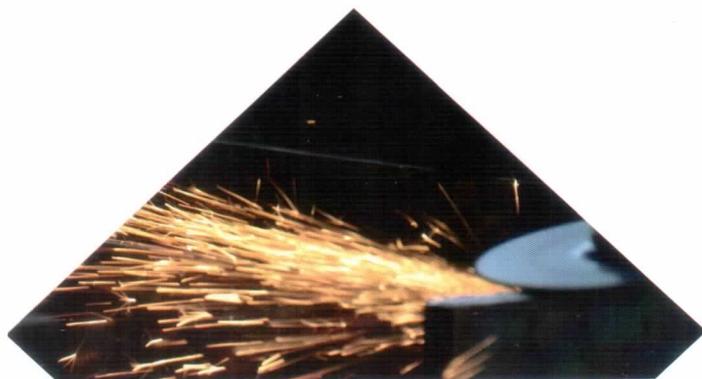


## The Company

**Sahjanand Infratech** a Pioneer Manufacturer of material handling equipments & Pre Engineering Building.

**Sahjanand Infratech** is a manufacture of material handling equipment since 1995. We have developed wide range of product such as Pre Engineering Building(PEB) , Single Girder E.O.T Cranes, Double Girder E.O.T. Cranes, Goliath Cranes , Semi Goliath Cranes, Jib Cranes, Cage Hoist Arrangement, Electric Wire Rope Hoist, Flameproof Hoist, Chain Hoist, Chain Pulley Block and many more.. With this amalgam of experience and general commercial success, we have made sure to continue our attention to the people who has made our business a success story. So far, we have served more than 400 customers on Global basis with successful installations of more than 1000 Equipments.

We push towards a future in Which we have become the world leader in material equipments and Pre Engineering Building and a trademark for all businesses that requires material handling equipments and Pre Engineering Building to Facilitate their businesses. We are hearty thankful to all my global clients for their Immense and prolonged reinforcement in our success.



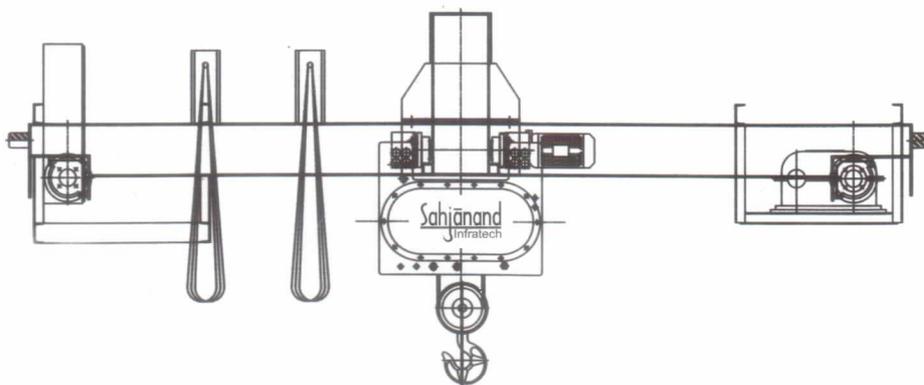


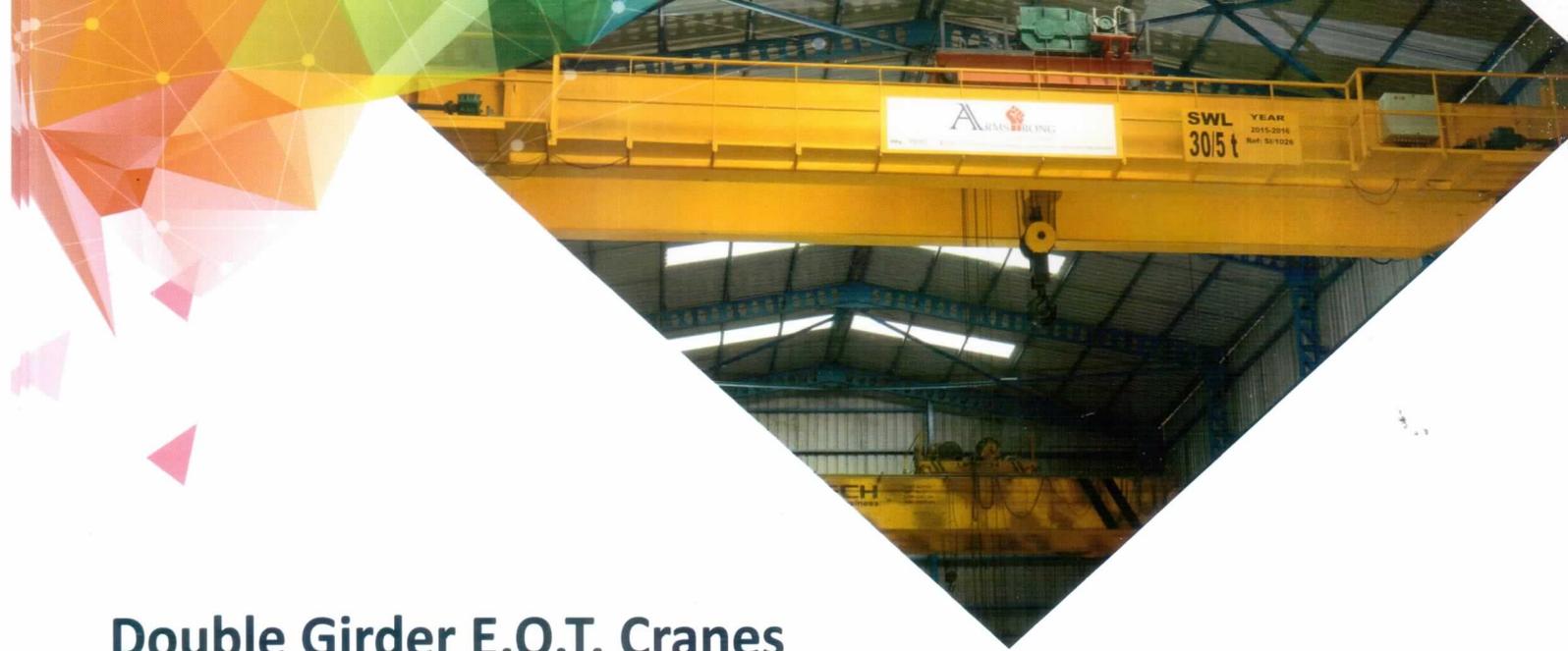
## Single Girder E.O.T. Cranes

- **Span**  
3 mtrs. to 30 mtrs.
- **Safe Working Load**  
1000 kgs. to 15,000 kgs.
- **E.O.T. Crane Control**  
Crane control from ground floor through pendant push button station/through radio remote/through cabin with master control.
- **Power Supply System**  
Hoist and crab travel through C-rail festooning system or dag chain system and long travel through DSL-Bus bar system.

**Sahjanand Infratech** electric overhead cranes are designed & manufactured in accordance with IS- 3177 and IS-4137 considering adequate factor of safety with respect to appropriate duty classifications.

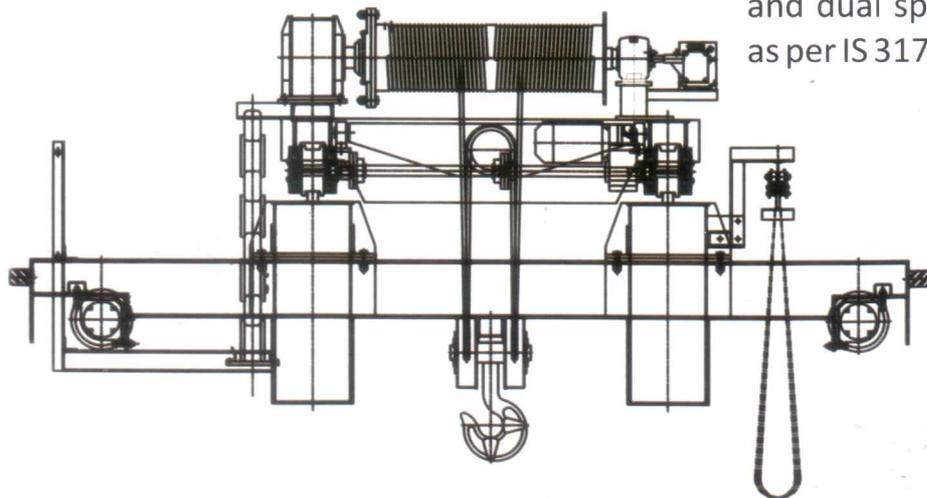
The structural parts of the cranes are designed in accordance with IS- 807.





## Double Girder E.O.T. Cranes

- **Span**  
3 mtrs. to 30 mtrs.
- **Safe Working Load**  
1000 kgs. to 1,00,000 kgs.
- **Class of Duty**  
Equivalent to M4, M6, M8  
as per IS : 3177/807
- **E.O.T. Crane Control**  
Crane control from ground  
floor through pendant push  
button station/through radio  
remote/through cabin  
with master control.
- **Power Supply System**  
Hoist and crab travel through  
C-rail festooning system or  
dag chain system and long  
travel through DSL-Bus bar  
system.
- **Motors & Brake**  
F Class Insulated squirrel cage  
& slip ring motors selected as  
per design and requirements  
with in Built or separate fail  
safe brakes in all motion.
- **Drive System**  
Drive System for smooth start  
and dual speed in all motion  
as per IS 3177 and IS 4137



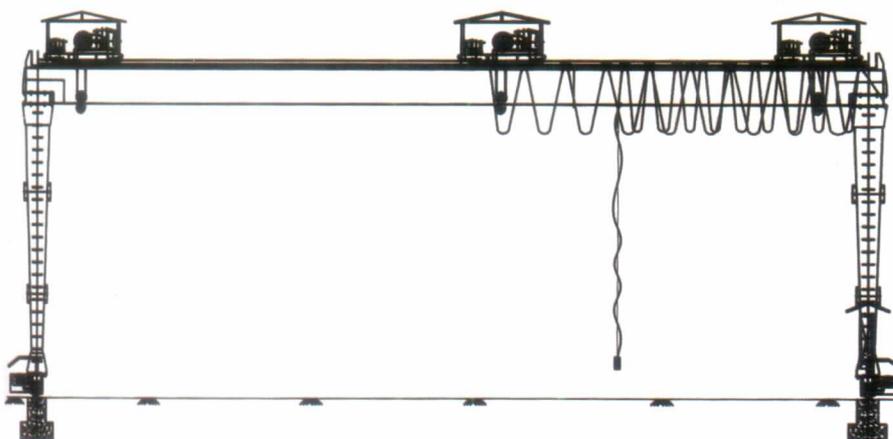


## Goliath / Semi Goliath Cranes

- **Span**  
5 mtrs. to 30 mtrs.
- **Safe Working Load**  
1000 kgs. to 50,000 kgs.
- **Class of Duty**  
Equivalent to M4, M6, M8  
as per IS : 3177/807
- **E.O.T. Crane Control**  
Crane control from ground  
floor through pendant push  
button station/through radio  
remote/through cabin  
with master control.

**Sahjanand Infratech** Goliath cranes ( Gantry cranes or partial cranes) is the most ideal material handling equipment to handle heavy loads in open yards. Goliath cranes are overhead structure with hoisting machines mounted on a frame or structure. It is generally desired for out door application but sometimes used for indoor applications also.

- **Drive System**  
Drive System for smooth start and dual speed in all motion as per IS 3177 and IS 4137

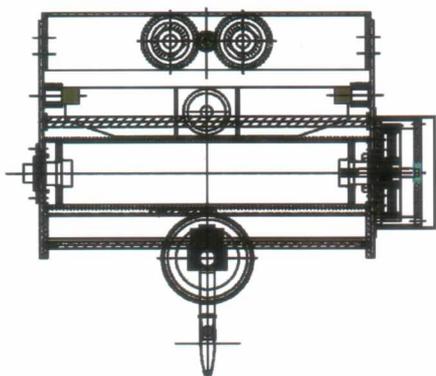




## Electric Wire Rope Hoist

- **Safe Working Load**  
500 kgs. to 15,000 kgs.
- **Class of Duty**  
Equivalent to IS 3938
- **Wire Rope Hoist Control**  
Hoist control from ground floor through pendant push button station/through radio remote/through cabin with master control.
- **Power Supply System**  
Hoist travel through C-rail festooning system or dag chain system.

**Sahjanand Infratech** wire rope hoists are designed in modular construction which greatly simplifies, repairs & cuts down time. The special features are low head room, spur / Helical gears running on antifriction confirming to IS-325 "fail to safe"brakes which automatically operate in case of any power failure, tested wire rope confirming to IS-2266, forged hooks confirming to IS-3815 and push button stations operating at step down voltage of 110 Volts.



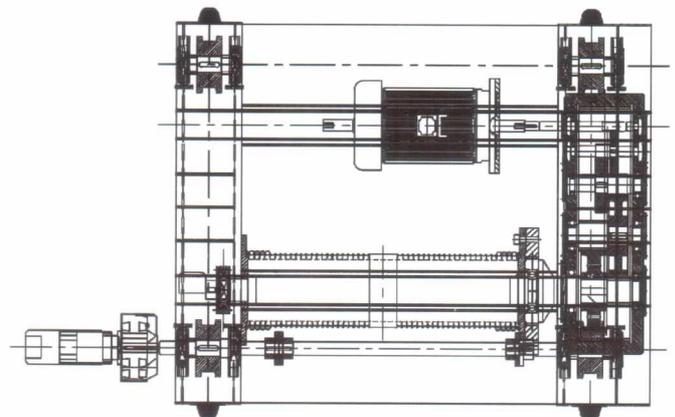


## Crab Hoist

- **Safe Working Load**  
1000 kgs. to 1,00,000 kgs.
- **Class of Duty**  
Equivalent to IS 3938/1979.
- **Crab Hoist Control**  
Crab Hoist control from ground floor through pendant push button station/through radio remote/through cabin with master control.
- **Power Supply System**  
Crab Hoist travel through C-rail festooning system or dag chain system.

A Crab is a device used for lifting or lowering a load by means of a drum around which rope wraps. Cranes and crab are somewhat interchangeable terminology since the actual lifting mechanism of a crane is commonly referred to as a crab.

Crabs may be integral to a crane or mounted in a fixed position, permanently or temporarily. When a crab is mounted to a trolley on a fixed monorail, two directions of load motion are available: forward or reverse, up or down.





## Jib Cranes

- **Radius**  
2 mtrs. to 6 mtrs.
- **Safe Working Load**  
250 kgs. to 5000 kgs.

Single girder vertical column mounted cantilever type sahjanand jib cranes consist essentially of a vertical and a horizontal structural members, equipped with a hoisting mechanism fixed to the horizontal member, or trolley along such horizontal member.

Jib arm fabricated from heavy section I-beam and triangular truss type construction given where needed. Hinge pin and support may be given with set of ball bearing and taper roller bearing to rotate the arm easily Through pulling chain at the end of arm.



## Goods Lift

- **Floor Level**  
Ground Level + 5
- **Safe Working Load**  
250 kgs. to 5000 kgs.

We are providing Goods Lift in two type of Mechanism

- Wire Rope Type
- Hydraulic Type

Used for various material handling application such as material shifting from shop floor up to stairs and Maintenance work .

The floor doors are provided with Mechanical and electrical locking arrangement .Hence unless floor door is closed properly lift cannot be started. Additional gravity limit switch is provided for extra safety in case of failure of over Hoisting limit switch.

## Rope Guide

Standard hoist carries rope guide and pressure ring as standard features. Cast iron fully encircling guide ring fixed around the grooves of the drum to ensure correct rope lay.

## Trolley

Hoist are designed to suit standard rolled steel section and fabricated box girder. The frame is rigidly bolted with hoist side plate. EN8 steel axles and wheel with ball bearing mounted on frame

## Control Panel

Every hoist is provided with a control panel comprising of standard make heavy duty, direct-on line reversing type air brake contactors, transformers and drives, dust proof MS sheet metal cabinet as per IP55.

## Gear Box

Alloys EN 9 and EN 19/24 steel helical spur gear with solid pinion running on ball/ roller bearings with oil bath lubrication.

Some of our Valued Customers



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Infratech

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