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**MANUFACTURING  
PROJECTS  
TRADING &  
MAINTENANCE  
SERVICES**

**EOT CRANE**

Excellent  
**PERFORMANCE** to  
Support Your Business  
**GROWTH**



WE SERVE FOLLOWING INDUSTRIES



MINES



PORT & SHIPYARD



AUTOMOBILE



CRANE



CHEMICAL



POWER PLANT



PAPER

**Saif Al Mufaddal Enterprise**

**Head Office:** 306 A, Zamarud Residency, Indarpura, Khatriwad, SURAT-395003

**Workshop/Factory:** Plot # 03, Uma Industrial Estate, Near Shiv Bhumi-4,  
Kujad-Bakrol Road, Bakrol (Bujrang), Ahmedabad-382443

**Mob:** (+91) 777 8855 752 / 9974 222 789

**WhatsApp:** (+91) 777 8855 752 / 7777 91 7253

**E-Mail:** [services.saifalmufaddal@gmail.com](mailto:services.saifalmufaddal@gmail.com)

**Website:** [www.saifalmufaddal.com](http://www.saifalmufaddal.com)

## INTRODUCTION:

We are Pleased to introduce ourselves as **SAME (SAIF AL MUFADDAL ENTERPRISE)** with GSTIN # **24AHPS3519E1ZG** one of the leading General Contractor and Trader in the south Gujarat.

**SAME** for contracting, Industrial trading and Maintenance Services has the capability to perform all types of contracting services with high quality workmanship in the different fields.

**SAME** has been established with Head Office and Warehouse in SURAT

## ❖ Projects / Services / Maintenance

- *Licensed Electrical Contractor*
- *Residential, Industrial & Commercial Projects*
- *Electrical Installation, Operations & Maintenance Works*
- *Heavy Industrial/Commercial 3 Phase / 1 Phase Works*
- *Designing & Manufacturing of HV/LV Power/Control Panel as per client requirement*
- *Interior Designing, POP Ceiling, Carpentry, Electrical Wiring, Lighting and Missionary works (Home Automation Works)*
- *Cable Tray, Slab Conduit, Casing Capping & Surface Piping Works*

## ❖ Maintenance of Equipment

- *Maintenance/Modification, Installation and commissioning of Over Head Cranes.*
- *All types of Machineries like CNC Machines, Shearing, Rolling, Bending Shot Blasting Band Saw, CNC Plasma and Lathes.*

## ❖ Capital Equipment

- *Manufacturing and Designing of Industrial Cranes – EOT, Jib Cranes, Gantry Cranes, Hoists and Chain Pulley Blocks*
- *Shrouded Bus Bar System DSL Line and Festoons*
- *Brakes Liner for all types of brakes Motors*

## ❖ Consumables /Trading

- *Kennametal Tooling*
- *Spare Parts for all types of Cranes and machineries*
- *All Types of Precision and Special Bearings*

**SAME** has the experience to safely deliver superior results even in the most challenging environments. We support clients with our Local Representatives for faster speed of response. These representatives are well equipped with knowledge of products and technical expertise to attend to technical queries and service requests.

## CAPITAL OF EQUIPMENTS

### CRANES MANUFACTURING

#### ❖ Bridge Cranes

##### Single Girder EOT Cranes

Span: 3 to 30 Meters  
Safe Working Load: 500 to 20,000 Kgs

##### Double Girder EOT Cranes

Span: 5 to 85 Meters  
Safe Working Load: 500 to 200,000 Kgs



Bridge cranes are one of the most popular type of overhead crane in the market. A bridge crane have two overhead runway beams, which are connected to the building's support system. This crane is available in Single and Double girder Configurations. A Single & Double girder bridge crane has same strength. On the other hand, Single Girder are design for low capacity, Double girder crane are design for Higher capacity and can lift a load higher than a single girder crane.



#### Single Girder vs Double Girder Bridge Cranes

A single girder or double girder is a type of overhead crane that of which configuration is available for an overhead bridge crane. A bridge girder, also known as a beam, is the structural support that allows the trolley and hoist to travel from side to side along the bridge. Before lifting or lowering a load, the trolley is use to precisely place the hoist.

Both single and double girder cranes are solid and durable to some extent. The most significant difference between the two is hook height, or how high your hoist can rise off the ground. Since the hoist is mount on top of the girders rather than below them, a double girder crane may have more hook height.

## ❖ Goliath(Gantry) Cranes

### Semi Goliath Cranes

Span: 5 to 20 Meters  
Safe Working Load: 1000 to 30,000 Kgs

### Goliath Cranes

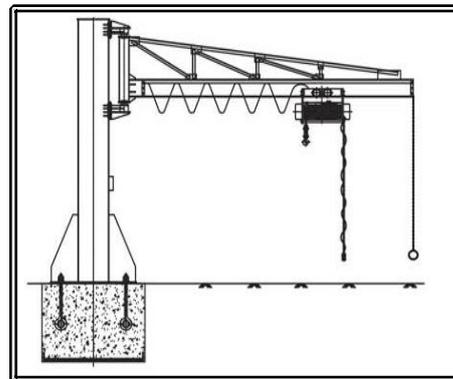
Span: 5 to 50 Meters  
Safe Working Load: 1000 to 100,000 Kgs

The gantry crane girder sits on legs rather than being suspended on a support beam. The legs can be installed either underground or on top of the ground. Since the girder does not need to attach to a building's support system, gantry cranes are ideal for outdoor use. A gantry is the type of device to be used in a shipyard.



## ❖ Jib Cranes

Radius: 2 to 6 Meters  
Safe Working Load: 250 to 5000 Kgs



A jib crane is a type of overhead crane that does not have a runway system; instead, it attaches to a wall and extends its boom over the coverage area. These overhead cranes can also be freestanding, which means each structure has its own support column. This crane swings from 180° to 360° in a circular motion. A jib crane can lift loads of up to several tons despite its small footprint.

## ❖ Cage Hoist Arrangement

Floor Level Ground Level+10  
Pay Load Capacity 500 to 5000 Kgs



## ❖ Hoists

### Flame Proof Hoists

Safe Working Load: 250 to 25000 Kgs

### Wire Rope Hoists

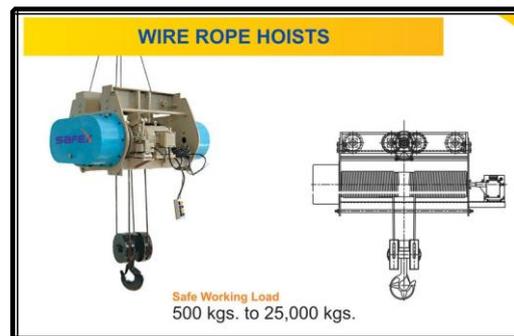
Safe Working Load: 500 to 25000 Kgs

### Chain Pulley Blocks

Safe Working Load: Capacity up to 20 Tons

### Chain Hoists

Safe Working Load: 500 to 2000 Kgs



## ❖ Features of EOT Cranes

EOT (Electric Overhead Traveling) Cranes are different from other types of overhead cranes because of their unique features:-

1. It has a heavy-duty cast steel rope guide.
2. It has a sturdy construction.
3. It is easy to operate with low maintenance.
4. It also consists of an upper and lower hook travelling limit switch.
5. The motors of EOT cranes are TEFC motors with F class insulation. TEFC here stands for totally enclosed, fan closed.
6. It is also corrosion-resistant.

## ❖ Application of EOT Cranes

EOT cranes have wide applications and used in many industries. Some of them are

- |                          |                                |
|--------------------------|--------------------------------|
| ➔ Power Plant            | ➔ Ceramic industries           |
| ➔ Transport Industry     | ➔ Dairy Industries             |
| ➔ Construction Industry  | ➔ Steel Fabrication Industries |
| ➔ Petrochemical Industry | ➔ Textile Industry             |
| ➔ Chemical Industries    | ➔ Cement Industry              |
| ➔ Steel Plant            | ➔ Foundries                    |

## CRANES MAINTENANCE SERVICES

WE UNDERTAKE COMPLETE MANUFACTURING, REPAIR AND MAINTENANCE CONTRACTS FOR OVERHEAD CRANES.

- ➔ Modernization of EOT Cranes
- ➔ Servicing of EOT Cranes
- ➔ AMC for EOT Cranes
- ➔ Rail Alignment of EOT Cranes
- ➔ Revamping of EOT Cranes
- ➔ DSL Alignment
- ➔ Reconditioning of EOT Cranes
- ➔ Maintenance of EOT Cranes
- ➔ Designing of Power & Control Panel
- ➔ Structure Steel Fabrication
- ➔ Installation, Commissioning, Testing of All Type of Industrial Machineries and Equipment with Civil, Mechanical and Electrical Work
- ➔ Overhauling of EOT Cranes
- ➔ Erection/Dismantling of EOT Cranes
- ➔ Repair of EOT Cranes
- ➔ Health Check Up of EOT Cranes
- ➔ Up-gradation of EOT Cranes
- ➔ Gantry Alignment Readiness
- ➔ Refurbishment of Old Cranes of Any Make
- ➔ Erection and Commissioning of Rails
- ➔ Installation & Termination of Power/Control Panel
- ➔ Structure Steel Erection Work



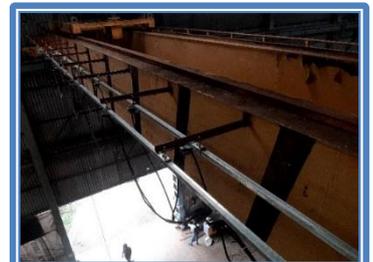
**MODERNIZATION**



**ERECTION**



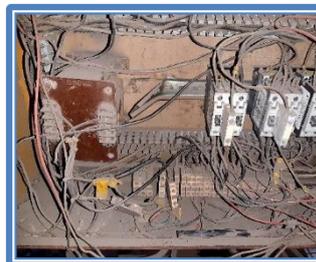
**UPGRADATION/MODEFICATION**



**RAIL FIXING**



**Wire Rope**



**OVERHAULING**



**REFURBISHMENT**



**ANNUAL MAINTENANCE**

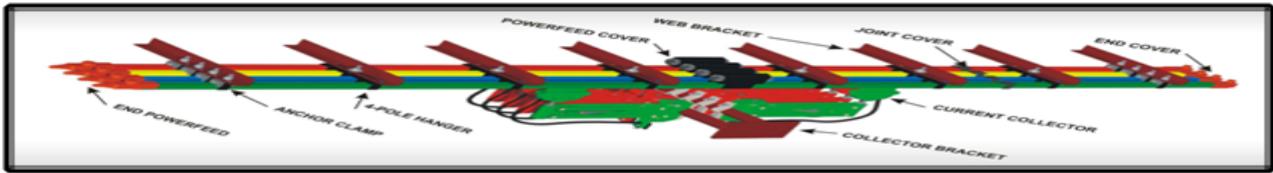


**SERVICING AND REPAIR**



**SHROUDED BUSBAR SYSTEM (DSL)**

**SHROUDED BUSBAR**



60A to 400Amps



**Bolted Joint Busbar**

Conductor Bar Type	Galvanized Steel			Copper		
	G60	G100	G125	C160	C250	C400
Nominal Current At 100% And 35°C	60 Amps	100 Amps	125 Amps	160 Amps	250 Amps	400 Amps

**Pin Joint Busbar**

Conductor Bar Type	Galvanized Steel			Copper		
	60	100	125	C160	C250	C315
Nominal Current At 100% And 35°C	60 Amps	100 Amps	125 Amps	160 Amps	250 Amps	315 Amps

**Aluminum /Stainless Steel Conductor bar**

Conductor Bar Type	Aluminum / Stainless Steel		
	A500	A800	A1000
Nominal Current At 100% And 35°C	500 Amps	800 Amps	1000 Amps

500A to 2000Amps



**Copper Busbar**

Conductor Bar Type	Copper				
	C500	C800	C1000	C1250	C2000
Nominal Current At 100% And 35°C	500 Amps	800 Amps	1000 Amps	1250 Amps	2000 Amps

**ENCLOSED CONDUCTOR RAIL**

**Box Type Joint Less Bus Bar System 25A To 200Amps Capacity**



**C RAIL FESTOON SYSTEM**

**C-Rail Assembly**



**Track Support Brake**



**Track Couplers**



**Curve Rail**



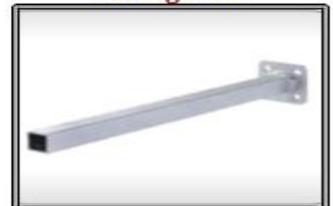
**C-Rail**



**Cable Trolley**



**Towing Arms**



**EOT CRANES SPARES**

**CRANE SPARES**

Current Collector



Current Collector for Enclosed jointless Busbar



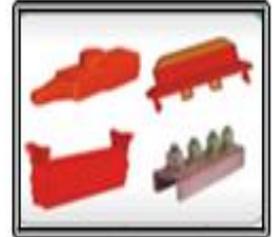
Current Collector Pad



Hanger Clamp



Busbar Spares



Truster



Brake Liner



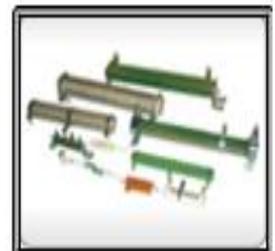
Brake Shoe with Liner



Brake Coil



Wire wound Resistance



Wire Rope



Crane Siren



Lifting Belt



Cam Switch



Crane Load Scale



Crane Wheel



Rail Clamp



Crane Shackle



Crane Buffer

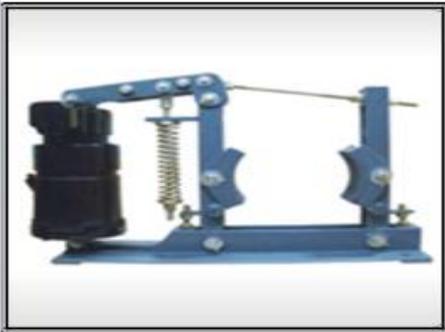


Cable Reeling Drum



INDUSTRIAL BRAKE

Electro Hydraulic Thruster Brake



AC Solenoid Brake



AC Magnetic Brake



RESISTANCE BOX & MASTER CONTROLLER

S.S. Punch Grid Resistance Box



Master Controller



CRANE LIMIT SWITCHES

Rotary Gear Limit Switch (40 Amps)



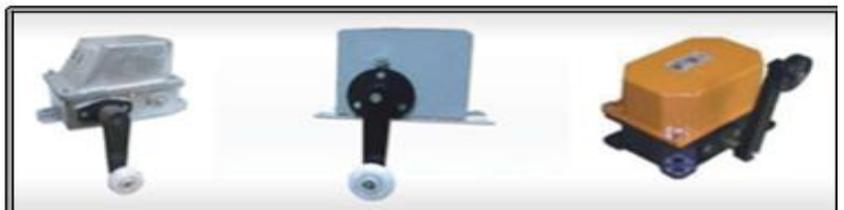
Gravity Limit Switch (10 Amps To 40 Amps)



Worm Drive Limit Switch (10 Amps)

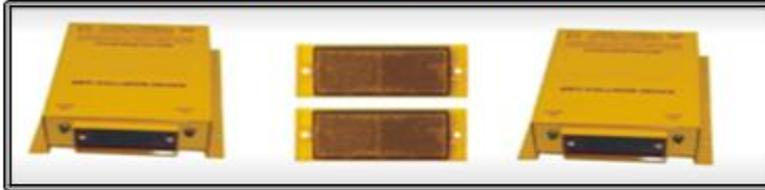


Lever Limit Switch (10 Amps To 40 Amps)



**ANTI COLLISION DEVICE**

Anti Collision Device (3 To 10 Mtrs.) Range



Anti Collision device (50 To 100 Mtrs.) Range



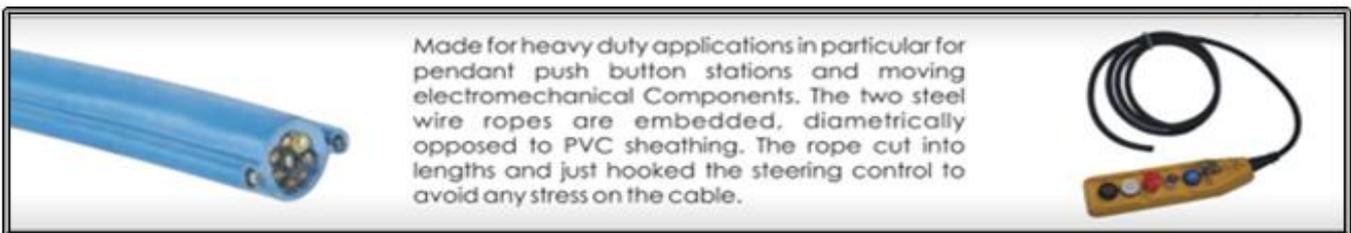
**RADIO REMOTE CONTROL**



**PENDANT STATION**

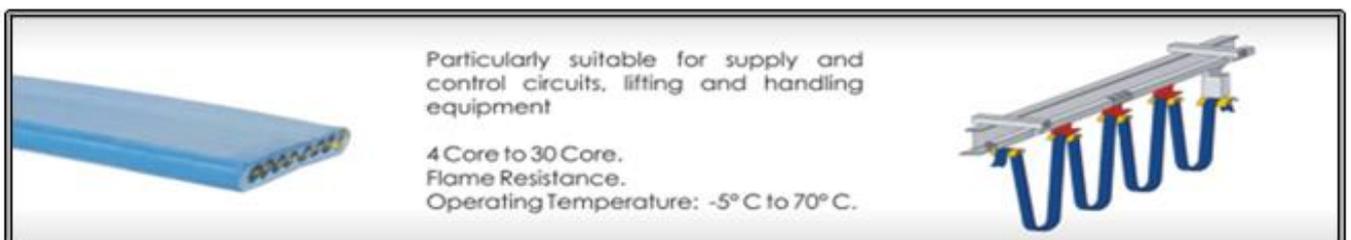


**PENDANT CABLE**



Made for heavy duty applications in particular for pendant push button stations and moving electromechanical Components. The two steel wire ropes are embedded, diametrically opposed to PVC sheathing. The rope cut into lengths and just hooked the steering control to avoid any stress on the cable.

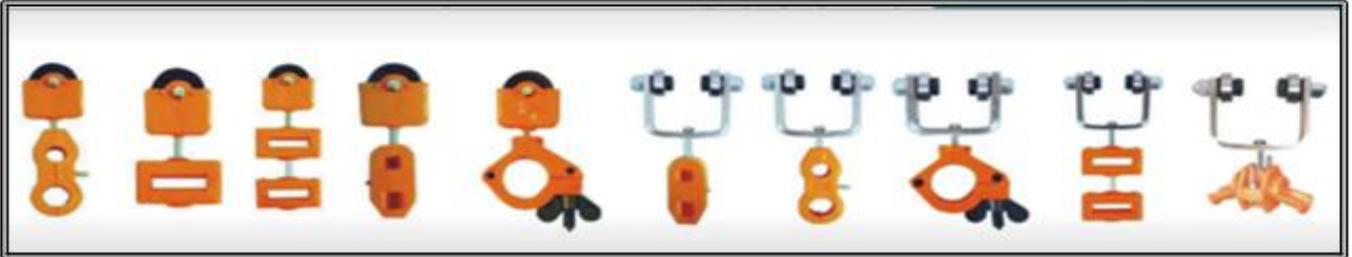
**FLAT CABLE**



Particularly suitable for supply and control circuits, lifting and handling equipment

4 Core to 30 Core.  
Flame Resistance.  
Operating Temperature: -5° C to 70° C.

**CABLE CARRIER**



**CABLE TROLLEY**



**BRAKE DRUM & GEAR COUPLINGS**

**Brake Drum**



**Brake Drum Gear Couple**



**Gear Coupling**



**DSL INDICATOR**

**DSL Indicator Lamp**



**AC DRIVES (VFD) FOR CRANES**

**AC Drives (VFD)**



## POWER/CONTROL PANEL DESIGNING AND MANUFACTURING

WE UNDERTAKE COMPLETE DESIGNING, MANUFACTURING, REPAIR AND MAINTENANCE CONTRACTS FOR POWER AND CONTROL PANEL

- ➔ PLC Control Panel
- ➔ Relay Control Centre (RCC)
- ➔ Automatic Power Factor Control (APFC)
- ➔ Low Tension (LT) Panel
- ➔ High Tension (HT) Panel
- ➔ Motor Control Centre (MCC)
- ➔ Power Control Centre (PCC)
- ➔ Automatic Change Over Panel
- ➔ Medium Tension (MT) Panel
- ➔ Extra High Tension (EHT) Panel



**TOOLINGS**



From Milling / Turning / Hole making, Kennametal provides the industry's best metal Working tools using advanced tungsten carbide, ceramics, and high-speed steel materials.

**Inserts for Milling, Drilling, Cutting and Solid End Carbide Mills.**



## BEARINGS

WE CAN SUPPLY ALL TYPES OF PRECISION AND SPECIAL BEARINGS OF ALL BRAND.

- ➔ Axial Cylindrical Roller Bearings
- ➔ Ball Thrust Bearings
- ➔ Tapered Roller Bearings
- ➔ Linear Guide Rails Runner Block
- ➔ Pillow Block
- ➔ Roller Thrust Bearings
- ➔ Magnetic Bearings
- ➔ Rolling/Sliding Contact Bearings



### WE DEALS IN



**GIOVENZANA INTERNATIONAL B. V.**



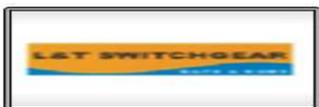
**HENSEL ELECTRIC INDIA PVT LTD.**



**KIRLOSKAR ELECTRIC COMPANY LTD.**



### WE ALSO DEALS IN



## COMERCIAL REGISTRATION



सत्यमेव जयते

Government of India  
Form GST REG-06

[See Rule 10(1)]

### Registration Certificate

Registration Number: 24AHHPS3519E1ZG



1.	Legal Name	KHOJEMA ABULI SIYAMWALA			
2.	Trade Name, if any	SAIF AL MUFADDAL ENTERPRISE			
3.	Constitution of Business	Proprietorship			
4.	Address of Principal Place of Business	306 A, ZAMARUD RESIDENCY, INDARPURA KHATRIWAD, SURAT, Surat, Gujarat, 395003			
5.	Date of Liability				
6.	Period of Validity	From	27/04/2020	To	Not Applicable
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority	Centre			
Signature					
Name		Rishi J Sharma			
Designation		Superintendent			
Jurisdictional Office		Ghatak 60 (Surat)			
9. Date of issue of Certificate		27/04/2020			
Note: The registration certificate is required to be prominently displayed at all places of business in the State.					

**This is a system generated digitally signed Registration Certificate issued based on the approval of Application granted on 27/04/2020 by the jurisdictional authority.**

GJ/SUR/C-00342



GOVERNMENT OF GUJARAT  
LICENSE TO  
ELECTRICAL CONTRACTORS

Authorized by Govt. Notification, E & P Deptt.,  
No. GU/2013/37/ELA/11-2012/2401/K, Dated 22.04.2013

**M/s.SAIF AL MUFADDAL ENTERPRISE, Dist-SURAT** is hereby authorized to carry out Electrical Installation Works in the Gujarat State, subject to the conditions mentioned in the Regulations issued by the Government of Gujarat under Government Notification, Energy and Petrochemicals Department No. GU/2013/37/ELA/11-2012/2401/K, Dated 22.04.2013.

Energy & Petrochemicals Dept.  
Gujarat State, Gandhinagar.  
Issue Date: **10/09/2020**

President  
Licensing Board  
Gandhinagar.

Secretary  
Licensing Board  
Gandhinagar.

Date of Renewal	Date of Expiry	Secretary's Initials
	09/09/2025	

Signature valid

Digitally signed by KHAJOJA  
HAIDERABAD HUSAINALI  
Date: 2020.09.10 16:18:41 IST  
Reason: Signed Document  
Location: India

Signature valid

Digitally signed by PATEL  
KIRIT MANILAL  
Date: 2020.09.10 15:35:25 IST  
Reason: Signed Document  
Location: India