



Saiiron Engineering Pvt Ltd

Integrated Solution Provider

OFFICE SAIIRON HOUSE, GP-89, MIDC G BLOCK CHINCHWAD PUNE 411019

FACTORY : GAT 134/2, MAHALUNGHE, CHAKAN TALEGAON ROAD, CHAKAN, PUNE 410501

EMAIL SALES@SAIIRON.COM / SAIIRON.ENGINEERING@GMAIL.COM /

CONTACT PHONE 02027493737 / 9225553737 / 8956904374

INTEGRATED SOLUTION PROVIDER

TRUNKY RELOCATION OF PLANTS MACHINES EQUIPMENT'S CONVEYORS AND ROBOTICS

FOR ALL MECHANICAL AND ELECTRICAL SERVICES

FIRE FIGHTING MEP UTILITY STRUCTURAL



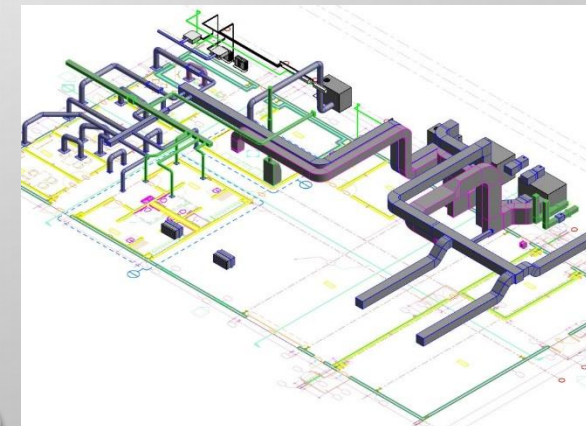
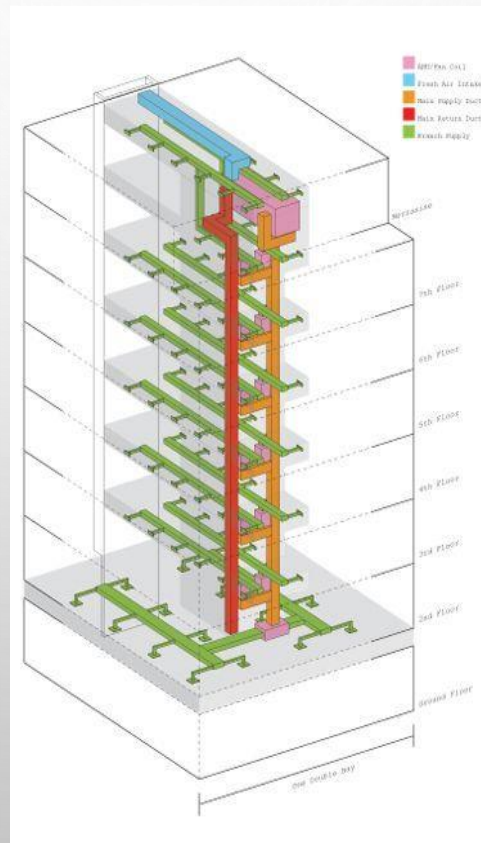


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COMPANY PROFILE

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2. MEP
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4. UTILITY
5. FIRE FIGHTING
6. TANKS AND PIPING
7. HDPE
8. DUCTING AND EXHAUST
9. STURCTURE
10. ANNUAL MAINTANANCE
11. ASRS AND RACKS
12. TROLLIES AND PALLETS
13. INTERIOR AND OFFICES
14. HEAVY EQUIPMENT
15. CUSTOMERS





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About us...

Saiiron Engineering Pvt Ltd is a registered company in India. The Head Office is located in Saiiron House, GP 89, MIDC, G Block, Chinchwad Pune 411019 with another branch and Factory at Gat no 132/2, Mahalunge, Chakan, Pune 410501, So we can deliver a more convenient service to our clients across.

The organization was established and in full operation Since 2006. After a couple of years, we have proven our position in the market in the Structural work, Trunking installations, Interior, MEP Services, Fire Fighting, HVAC, Utility, Plant Relocations and Events industry, by being one of the fastest growing companies in the Region.

Saiiron Engineering Pvt Ltd understands clearly the needs of each company participating in various Projects, Every client has its own distinctive requirement and we are committed to providing the best and suitable solutions in terms of Engineering Design, Supply, Execution and after sales services.

Saiiron Engineering Pvt Ltd employs professional staff who will certainly assist you from the design and planning stage until the successful implementation. Our team is equipped with the latest machinery, equipment, tools materials and most of all skilled and dedicated workers.



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MEP

Saiiron MEP capabilities in Mechanical, Electrical & Plumbing (MEP) are built around providing feasible and economically viable designs. The company is devoted to develop and discover solutions that are a perfect fit for the Client's objective as well as budgets.

The gamut of services offered by Saiiron MEP encompasses heating, ventilation, air conditioning, refrigeration, plumbing, fire protection and utility distribution systems.

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Our Services

HVAC - a specialist Company in the India We provide HVAC (Heating, ventilation

& Air Conditioning) systems including automated control systems to expertly

manage the climatic working environment of your business

Saiiron MEP is an experienced HVAC specialist providing a complete environmental solution for your business. Based on demographics alone,

regulation of temperature, heating and air conditioning control is a vital part of business life in the India due to the high working temperatures involved.





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HVAC

HVAC Engineering Services

HVAC - a specialist Company in the Pune Maharashtra India and Over seas We provide HVAC (Heating, ventilation & Air Conditioning) systems including automated control systems to expertly manage the climatic working environment of your business

Saiiron Engineering Pvt Ltd is an experienced HVAC specialist providing a complete environmental solution for your business. Based on demographics alone, regulation of temperature, heating and air conditioning control is a vital part of business life in the EARTH due to the high working temperatures involved.





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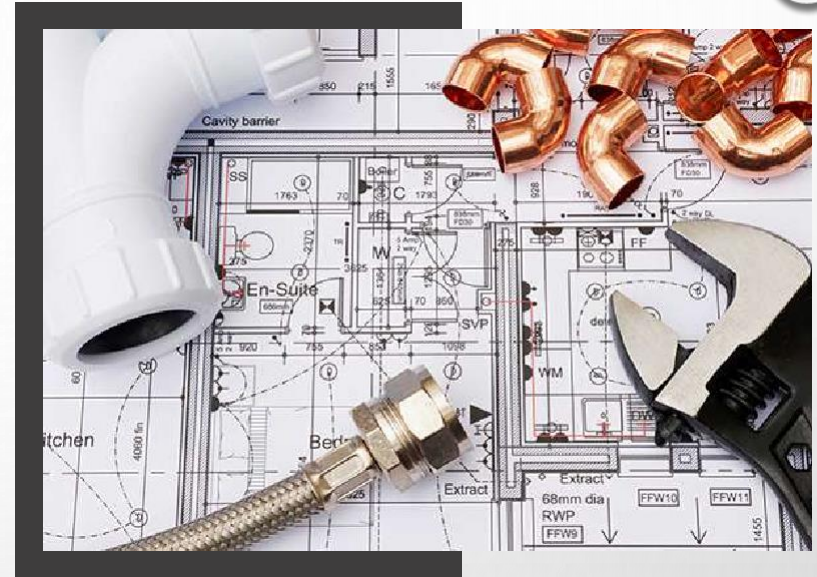
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UTILITY

Plumbing Engineering Services

Our plumbing services team handles all aspects of plumbing, water supply, drainage, swimming pool filtration systems & firefighting works. Our plumbing engineers design with an approach in influencing high water efficiency, energy, fire protection, pollution systems and a sustainable site.

We are able to provide assessments, recommend alternatives, and thus provide high-functioning systems that meet the client's very specific individual need as well as assisting in conserving natural resources.



Electrical Engineering Services

We offer a complete service from feasibility study to conceptual design and installation. We offer electrical engineering services throughout then India and Overseas.

We have preferred contractor status for many of the regions high profile clients where we offer longstanding relationships built around our ability to provide innovative solutions. We also work closely with design teams as a preferred contractor where we carry out project work specifically to your requirements.

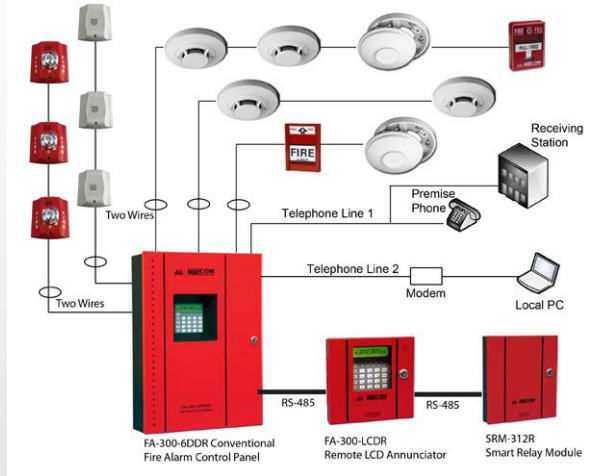




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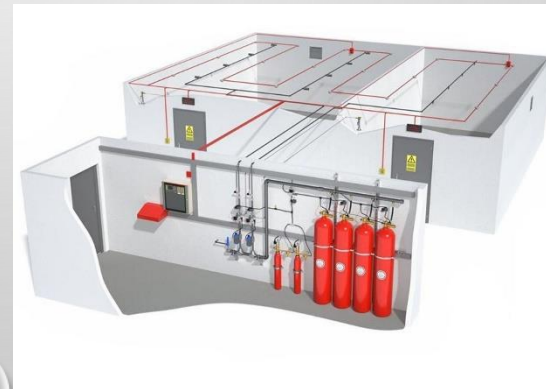
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Fire Fighting



Fire Detection Systems Conventional & Addressable Intelligent Fire Alarm Panels / Workstations. Addressable Ionization Smoke Detectors, Optical Smoke Detectors, Optical Beam Detectors, Heat Detectors, Multi- Sensor Detectors, Flame Detectors, Video, LPG Gas Detectors, H2S Detectors, Manual Call Points, Alarm Bells, Sounders, Water Leak Detection System, and all forms of passive fire protection.

Fire Suppression System Gaseous Fire Suppression Systems (FM200, NAF 227ea, NAF S125, Inergen, Novec, Argonite, Argon, Aerosol). Foam Based Fire Suppression System, Water Based Fire Suppression System (Water Mist, Hydrants, Sprinklers, Deluge Systems) Wet Chemical Kitchen hood Systems. Dry Mist Suppression system. Tube Technology





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Fire Hydrante

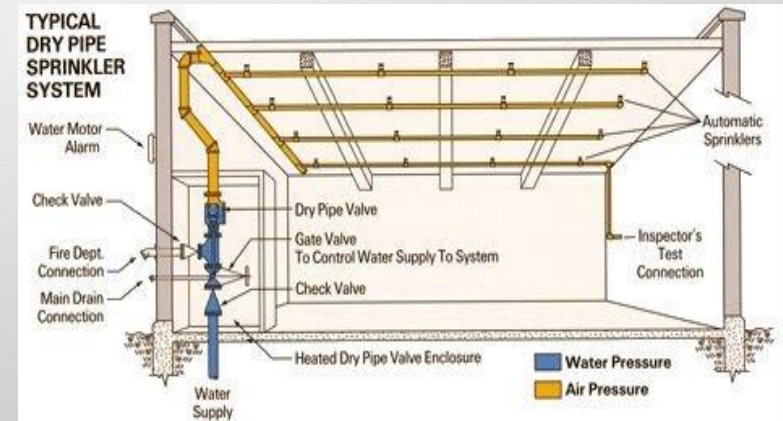
FIRE HYDRANT SYSTEM

A fire hydrant also known as the hydrant pump system and booster pump system and is the most common and efficient way of fire fighting. It is used in each and every area where fighting system is required. It is also effective in most cases, all authorized general bodies use this system and advice to install it, it consist two type hydrant system 1) Courtyard Hydrant System 2) Wet Riser Fire Hydrant System Both are used in different places where it is applicable, these kind of system can be installed in Residential buildings, Commercial complex, Shopping Complex, Warehouses, Industrial places. Hydrant system mainly consist of piping system around the entire boundary of the required premises and will be connected with wet riser of high rise building if required which will have courtyard hydrant valve, water monitor (for industrial purpose), Hose reels, cut of valves etc. The system can be operated manually and automatically to the required conditions of the premises



SPRINKLER SYSTEM

A sprinklers system is effective and user friendly system and has 97% success rate. It is used in commercial building, warehouses, hospitals and places which can accommodate more than 100 people at a time and mainly where the owners avoid maximum damages to their property. For sprinkler system automatic system preference is given, hence in sprinkler system operation, minimum amount of manpower is required and is easily operable; design of the sprinkler system is done according to the NBC standard. Sprinklers chosen according to the conditions for example position the sprinkler and the coverage area the sprinkler has to cover. It can be upright, pendant or side wall and the other factor is the temperature at which the quartzoid bulb will burst. Look at





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Tanks and Piping

Tanks Design & Installation Works

We are able to undertake complex Tanks design and Saiiron Engineering Pvt Ltd projects at any level, up to major residential, commercial and industrial sector projects with high.

We offer a full Tanks design and Saiiron Engineering Pvt Ltd service for our clients using the most innovative and energy efficient products to provide state-of-the-art installations which save both time and cost throughout the construction phase and provide a cost effective and maintainable end product to our clients.





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HDPE

High Density Polyethylene (HDPE) Pipes are manufactured all over the world by extrusion technique. Sizing methods still vary but the trend is the pressure sizing i.e. introducing air at the pressure of about 0.8kg/cm^2 to 1kg/cm^2 through one of the spider legs of the dies. HDPE Pipes are generally manufactured on single screw extruder.

HDPE Pipes find application in a variety of fields in India and abroad. The most important applications are as follows:-

Drinking water supply line-
Water lines in hilly areas. Here the property of flexibility of HDPE is exploited to the fullest extent-

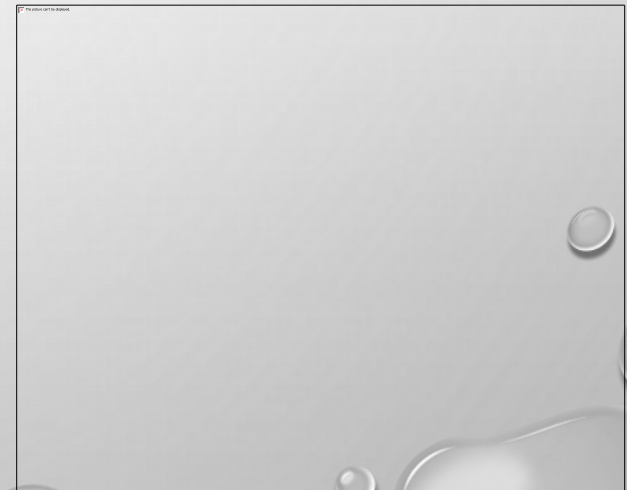
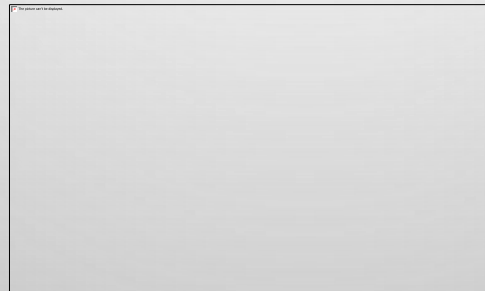
Irrigation lines

Industrial effluent disposal lines

Sewage and gas lines-

Fuel gas line-

Mining Industry





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Ducting

A ducting profiler is a tool that can be used to design and size ducts for ventilation systems. Ducts can be made in different shapes, including round, rectangular, and D-shaped. The shape of the duct depends on the space it's being installed in, the amount of headroom, and the desired appearance.

Round: The most common shape, often used in open ceilings. **Circle:** Used when there's not enough headroom for a half-round duct, or when attaching to a hard ceiling. **D-shaped or half-round:** Used when there's not enough headroom for a round duct, or when attaching to a hard ceiling. **Rectangular:** Can be customized and used when there's not enough space for a round duct. **Semicircular:** Used when there's not enough headroom, or for aesthetic reasons. **1/4 round:** Used in small spaces, or when affected by indoor environment or installation location. **Fan-shaped:** Used in irregular spaces, or for aesthetic reasons.





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Hanger Structure

OPTIMAL DESIGNS
QUICK CONSTRUCTION
SEISMIC RESISTANT
FUTURE EXPANSION
MAINTENANCE FREE
LOW STORAGE





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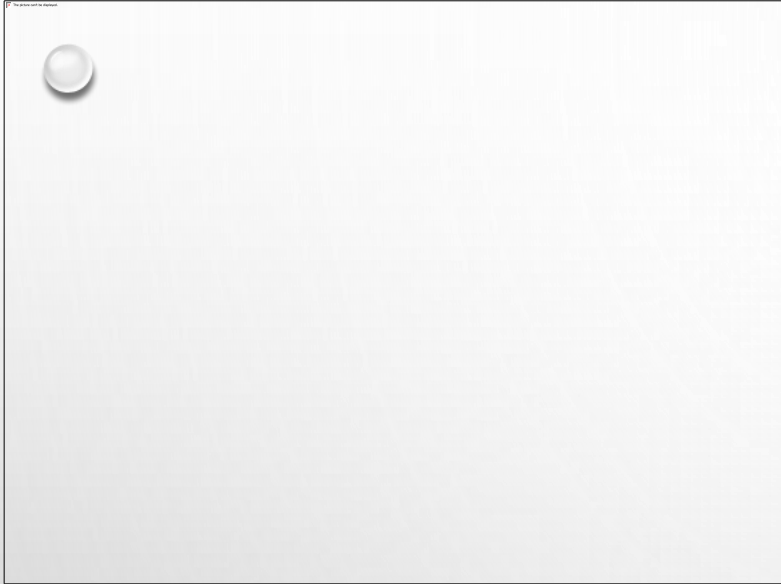
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Structure

Structural profiles are manufactured metal components that are used to create structures for industrial, architectural, and other purposes. They can be made from a variety of materials, including steel, fiberglass, and thermosetting polyester resin.

Types of structural profiles

- **Hollow section:** A type of structural profile
- **Round tube:** A type of structural profile
- **C channel:** A type of structural profile
- **L angle:** A type of structural profile
- **Flat bar:** A type of structural profile
- **Solid rod:** A type of structural profile
- **I-beam:** A type of structural profile
- **Box:** A type of structural profile
- **Hand rail:** A type of structural profile





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Maintenance And After Sales Contracts

We are a highly successful maintenance services company and our Pune & India Teas will work with you to protect your investment.

Saiiron Engineering Pvt Ltd Trusted by a diverse range of clients, across many business sectors, we deliver the highest quality support to critical operational facilities. We provide both reactive and planned preventative maintenance services across a range of market sectors including banking and finance, industrial, commercial, pharmaceutical and retail.





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Exhaust System



Exhaust System

PP Exhaust systems are widely used for vapor, gas, and chemical removal in industries across the world. These systems are designed ergonomically to control air pollution resulting from industrial chemical or gas release, which is a critical issue that needs to be addressed as soon as possible. We take a customized approach while designing an exhaust system for your industry.

Our exhaust system would cost you much less than the steel ones. When it comes to durability, the system we provide is ten times stronger than the steel systems. Properties like thermal expansion and resistance against UV radiations separates our system from other manufacturers.

Mentioned below are some of the advantages of buying our exhaust systems:





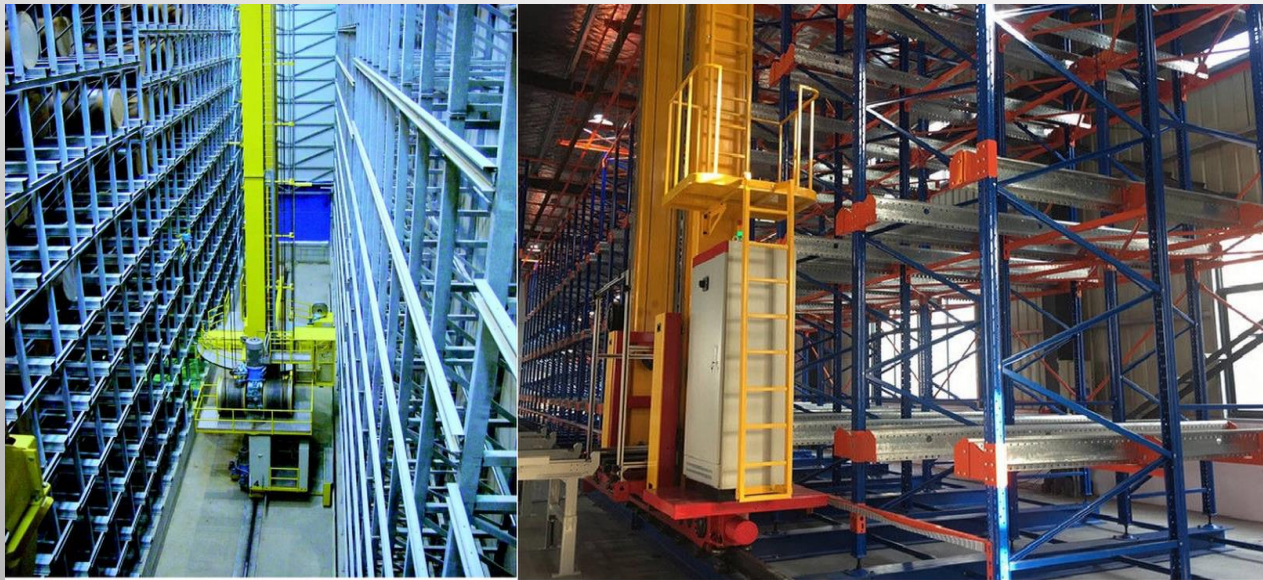
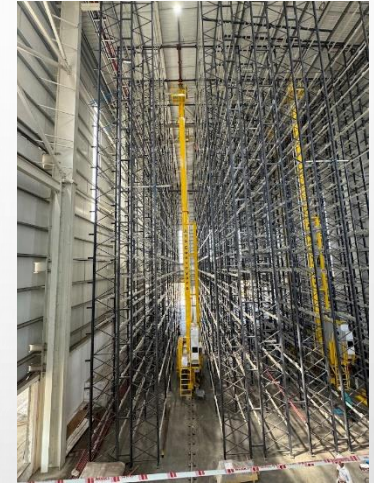
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ASRS AND RACKS

Automated Storage and Retrieval Systems (ASRS) are robotic systems that use racking to store, sort, and retrieve items in warehouses. ASRS systems can be customized to suit the needs of a warehouse, and can include cranes, carousels, and shuttles.

Efficiency: ASRS systems can move goods faster and more efficiently than manual systems. **Safety:** ASRS systems can eliminate the need for warehouse staff to enter the racking, making it safer. **Accuracy:** ASRS systems can improve accuracy and reduce operator error. **Space utilization:** ASRS systems can minimize floor space and increase storage density. **Inventory control:** ASRS systems can improve inventory control by integrating with computer systems. **Crane racking** Cranes guided by management software travel along warehouse aisles to retrieve goods. **Horizontal carousel modules** Storage bins attached to a track that rotates to deliver items to the operator. **Shuttle systems** Automated systems that optimize space utilization by eliminating the need for aisles.

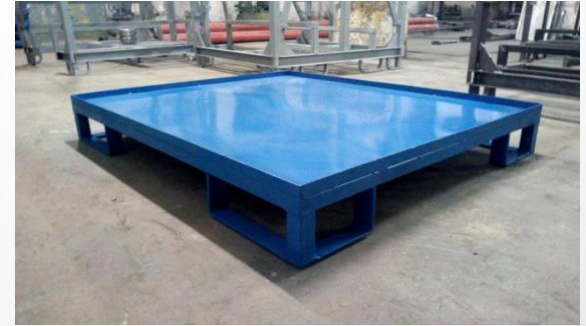




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Trolleys and Pallets





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Interior and offices

Industrial interior designers create functional and aesthetically pleasing spaces in industrial-style buildings. They use materials like metal, concrete, brick, and exposed pipes to create a unique look.

Responsibilities

- Design:** Create design plans for industrial spaces, including residential and commercial buildings
- Select materials:** Choose materials for the space, such as lighting, furniture, flooring, and wall finishes
- Coordinate:** Work with contractors, architects, and designers
- Research:** Stay up to date on industry trends and best practices
- Manage:** Oversee the progress of the project and ensure it's completed on time and within budget
- Communicate:** Work with clients to understand their needs and translate them into the design





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Heavy Equipment's

Loading, Unloading & Shifting Work

Loading, unloading, and shifting work are essential activities in various industries, including logistics, manufacturing, construction, and warehousing. These tasks involve the movement of goods, materials, and equipment from one location to another and require careful planning, coordination, and execution to ensure safety, efficiency, and minimal damage to the items being handled.





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Major Projects ...

Sr. No.	Description of Work	Client	Company	Amount in Lakhs	Year
01	Rain Water Down take work for Engine Shop	FIAT India Automotive Pvt Ltd	FIAT India Automotive Pvt Ltd	292	2021-22
02	HVAC for Admin Building	Emerson Process Equipment's Pvt Ltd	ANJ Turnkey Projects Pvt. Ltd.	321	2021-22
03	Fire Protection system for Mezzanine Floor	Grupo Antolin Chakan Pvt Ltd	Grupo Antolin Chakan Pvt Ltd	118	2021-22
04	Rain Water Down take work for Assembly & Warehouse	FIAT India Automotive Pvt Ltd	FIAT India Automotive Pvt Ltd	89	2021-22
05	HVAC PROJECT	Skoda VW	Scon Projects Pvt Ltd	221	2022-23
06	Dam Water Piping at MAHINDRA	Mahindra	MAHINDRA	334	2022-23
07	Fire fighting system	Sintex BAPL	SITEX BAPL	110	2022-23
08	Solar Plant PAINT Shop Installation	ADANI MUDRA	ADANI SOLAR	410	2022-23
09	Fire fighting system at T Block	MAHINDRA	MAHINDRA	140	2022-23
10	Retail Stores CIVIL AND ELECTRICAL	RELIANCE	RELIANCE	189	2022-23



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Major Projects ...

Sr. No.	Description of Work	Client	Company	Amount in Lakhs	Year
11	Fire Sprinkler, Hydrant & Pump House	Mahindra	Mahindra	420	2023-24
12	Utility Piping including Chilled Water, Cold Water & compressed air	Skoda Auto Volkswagen India Pvt Ltd, Chakan	Skoda Auto Volkswagen India Pvt Ltd	330	2023-24
13	Water Storage Tanks -7.5KLX02Nos, water pumping system & pipeline, cooling towers -350TR	Skoda Auto Volkswagen India Pvt Ltd, Chakan	Skoda Auto Volkswagen India Pvt Ltd	362	2023-24
14	Civil and Road work	Gestamp Pune Automotive Pvt Ltd	Gestamp Pune Automotive Pvt Ltd	154	2023-24
15	Electrical HT & LT work with panels	Gestamp Pune Automotive Pvt Ltd	Gestamp Pune Automotive Pvt Ltd	183	2023-24
16	Utility Pipe line work and Civil work	Mahindra Vehicle Manufacturers Ltd	Mahindra Vehicle Manufacturers Ltd	118	2023-24
17	Civil and Fire Protection, Detection, Alarm & Pump House for Complete Plant	Brembo Brakes	Brembo Brakes	147	2023-24
18	Foam Suppression & Fire Alarm System for Paint Storage	Jotun India Pvt Ltd	Jotun India Pvt Ltd	152	2023-24
19	Hanger manufacture and Installation with doors automation	GMR	GMR	220	2023-24
20	Fire Protection System for warehouse	FIAT India Automotive Pvt Ltd	FIAT India Automotive Pvt Ltd	95	2023-24



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On Going Main Projects ...

Sr. No.	Description of Work	Client	Company	Amount in Lakhs	Year
01	HVAC AND UTILITY	CAIL	ST LUCIA	557	2024-25
02	Fire Sprinkler, Fire Alarm & PA System	Skoda Volkswagen India Pvt Ltd	Skoda Volkswagen India Pvt Ltd	147	2024-25
03	Fire Sprinkler & Hydrant System	Brembo Brakes Ltd	STEPL	150	2024-25
04	Petrol & Motor Oil Storage and Distribution System	Skoda Volkswagen India Pvt Ltd	Skoda Volkswagen India Pvt Ltd	75	2024-25
05	Fire Sprinkler & hydrant System	MAHINDRA	MAHINDRA	160	2024-25
06	ASRS BARRTY AND CELL RACKS	Mahindra Electrical	MAHINDRA	319	2024-25
07	Utility Media Services like Chilled Water, Cold Water & Compressed Air	FIAT INDIA	FIAT INDIA	140	2024-25
08	Structure and Installation	Kocon	Hyundai Motors India	499	2024-25
09	Utility Media Services Cold Water Compressed Air, Gas pipe line	Taco	Taco	122	2024-25
10	Equipment's Installation	Hindalco	Hindalco	88	2024-25



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Our Prestigious Clients...



Volkswagen



Mahindra



ŠKODA



Reliance



adani



Gestamp



JABIL





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Thank you !!

We are Ready to Serve You !

With our Group

Why Choose Us?

For any help regarding the installation process, you can take advice from our experts at Saiiron , who possess the adequate expertise and ability to deliver the installation services without any complaint. We are known for being one of the premium service providers in the field of turnkey services. We deal with the supply of all the construction-related stuff and we have a team of industrial electrical contractors, electrical engineering contractors, and commercial electrical contractors, as well.

- We have appointed experts who can match up with all the electrical standards of installation
 - The aftercare and maintenance service that we provide at Saiiron in second-to-none
 - You can entirely rely upon us for the ongoing maintenance contracts for future
- We work in cities as well as in deserted areas in raising top-notch building with complete furnishing

You can have a look at the proposal that we have to offer and the different types of products and services that come along with our Turnkey services. You can get in touch with us from our about section

www.saiiron.com