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INSTRUMENTUM GROUP

TOP-NOTCH INDUSTRIAL EQUIPMENT SUPPLIER

TOTAL LOGISTICS SOLUTION SYSTEM





- Competitive Pricing
- Efficient Sourcing
- Widest Product Range
- Fast and Best in Time Delivery



OVERVIEW

Instrumentum Group was established in 2014 by experienced engineers and experienced sales teams with various industries background that includes process instrumentation & Control, valves, pipe & fittings, warehouse solutions, renewable energy, medical devices, commodities and supplies chain management. We aimed to maintain long-term commercial relationships with our customers, who value our reputation and market knowledge. Integrity is the first and foremost criteria that form the basis of our business at Instrumentum. We have a strong commitment to meet our customer needs and application while promoting business practices that respect our employees, our customers, our suppliers and the environment.

Instrumentum group is capable of delivering wide range of solutions for our customers under one window. We work with the best niche manufacturer's to provide quality products with economical prices and expedited delivery, by which customer can fulfill their requirement on time. We are prepared to assist customer in every inquiry whether it's for single equipment or a large project that requires multiple services. Not only we can provide equipment, but also we have the capability to provide the technical consultation on selecting the right equipment and efficient design.

Best Quality Service...

Our professional team is enthusiastic to provide the highest quality of services in this very competitive industry. We maintain high international standards to fulfil the requirement of all our customer needs around the globe. Our main objective is to utilize our sales, technical & sourcing experts to select and source the customer's requirement from our principals or manufacturer to fulfill their application with quality products at economical prices on defined lead time.



Highlights of our Services

Process Measuring/Control/Calibration
Instruments Valves, Actuators, Pipe & Fittings Design control and measuring process loop Design total logistic solution system Warehouse Racking and MHE's

Renewable Energy & Explosive LED Medical Devices Build & Design Customized Process Equipment Marketing & Display Product.





3P Management Philosophy

- Consulting Professional-CP
- Field Professional-FP
- Service Professional-SP

High quality racking ,shelving, MHE's & impact protection solutions for warehouse automation

Instrumentum Group supply and design a warehousing system to fit your needs considering the budget, floor space, product ,inventory management and material handling equipment. Our engineering team always make sure that our systems meet the expectations by providing safe and full reliable systems with International standards..Our goal is to help client's choose the most cost efficient and quality product to fulfill their requirements. The following are list of services Instrumentum group provides to help clients:

1. Warehouse Design & Layout
2. Select the suitable Racking System
3. Select the appropriate Material Handling Equipment
4. Design of Prefabricated Steel Warehouse Building
5. Select the Warehouse Management System (WMS)
6. Provide in-house support from design to supply and installation

We offer the most convenient high density, high throughput AS/RS (Automated Storage & Retrieval Systems) solution for your warehouse, whether storing pallets or boxes.

Racking System

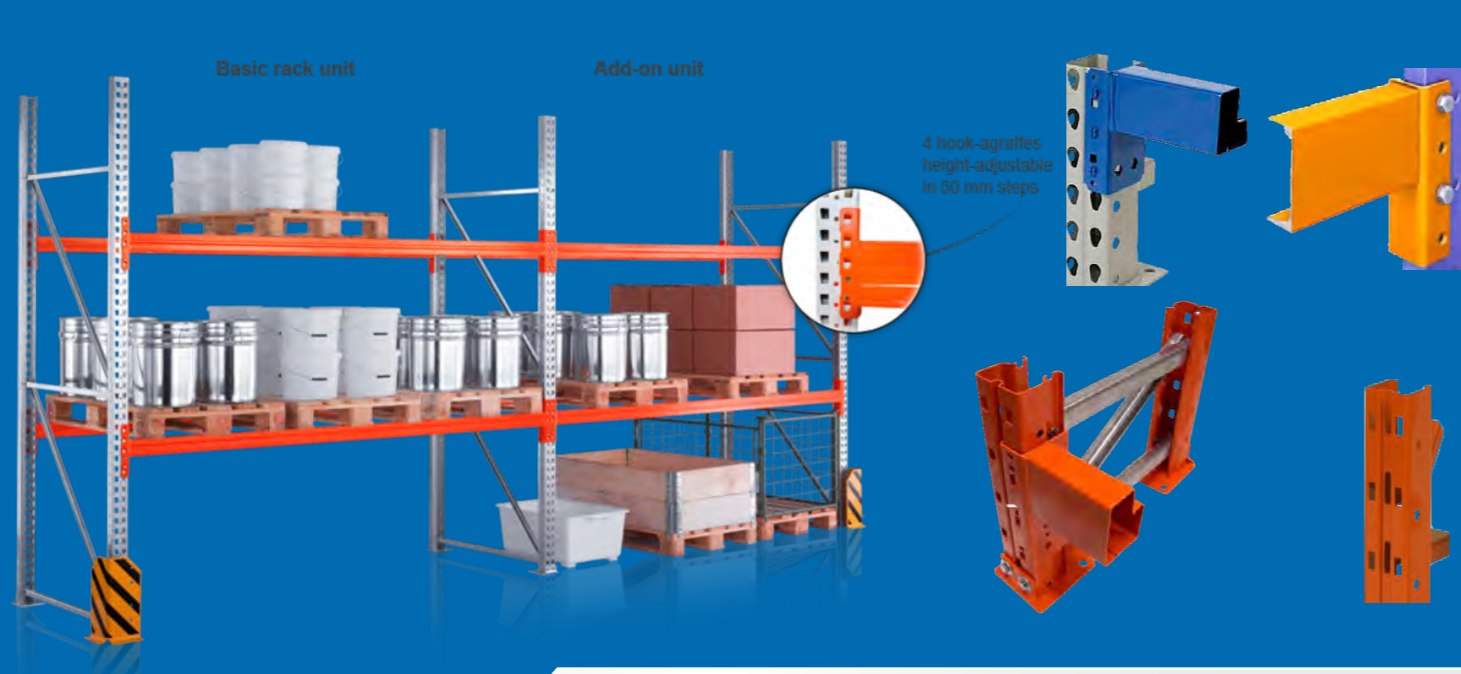
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MHE'S

Instrumentum Group covers full range of conventional, mechanical and automat-ed material handling systems. We help our clients implement the best possible solution for their warehouse through evaluation and selecting the right equip-ment, according to their specifications. For clients with low budget Instrumentum Group has an alternative that can provide refurbished or used machines, plastic pallets, bins, batteries, and racking systems with well track maintained record.

Prefabricated Steel W .BLDG

Warehouse Steel building are very useful for industrial warehouses to accommo-date racking systems and to utilize the space efficiently. Our experts can pre-prepare a feasibility study of the material required along with the cost to construct the building. Moreover, we can provide consulting in the design stage of the steel structure of the building to ensure strength and viability by conducting structural analysis of the beams and columns. We work along with the best suppliers of steel in North America to ensure the supreme quality product.



Obtain optimal use of floor space – get the most out of storage volume

WAREHOUSE RACKING SYSTEMS

The Best Solutions for your Business and Budget

Pallet Racking systems are the most efficient way of storage in many distribution centers and warehouses. A good warehouse racking system can cut down the overall cost of handling equipment and save time.

Instrumentum group can provide new or used racking system with the most economical prices; this sets us apart from our competitors. We have many options to assist our customers for storage solutions whether they require racking system for a small facility or a very complex multilevel warehouse.

Our design engineers convey the best solution to consumers by understanding their requirements, according to their site specific warehouse system. In addition, they can provide the racking solution based on products that either requires a FIFO (First in First Out) or LIFO (Last in First Out).

Our additional services include a feasibility report that uses a mathematical model to predict the endurance of the rack for current and future environment.

TYPES OF RACKING SYSTEMS

- Standard Pallet Racking
- Drive-In Pallet Racking
- Gravity Flow Pallet Racking
- High Density Racking
- Double Deep Racking
- Push-Back Pallet Racking
- Mezzanine Racking
- Mobile Pallet Racking
- Cantilever Racking
- Gondola Racking
- Light Shelving
- Heavy Duty Shelving
- Carton Flow
- Pallet Runner
- Roller Rack System
- Shuttle Type Rack System



Multi-Tier Rack



Shelf Rack



High Bay VNA Rack



Drive IN Rack



Cantilever Rack



Steel Pallets



STORAGE EQUIPMENT MANUFACTURE CO., LTD.

Our manufacturer was founded in 1998, which manufactures professional storage shelves. In the last 20 years, the company's outstanding achievement in engineering application has moved it to the forefront of industry. The company has passed ISO9001:2008 Quality Management System Certification and ISO14001:2004 Environmental Management System Certification, and they are a proud member of MHI and RMI of the USA. Manufacturer obtained a number of technology patents, and has been involved in the drafting and formulation of many national standards.

After 20 years of unremitting effort, the range of manufacturer products now includes: *Automatic Storage & Retrieval System(AS/RS) Rack, Shuttle Rack, Multi-tier Rack, Shelf Rack, Selective Pallet Rack, Drive-in Rack, Live Storage Rack, Push Back Rack and Canti-lever Rack, etc.*

Manufacturer is capable of producing more than 60 profiles formed by 18 rolling lines, which can fully satisfy all kinds of customer requirements. They manufacturing line incorporate multiple automatic beam welding equipment, joint welding robots and automatic spot welding to improve the welding quality and efficiency.



Tear Drop Pallet Rack



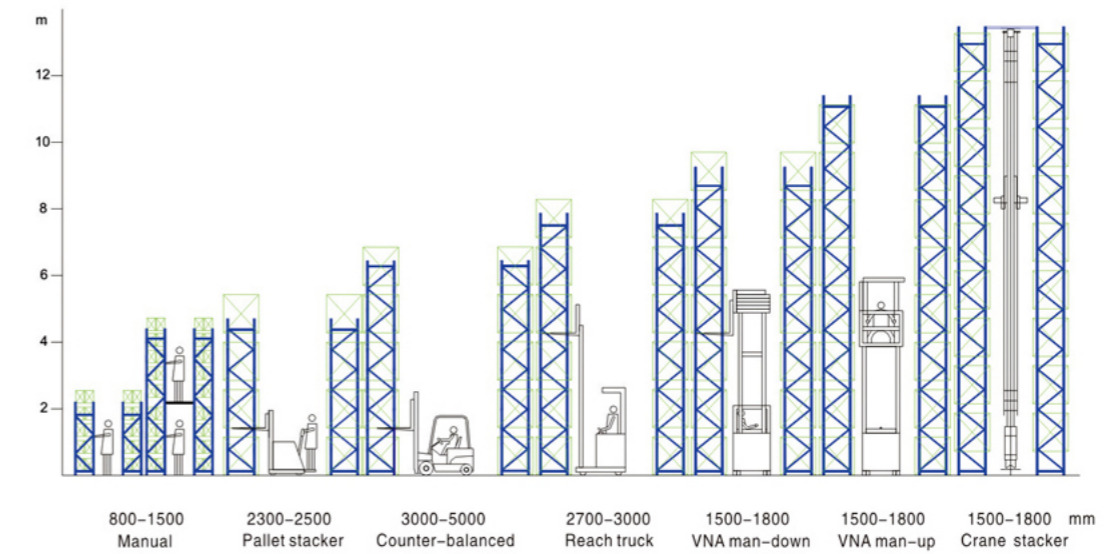
Mobile Rack



Mini-Load Type Rack

TYPICAL SPECIALITY OF RACKING

- Scientific designing and the high quality steel ensure racks safety and credibility.
- High quality powder coating make the surface treatment stable & smooth.
- Serial upright and beam sections meet different applications.
- Mounted by connector and bolt, easy to adjust and assemble.



Operating Tool	Manual	Pallet Stacker	Counter-balance Forklift	Reach Truck	VNA Forklift	Crane Stacker
Aisle width(mm)	800-1500	2300-2500	3000-5000	2700-3000	1500-1800	1300-1800
Racking Height(mm)	2500(5000)	5000	7000	9000	12000	24000
Racking System	Shelf, Multi-tier, Flow Rack, Cantilever Rack	Pallet Racking, Drive-in Racking	Pallet Racking, Drive-in Racking	Pallet Racking, Drive-in Racking	Pallet Racking	Pallet Racking, Cantilever Racking

Remarks: or reference only, detail design will be based on the application.

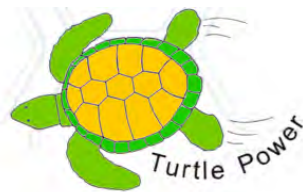


RackPro is a cost effective, easy to install protector for pallet racking up-rights against expensive and potentially life threatening structural damage. It is a highly visible upright protector with an innovative design that has been drawn from the requirements of FEM 10.2.02 for impact loads and protection for pallet upright racking.

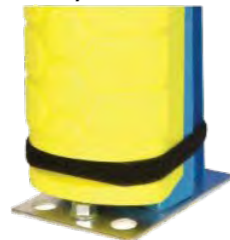
FEM 10.2.02 draws the distinction between protection for uprights at the end of racks between cross aisles and gangway intersections which require protection from any direction as compared with inter-mediate uprights that require protection in a direction normal to the aisle.

FEATURES

- Very Tough, impact resistant, and round outer shell
- Resilient inner shock absorbing pad
- Simple clipping system to ensure fast installation at low cost
- Flexible, strong and very easy to remove
- 500 mm high standard height
- Outer shell and absorbing pad stable down to -30°C
- Does not require to fix to the floor
- The slim fit design means there is absolute minimum bay and aisle intrusion so as not to reduce any safe working clearances



Tough polyethylene rounded outer shell designed to deflect impact, and Resilient inner rubber shock absorber to spread the impact load.



RackPro is really simple to install by one person, without tools. No need to drill into the floor or the rack upright to make this protection product work properly.



High fluorescent colour gives operators notice of frame locations and thereby reduces probability of impact.

WAREHOUSE HANDLING EQUIPMENT

We are Pioneers of Providing Solutions for Storage and Material Handling Systems for any type of warehouse.

The following are the wide range of equipment we can provide :

EQUIPMENT

- Hydraulic Pallet Trucks
- Battery Operated Stackers
- Electric Counterbalanced Forklifts
- Combustion Counterbalanced Forklifts
- Narrow Aisle Turret Truck
- Machinery Movers & Rollers
- Lift Tables & Skid Lifts
- Floor Cranes
- Tow Tractors
- Dollies
- Batteries
- Barcode Scanners
- Printer and Labelers
- Wood/Plastic/Steel Pallets
- Bin and Systems
- Steel Shelving/Wire Shelving
- Wire Louvered Panels





ELECTRIC FORKLIFT TRUCK MANUFACTURER

Zowell is a self-owned brand that is part of Suzhou Pioneer Material Handling Equipment & Technology Co. which focuses on the research and development, and production of material transporting equipment.

Zowell has over 15 years of industry experience manufacturing 6 series of products, which includes: *electric counterbalance forklift trucks, electric reach truck, electric reach stacker, electric power pallet jack trucks, electric lift stacker, and electric tuggers.*

Zowell strictly adhere to ISO9001 quality management system standards as well as other industrial certification requirements to ensure all equipment meets international safety and performance standards. Zowell tests every equipment to determine whether it meets the requirements of the order prior to delivery. In addition, they adjust the moving speed of the truck to ensure the safety of the operator and the goods within. Last but not least, they check if the max lifting height of the gantry mounting is within the standard range and test the truck's ability to operate in a rigorous environment.



Electric Counterbalance Forklift Trucks



Electric Lift Stacker



Electric Reach Truck



Electric Tugger's

STEEL WAREHOUSE BUILDING

We can help you build a robust and adaptable steel warehouse building that can withstand the harshest climate. Our special prefabricated layout design is not only best for industrial warehouses, but also it's suitable for agricultural metal barns, and storage sheds.

Benefits

1. The outstanding quality of steel allows metal buildings to endure the harshest elements such as fire resistant and moisture damage.
2. Steel warehouse buildings are prefabricated that can accommodate multiple stories or large structures, with the flexibility of column-free interiors.
3. The inside walls are customizable and they can be easily moved and rearranged according to the specification.
4. The prefabricated buildings can provide a cost-effective option for a wide range of buildings such as industrial warehouse and commercial buildings.
5. To provide the best service to our clients we work with the best prefabricated metal buildings suppliers.

TYPES OF FRAMES



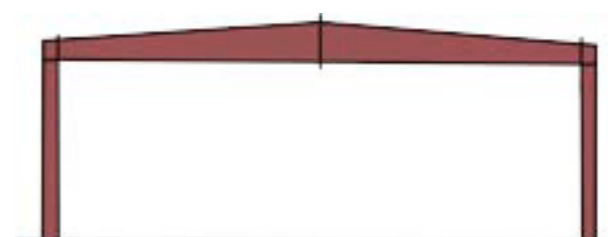
Multiple Span Straight Column



Multiple Span Tapered Column



Clear Span Tapered Column



Clear Span Straight Column



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