



📍 **Factory and Head Office**

SF No. 49, Annur Road, Arasur Post,
Coimbatore - 641 407, India.

Who we are

At SIEGER, we combine cutting-edge engineering with technological innovation. With over 30 years of expertise in automation, we have become a trusted engineering company, known for fostering strong, long-lasting customer relationships. Our divisions are Textile Machinery, Car Parking Systems, and Automated Storage all aimed at delivering tailored solutions that add real value to our customers. Based at Coimbatore, SIEGER operates a 2,00,000+ square-feet state-of-the-art manufacturing facility. With presence across India and an expanding global reach, we are dedicated to providing world-class automation solutions that meet the highest standards of quality and efficiency.

50+
Installations

30+
Years of Automation

600+
Employees



Infrastructure

The factory operates entirely paperless, ensuring a streamlined process. This advanced setup not only eliminates the need for physical paperwork but also enhances accuracy and efficiency across all production stages. Sieger is equipped with a wide range of specialized machines designed to manufacture components with the highest precision. These advanced machines deliver high-precision components, ensuring superior quality and durability in every product. All components are bar-coded for seamless process flow management and machined with precision to uphold superior quality standards. Complementing this, our advanced SIEGER Powder Coating and Liquid Painting systems ensure impeccable finishing for every product.



Other Divisions



Textile Machinery Division



Car Parking Systems



Research and Development Team

01

Sieger is **ISO 9001:2015, ISO 45001:2018, ISO 14001:2015** certified company

02

All our products are **CE Certified** and meets highest quality standards

03

Using latest **PDM software**, we ensure precise designs & efficient management

04

Our R&D is recognized by the **Government of India** and holds a **DSIR certification**

05

We develop IoT-enabled software and manufacture electrical panels entirely **in-house** for seamless integration and reliability

06

Our R&D team collaborates closely with customers and manufacturing to deliver world-class products that align with client needs

07

Our in-house team comprises **50+ mechanical design engineers** and **25+ software engineers**, ensuring innovative and tailored solutions



Installation & Service Team

We have 35+ dedicated engineers in our CRM team installing textile machinery systems across global, backed by 24x7 support. Our commitment ensures routine maintenance, longevity, and optimal performance for your automation system

Digitalize Your Warehouse

with Sieger ASTOR



Digitizing your warehouse is the first step towards unlocking operational excellence and business growth. Sieger's Astor Warehouse Management System (WMS) transforms traditional storage facilities into smart, connected hubs of efficiency. By integrating advanced automation with real-time data insights, our WMS streamlines inventory tracking, optimizes processes, and empowers businesses to make informed decisions. Whether you operate a compact warehouse or a sprawling distribution center, digitization with Sieger Astor WMS ensures reduced errors, improved productivity, and scalability to meet evolving demands.



Advantages

Real-Time Updates

Automatically updates the balance material and its location after order processing

Stock Alerts

Alerts for the materials below minimum stock levels help the production team plan refills proactively

Random Inspection Support

Easily retrieve and re-store pallets for buyer inspections.

Detailed Reports

Generate ageing reports, idle stock lists, Day/month-wise material IN/OUT data for better decision-making.

E-Commerce Integration

Connects with your online platform to display live stock availability, enabling customers to place orders without manual intervention.

Enhanced Visibility

Display identifies the empty locations for efficient space utilization



Streamlined Storage Process

- **Pallet Loading**
Pallets are loaded onto the Inventory Control Station (ICS)
- **Profile Verification**
ICS checks pallet profile, weight, and scans barcodes for details
- **Real-Time Updates**
Storage data is instantly updated in the Ware House System
- **Automated Storage**
Pallets move via RGV and conveyors, are picked by ASRS, and stored in the nearest location

Efficient Retrieval Process

- **WMS Retrieval Request**
The ASRS moves to the specified location, fetching the exact pallet with precision.
- **Pallet Delivery**
Pallets are transported via conveyor and RGV to the ICS for further processing.
- **Data Synchronization**
WMS updates retrieval data in real-time.

Key Features

Improved Accuracy

Ensures precise storage, retrieval, & inventory tracking

Enhanced Insights

Provides actionable reports like stock ageing, idle materials & usage trends

Scalability

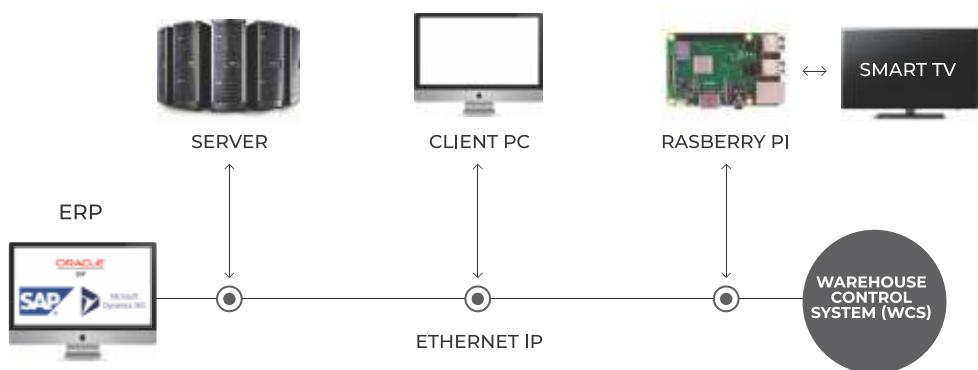
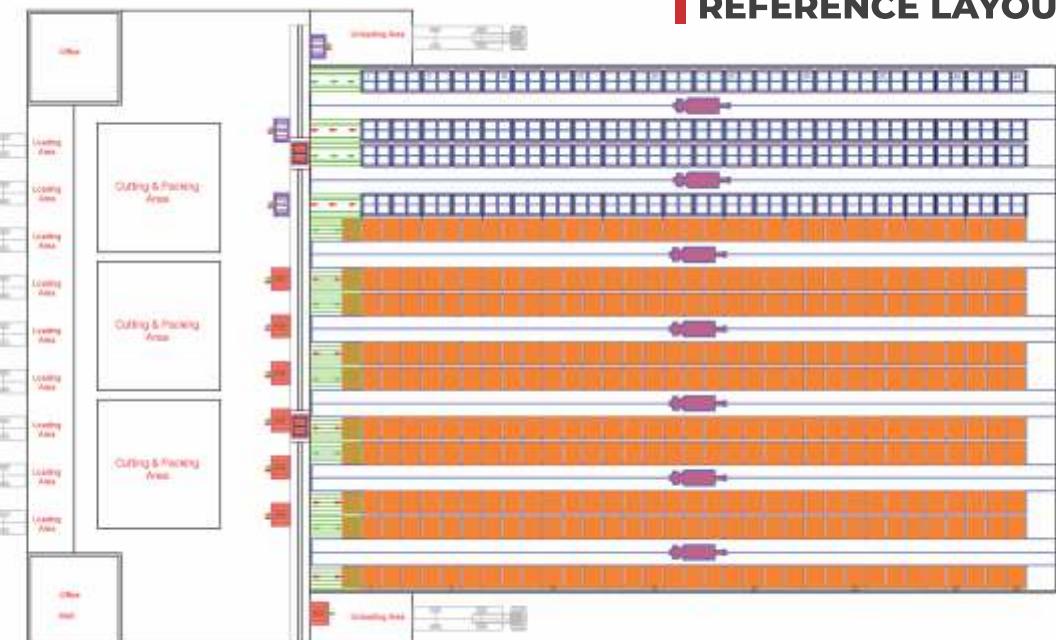
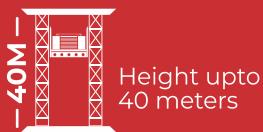
Adapts to growing operational needs with ease

Automation

Eliminates manual intervention in order placement, stock updates, & material handling

Operational Efficiency

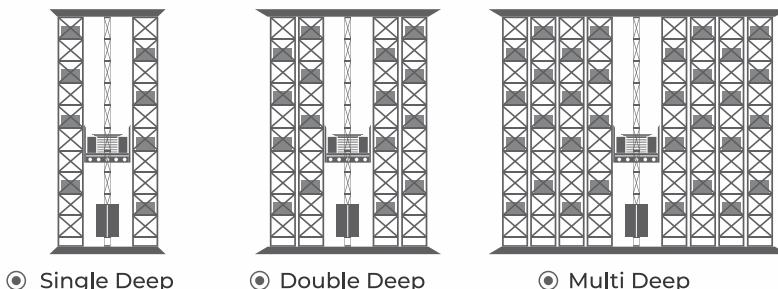
Optimizes storage density and space utilization while increased speed





Automated Storage & Retrieval Systems (AS/RS)

The Automated Storage & Retrieval System is designed with a dual mast for maximum stability even at high through-put rates. Our unique design ensures a cradle like mechanism that facilitates smooth and safe operation even for extremely heavy loads at high speeds



Our system is designed for single-deep, double-deep and multi-deep storage retrieval to make maximum utilization of the available space



Shuttle System

Highly efficient for batch picking and large-scale operations



Fork System

Perfect for simple layouts with quick retrieval of individual items

Industries Benefiting from AS/RS



Textile, Fabric & Garments handling



General Engineering



Pharmaceutical & Healthcare



Breweries & Distilleries



Food & Cold Storage



Chemicals



Tyres



FMCG



Paints



Ceramics & Tiles

Why Astor for Your Warehouse?



01

Automate Your Warehouse without Additional Capital Investment

An ASRS in a rack-clad building offers the same investment cost as conventional storage solutions while delivering significant added value through integrated automation & digitization. This transformative approach positions your warehouse for the future, enabling enhanced efficiency and productivity. Most importantly, it provides immediate payback from the very first day of commissioning

02

Eliminate Costly Warehouse Expansions

Maximize storage capacity by up to 8 times without expanding your facility footprint by leveraging unused vertical airspace. Enhance operational efficiency by eliminating forklift aisles, thereby optimizing space utilization for streamlined and productive operations

03

Reduce Warehouse Operational Expenses by Up to 90%

Automate inventory handling with ASRS to replace manual processes, ensuring precision and efficiency in operations. Benefit from energy-efficient systems that consume power only when and where required. Achieve error-free performance with no misplaced items, overstocking, or understocking, while ensuring rapid access to production inputs and ready inventory for seamless dispatch

04

Enable Smarter Stocking Decisions

Leverage data-driven insights to identify slow-moving or overstocked inventory, track consumption patterns, and anticipate seasonal trends. Automate stock replenishment based on predefined thresholds or real-time demand while optimizing storage locations according to movement frequency. Access real-time data for instant updates on material availability and pending orders, complemented by proactive alerts to promptly flag discrepancies in inventory records for enhanced accuracy and control

05

Secure Your Inventory (Working Capital)

Ensure enhanced security by preventing unauthorized handling of high-value inventory and eliminating misplaced or unaccounted-for items. Safeguard inventory quality and quantity with robust quality control measures, while seamlessly generating regulatory compliance reports. Benefit from automated audit logs and end-to-end traceability for comprehensive surveillance and prevention of inventory loss. Additionally, integrate seamlessly with ERP systems for unified and efficient inventory management

Transform your Warehouse today with our ASTOR and stay ahead of the curve!

Rack-Clad Warehouse



Racks are the fundamental building blocks of efficient warehouse storage systems. At Sieger Astor, we provide advanced Rack-Clad Structures that not only serve as storage solutions but also form an integral part of the building structure itself



Site Location



Foundation / Floor



Racks Installation



Racks Installation



Racks After Installation



Racks After Installation



Rack Cladding



Rack Cladding



Rack Clad Structure View

Astor for Individual Fabric Roll Storage



SIEGER ASTOR provides robust ASRS solutions specifically designed for efficient handling of large and heavy fabric rolls



Features

E-Commerce Ready

Supports rapid order fulfillment for e-commerce platforms

Hybrid System (Optional)

Customizable to manage both individual rolls and pallets

ERP Integration

Our WMS software is compatible with industry-standard platforms like Oracle and SAP

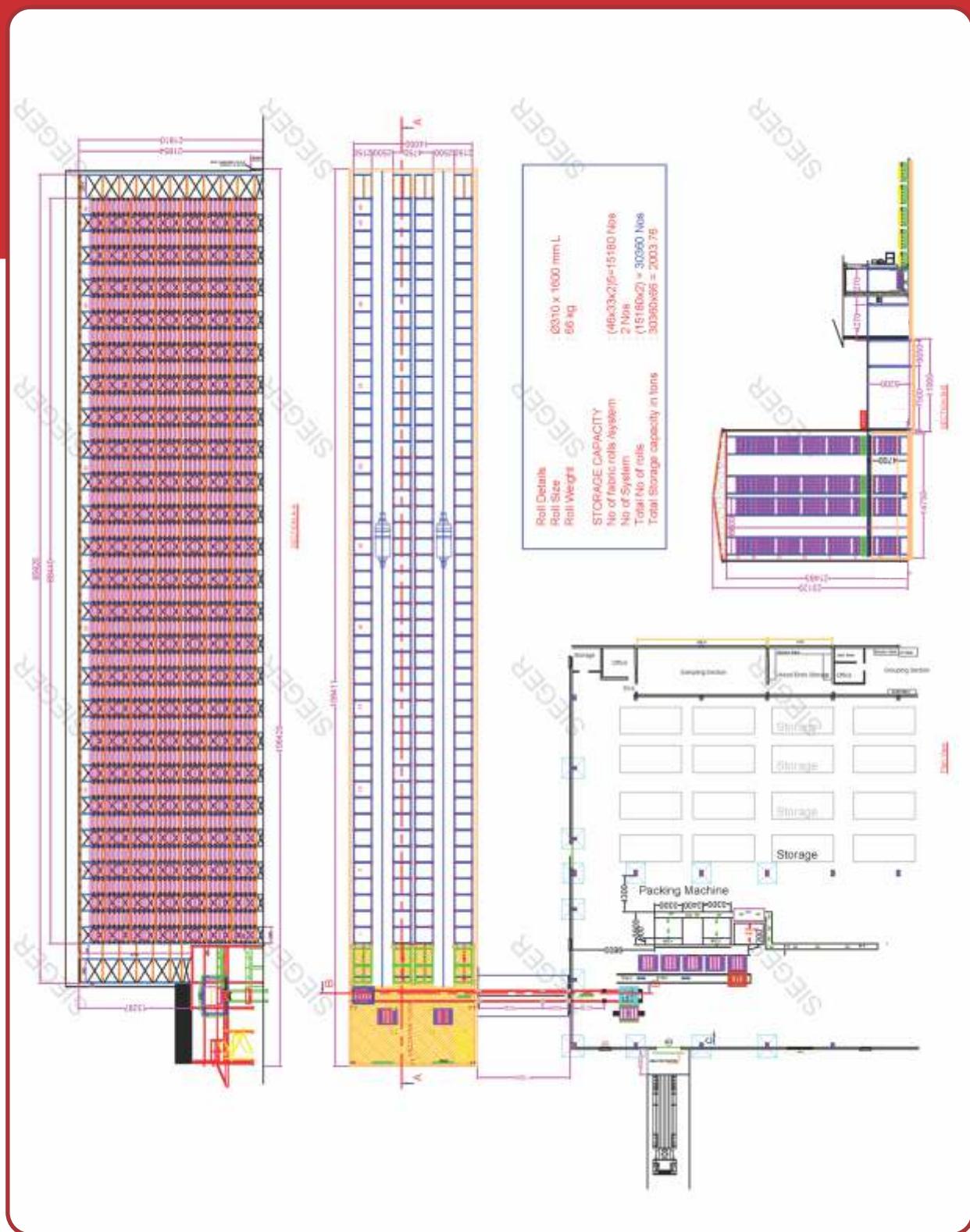
Individual Rolls

Handles rolls up to 1500 mm in diameter, 1.6 tons in weight, and 3800 mm in length

Intralogistics Automation

Seamlessly integrates with Rail Guided Vehicles or Automated Guided Vehicles

Reference Layout



Astor for FG Box Storage



Automated Storage and Retrieval System (ASRS) integrated with a Warehouse Management System (WMS) can revolutionize the storage and management of finished goods in a textile mill



Features

Quarantine Zones

WMS can allocate and manage separate storage areas for quality checks

Order Consolidation

WMS organizes goods based on shipping for streamlined order dispatch

Inventory rotation

WMS can enforce First-In-First-Out (FIFO) or Last-In-First-Out (LIFO) practices for accelerated inventory turnover and more responsive supply chain performance

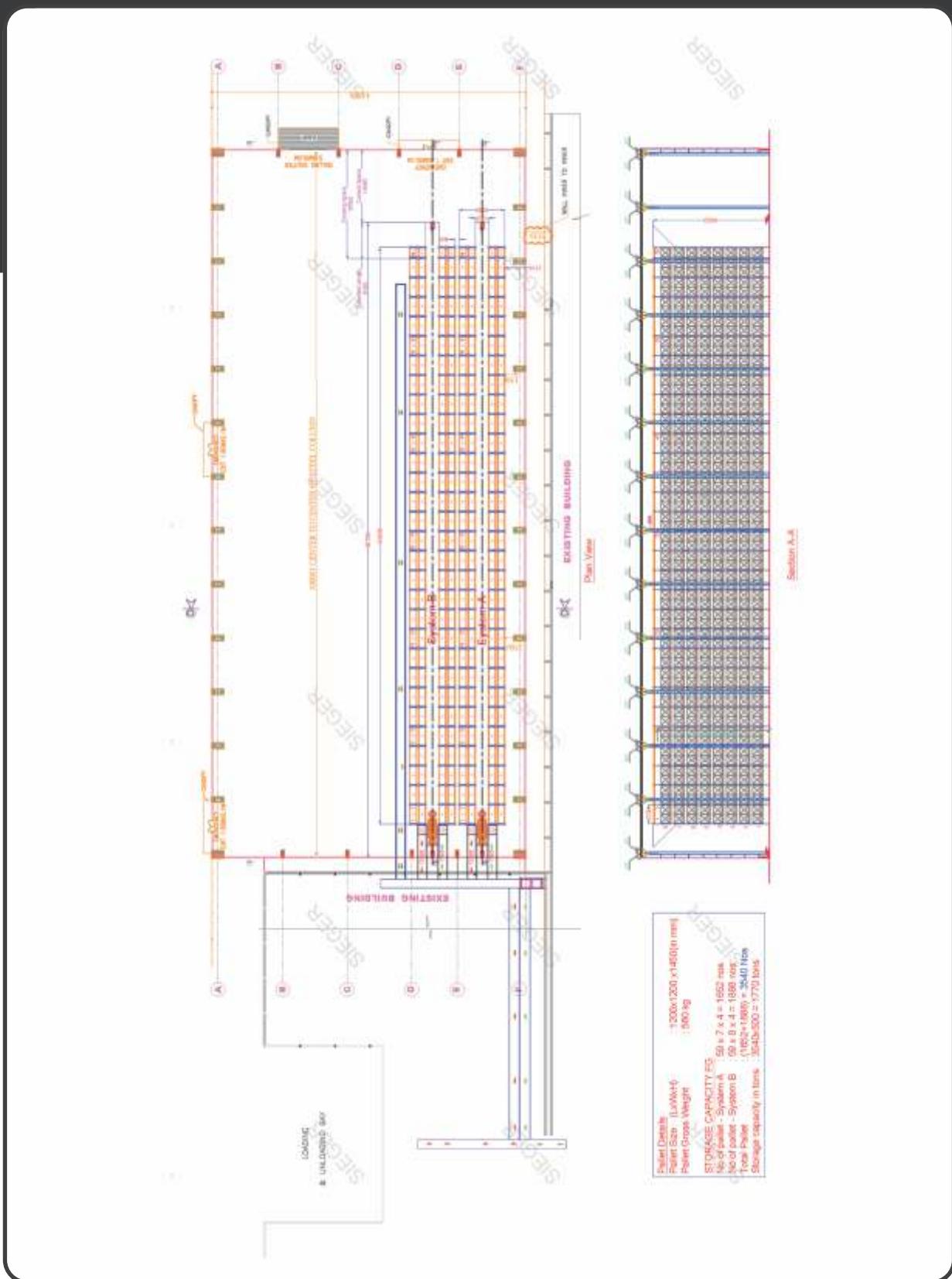
Cash flow predictability

Aligning production and delivery schedules with payment terms will help in prudent financial management and better credit control

Real-time inventory visibility

Your customer's can get live updates on stock availability, and order readiness, enhancing transparency and improving customer satisfaction

Reference Layout



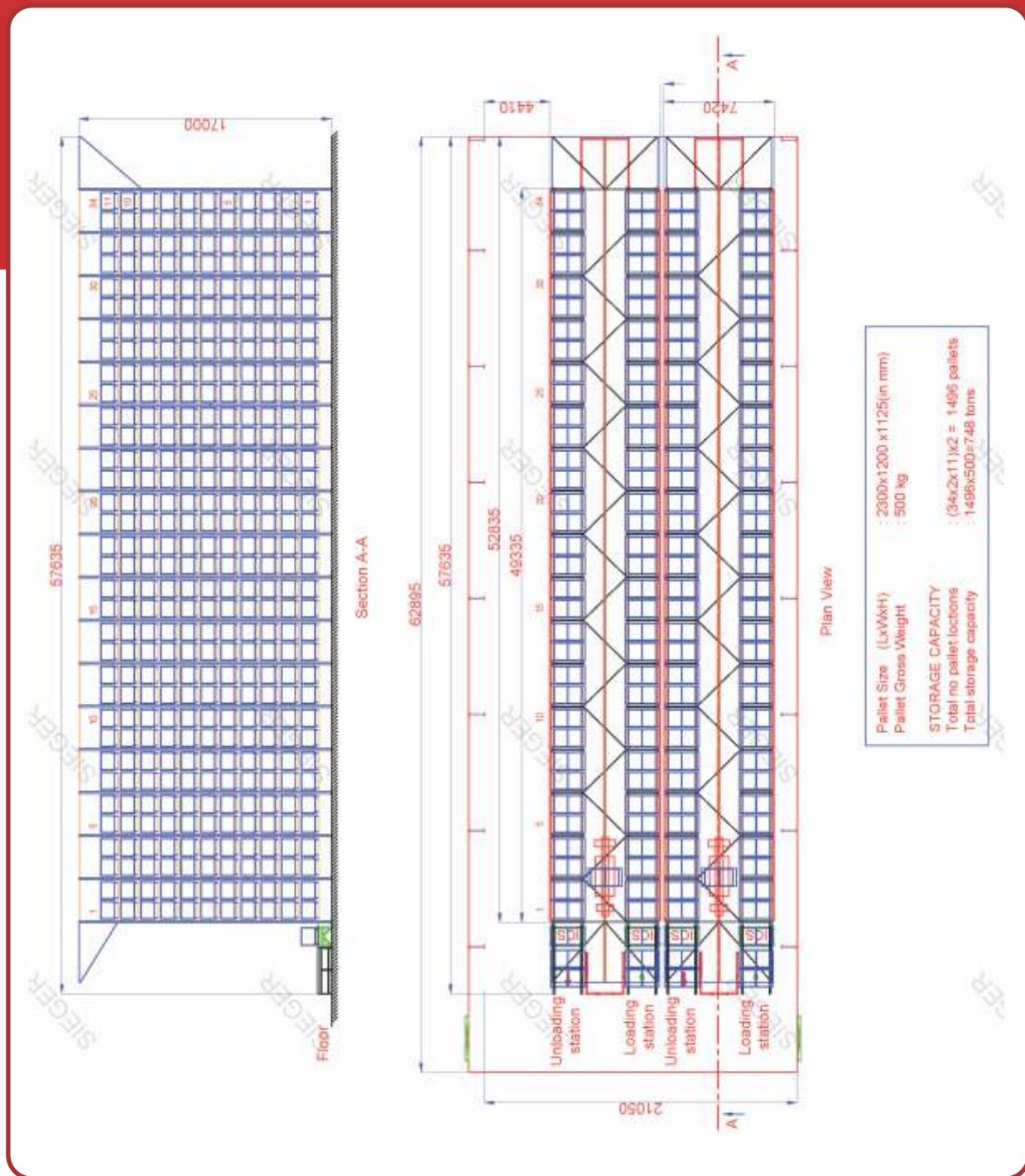
Astor for Fabric Roll in Pallets



ASRS integrated with WMS for fabric roll storage in pallets is a modern inventory management solution that enhances efficiency, traceability, and space utilization. It is ideal for textile manufacturers aiming to build resilient operations, ensuring faster retrieval, reduced errors, and real-time inventory visibility to meet dynamic market demands effectively.



Reference Layout



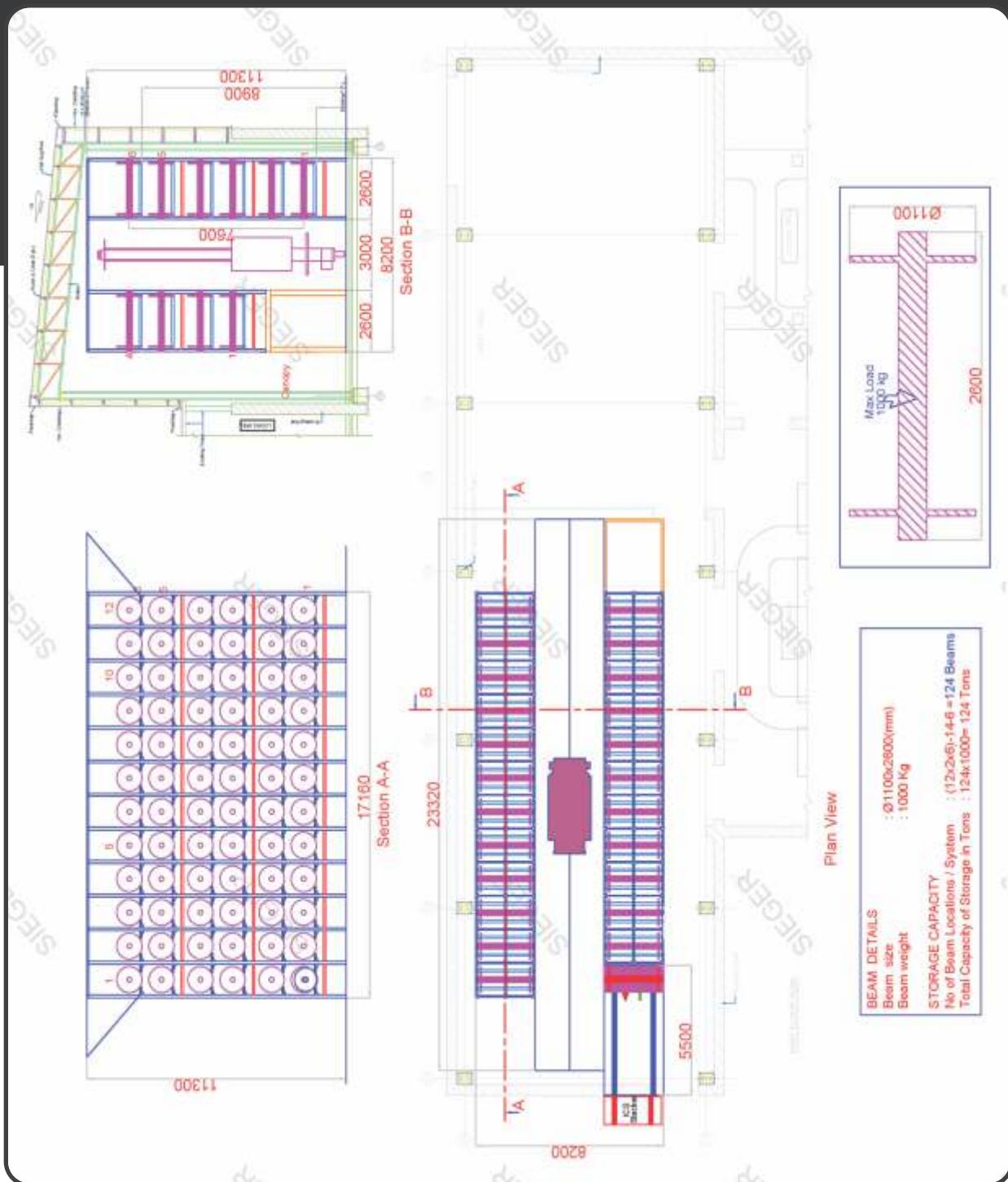
Astor for Beam Storage



With ASRS integrated with WMS, weaving mills can achieve safer, faster, and more organized storage of weaver's beams. This modern solution enhances productivity, minimizes manual handling, reduces operational costs, and ensures seamless inventory management for improved production efficiency



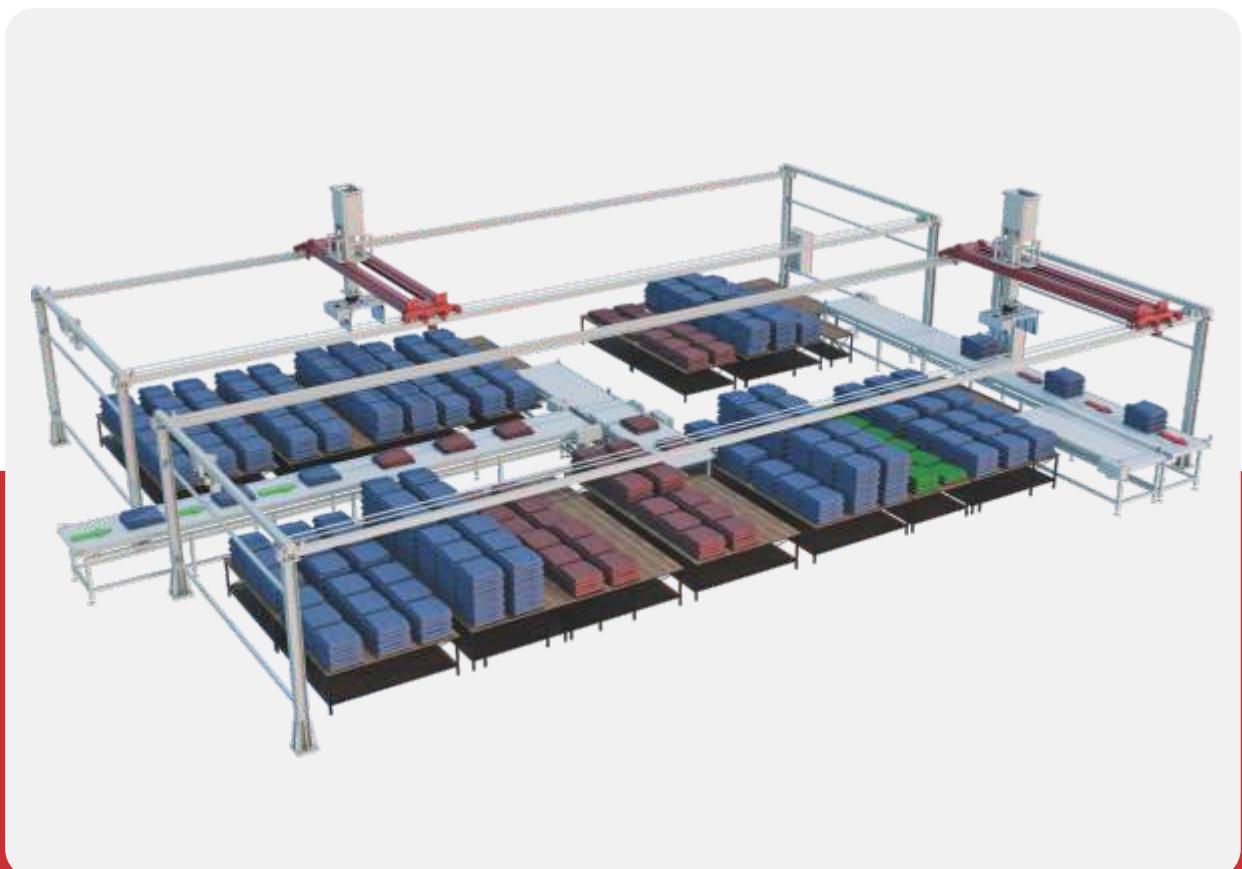
Reference Layout



Astor for E-commerce Storage



ASRS with WMS is highly effective for managing kitting storage solutions in e-commerce



Features

Timely Deliveries

Faster kitting & retrieval ensure orders are dispatched quickly

Pre-Sorted Storage

WMS organizes kit components by usage frequency, or assembly workflow for quick access

Component Level Visibility

WMS tracks each component's stock, preventing shortages or overstocking

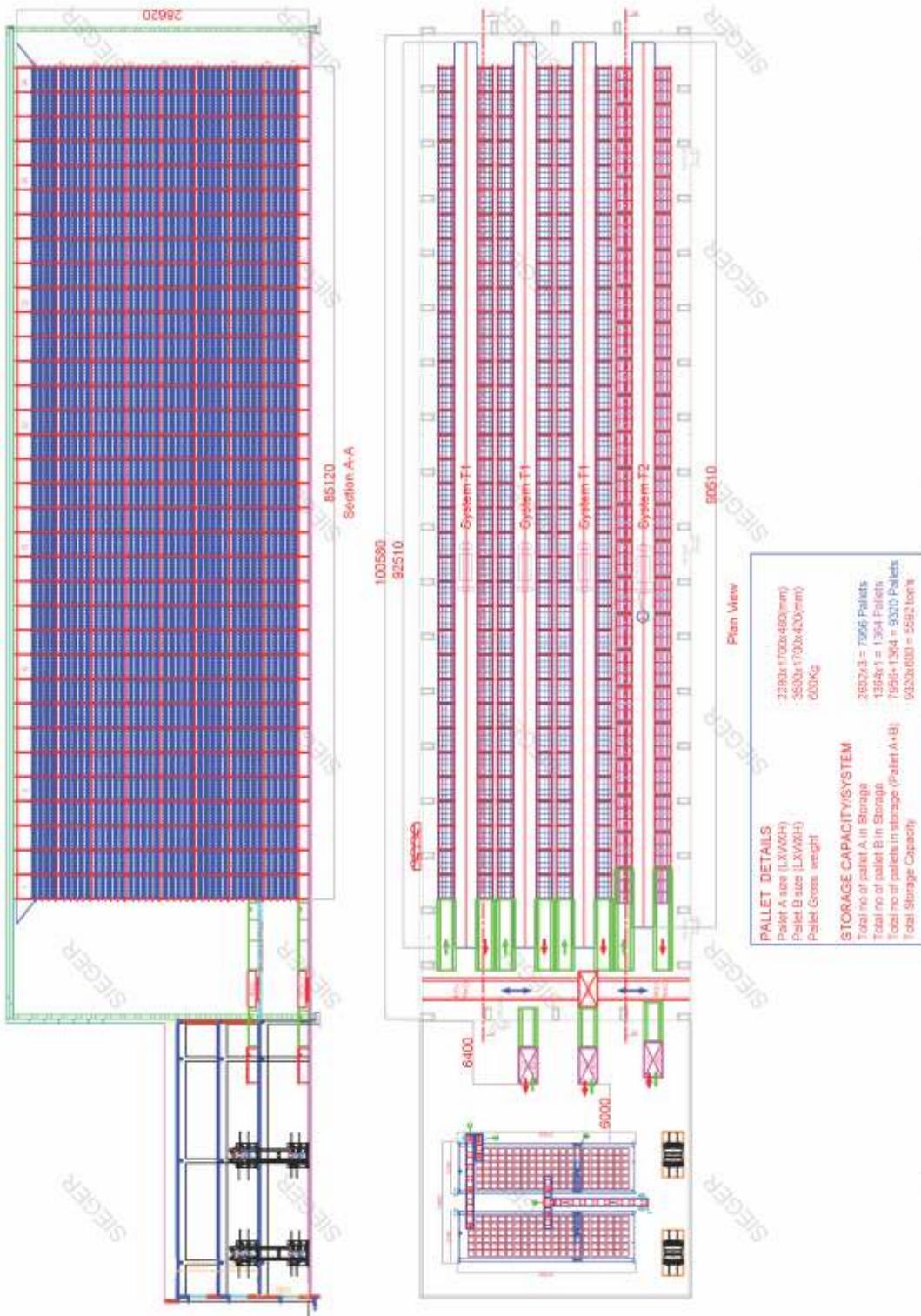
On-Demand Kits

Supports in creating kits dynamically based on real-time orders, reducing pre-assembled kit storage requirements

Efficient Reverse Logistics

Streamline the return of kit components or re-stocking of incomplete kits, reducing errors and processing time

Reference Layout



Intralogistics



In today's fast-paced industrial landscape, intralogistics plays a critical role in connecting every stage of the supply chain, ensuring seamless movement, storage, and management of goods within warehouses and production facilities. Sieger Astor's Intralogistics Solutions are designed to streamline internal material handling processes, boost productivity, and reduce operational inefficiencies.

With advanced technologies and intelligent automation, Sieger Astor delivers integrated conveyor systems that enhance the flow of materials and goods, enabling businesses to meet the demands of modern logistics and stay competitive in an evolving marketplace.



Rail Guided Vehicle

Rail based vehicles for high-speed, high-capacity material transport

- Suitable for long distance transfers
- Ensures reliability with reduced operational downtime
- Compatible with Automated Storage and Retrieval Systems (AS/RS)



Chain Conveyor

Durable systems for moving heavy and bulky loads efficiently

- Handles pallets & industrial materials
- Customizable to fit unique operational requirements
- Ensures smooth and consistent material flow

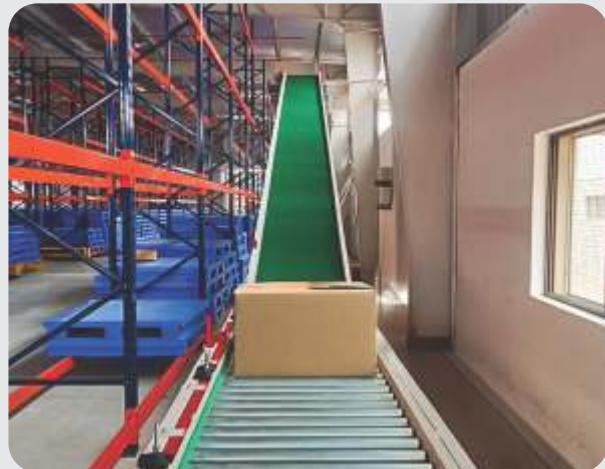




Roller Conveying System

Versatile conveyors for handling a variety of materials

- Modular construction for easy scalability
- Energy efficient designs for long term cost savings
- Excellent for sorting, accumulating, and transporting goods



Belt Conveyor

Flexible systems designed for light to medium weight material handling

- Low maintenance with durable construction
- Adjustable speed and incline for versatile applications
- Smooth and continuous operation for fragile goods



Buffer System

Intermediate storage solutions for managing high throughput operations

- Ensures smooth flow between processes
- Minimizes bottlenecks and operational delays
- Tailored to specific throughput and storage requirements



Lifting System

Vertical movement systems for transporting goods across multiple levels

- Compact design for space efficiency
- Ensures safe and reliable lifting of heavy loads
- Integrates seamlessly with other interlogistics systems



Turn Table

Advanced rotation systems for changing the direction of goods flow

- Enhances flexibility in space-constrained layouts
- Precise and smooth operation for efficient handling
- Supports integration with conveyor and lifting systems



Automated Guided Vehicle

Autonomous vehicles designed for precise & efficient transportation of materials within warehouses

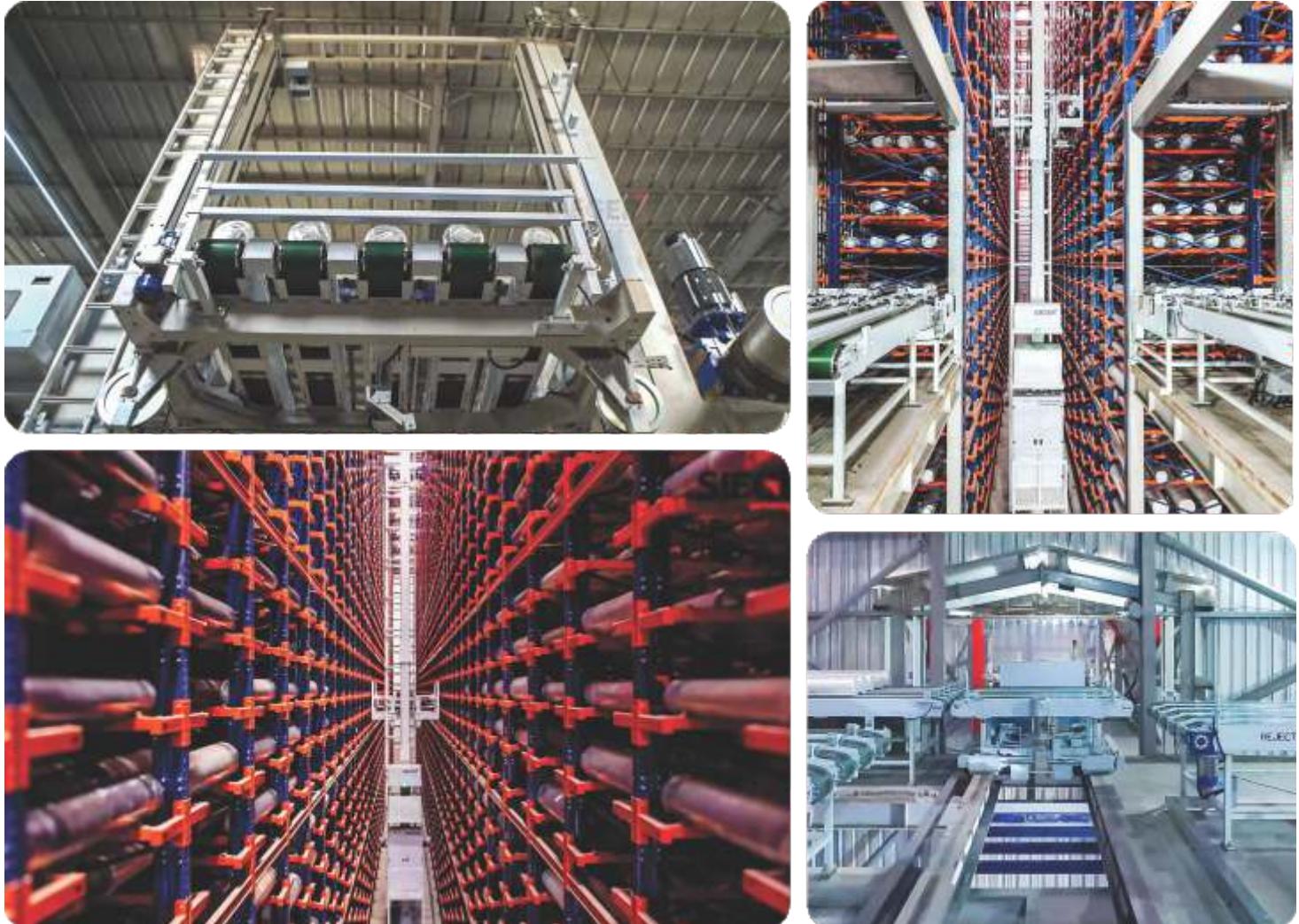
- Navigation through sensors and software
- Ideal for repetitive tasks with high accuracy
- Enhances flexibility in dynamic operational environments



Reference Projects

Individual Fabric Roll Storage with ASRS

- 2 Systems interconnecting overhead RGVs with factory building
- System can store upto 30,300+ Rolls (Upto 100 Kg Per Roll)
- 30,300+ Rolls can be stored (Upto 100 Kg Per Roll)
- ASRS Telescopic Fork can handle 5 rolls at the same time
- WMS Integrated with ERP



Fabric Roll & Pallet Storage with ASRS

- Hybrid ASRS with fork to handle both individual rolls & pallets
- 2 Systems interconnecting factory building and lorry bay with RGVs
- System has a capacity of 2,000+ Fabric Rolls and 330+ pallets per system.
- WMS Integrated with ERP



FC Box Storage with ASRS

- ASRS with fork for handling box pallets
- 2 systems interconnecting Lorry Bay with 2 pallet RGV
- System can store 3,500+ Pallets (upto 500 kg per pallet)
- WMS Integrated with ERP



Fabric Roll in Pallet Form Storage with ASRS

- ▶ ASRS with fork for handling fabric pallets
- ▶ 5 ASRS Systems installed at 4 units
- ▶ WMS Integrated with ERP
- ▶ System can store 3,750+ Pallets (upto 600 kg per pallet)



RM Box Storage System with ASRS

- ▶ ASRS with double deep fork type for Box Pallet Storage
- ▶ WMS Integrated with ERP
- ▶ Number of Systems - 1
- ▶ System can handle 330+ Pallets (upto 600 kg per pallet)



Reference Images

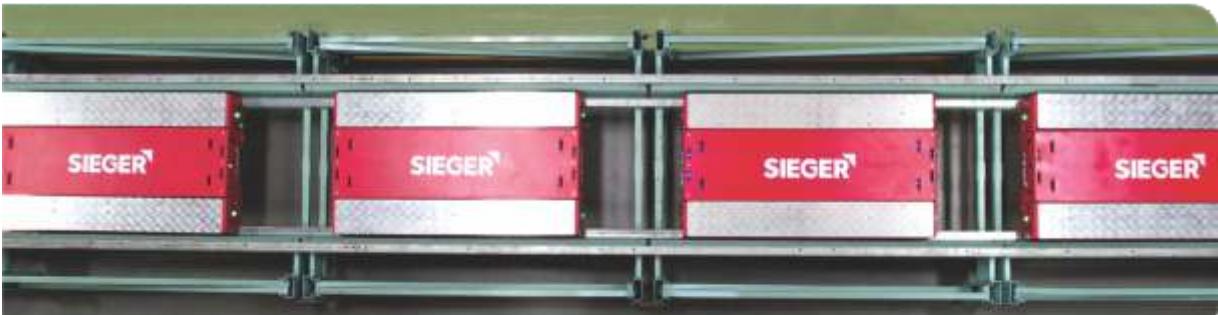


Sieger ASTOR

Bin Transfer System



Radio Shuttle System



Rail Guided Vehicle



Our Infrastructure



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