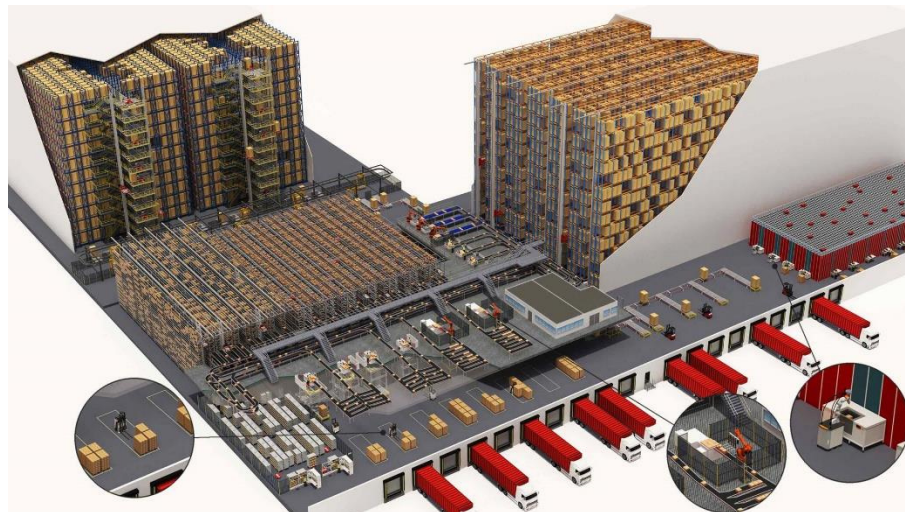


**WAREHOUSE AUTOMATION MANAGEMENT
SOFTWARE**

LIPS (Logistics Infrastructure Planning Solutions)



Our Logistics Infrastructure Planning Solutions are aimed at ensuring high efficiency warehouse operations are in place for you. We offer a wide range of solutions including Warehouse Systems & Operations Audit, Operations Simulation, Operation Re-Engineering, Green Field Warehouse Facility Design, Implementation Support & Project Management Services and Migration Support Services. Our Skills and Expertise not only assist you in the selection of the most suited mix of warehousing systems to meet your short term and long term performance requirements, but also provide a complete roadmap starting from Procurement Planning to Seamless Migration and Adoption of the new facility and operations.

Greenfield Facility Design



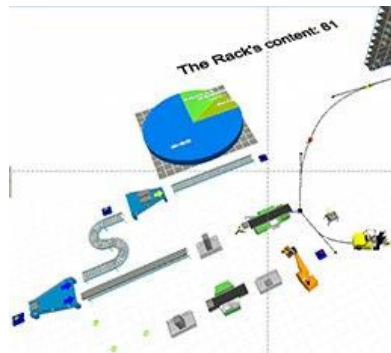
At GSS, we take ownership for developing the complete blueprint for the facility including the warehouse building details (such as Size, Gate Positions, Approach Roads etc) and Warehouse Infrastructure inside the facility (such as systems for Storage, Handling loading/ Unloading, Value Addition and Information Management). Besides developing solutions that cater to your short term and long term expectations of the facility, we prepare complete roadmap that guides you on each of the facility set up activities.

Infrastructure & Operations Audit



We understand that monitoring the health of your infrastructure and operations plays a key role in ensuring that your facility consistently serves as a high-performance environment. Timely Systems, Processes, and Infrastructure Audits performed by our expert team of Auditors enable you to maximise your facility's efficiency and identify areas where there is scope for improvement. The Audit Reports generated in the process could be of great importance when creating worker re-orientation programmes, during component replacement initiatives, and to reconfirm compliance with necessary regulatory and safety norms.

Operations Simulation



We undertake extensive simulations of your operations (warehouses or manufacturing facilities), and the solutions that you would be investing in, to provide you with a near-to-life understanding of the functioning and performance levels that your facility would have, even prior to actual

investment. Simulations are also extensively used to identify work balancing errors and bottleneck areas so that they may be pre-emptively dealt with in the most efficient manner.

Operations Re-engineering



Our Re-engineering services are applicable to Processes, Systems and Operations. This exercise can help unearth incremental benefits from your current Operations, enabling you to recover exponential mileage from past investments. During Re-engineering, we take special measures to ensure that the process is carried out with minimal or zero interruptions to your Operations, and that current resources are being utilised to the maximum possible extent.

Implementation Support & Project Management services



Successful implementation of a solution requires a high degree of knowledge and information transfer from the Solution Developer to the Execution Team. And depending on the type of solution, the project management activity would further assume varying levels of complexity. We take over the comprehensive management of your implementation programmes, beginning with solution briefing to Suppliers, to validation of Suppliers' techno-commercial bids, to commissioning support for various products and systems.

Migration Support Services



The efficiency and effectiveness of your migration activities will greatly influence your Return On Investment. Additionally, the change a dynamic organisation goes through at the time of solution development right up to completion of commissioning further complicates migration activities. We assist organisations in this process by developing and implementing an effective and efficient migration plan, an important part of which is to conduct training programmes so that your people remain updated and informed about the new facility in which they will be operating.

QUICK RESPONSE. QUICK SOLUTION. QUICK EXECUTION

BOLTLESS SHELVING

Contemporary bolt free modular shelving system for multiple light load applications



Upright Height (mm)	Panel Depth (mm)	Panel Width (mm)	Load/Shelf Upto (kg)
1895, 2195 & 2495	400	1300	150
	500		
	600		

**Cladded and non-cladded options are available

MOBISTACK NEO

Modern compact mobile shelving system for space optimization

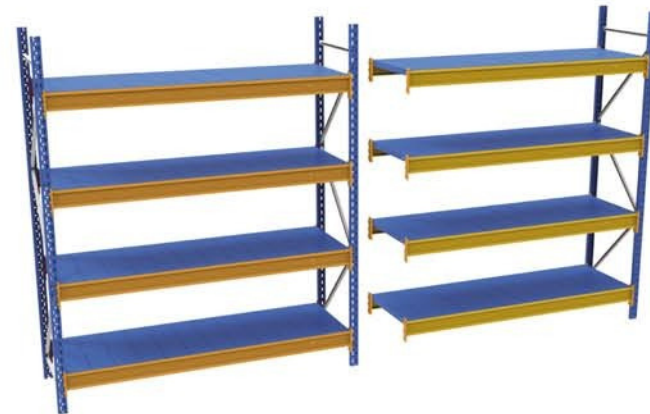


System Height (mm)	System config (mm)	System Depth (mm)	Load/Shelf Upto (kg)
2100 & 2400	LD2, LD3, LD2A	300	90 kg (300 deep)
		400	80 kg (400 deep)

LONGSPAN SHELVING

A versatile shelving system for storing long & odd size items.

Upright Height (mm)	Frame Depth (mm)	Beam Span (mm)	Load/Level Upto (kg)
2200, 2500, 2800 & 3200	600 & 900	1800	540
		2200	540
		2600	455



SELECTIVE PALLET RACKING

High rise racking system for storing palletized loads.

Upright Height (mm)	Frame Depth (mm)	Beam Span (mm)	Load/Level Upto (kg)
3300, 4400, 5400 & 6500	800 & 1000	2300	2000
		2700	3000
		1400	1000



** Additional accessories
Row guard | Column guard | Pallet stoppers

HEAVY DUTY SHELVING

Adaptable shelving system for heavy load applications.



Upright Height (mm)	Frame Depth (mm)	Beam Span (mm)	Load/Level Upto (kg)
2200 & 2800	800 & 1000	2300	1000
		2700	1000
		1400	500

MULTIFLEX SHELVING

Conventional slotted angle flexible shelving system.

System Height (mm)	Panel Width (mm)	Panel Depth (mm)	Load/Shelf Upto (kg)
1829 (6ft), 2134 (7ft) & 2438 (8ft)	905	371	100kg (371)
		448	140kg (448)
		600	125kg (600)

**Cladded and non-cladded options are available

