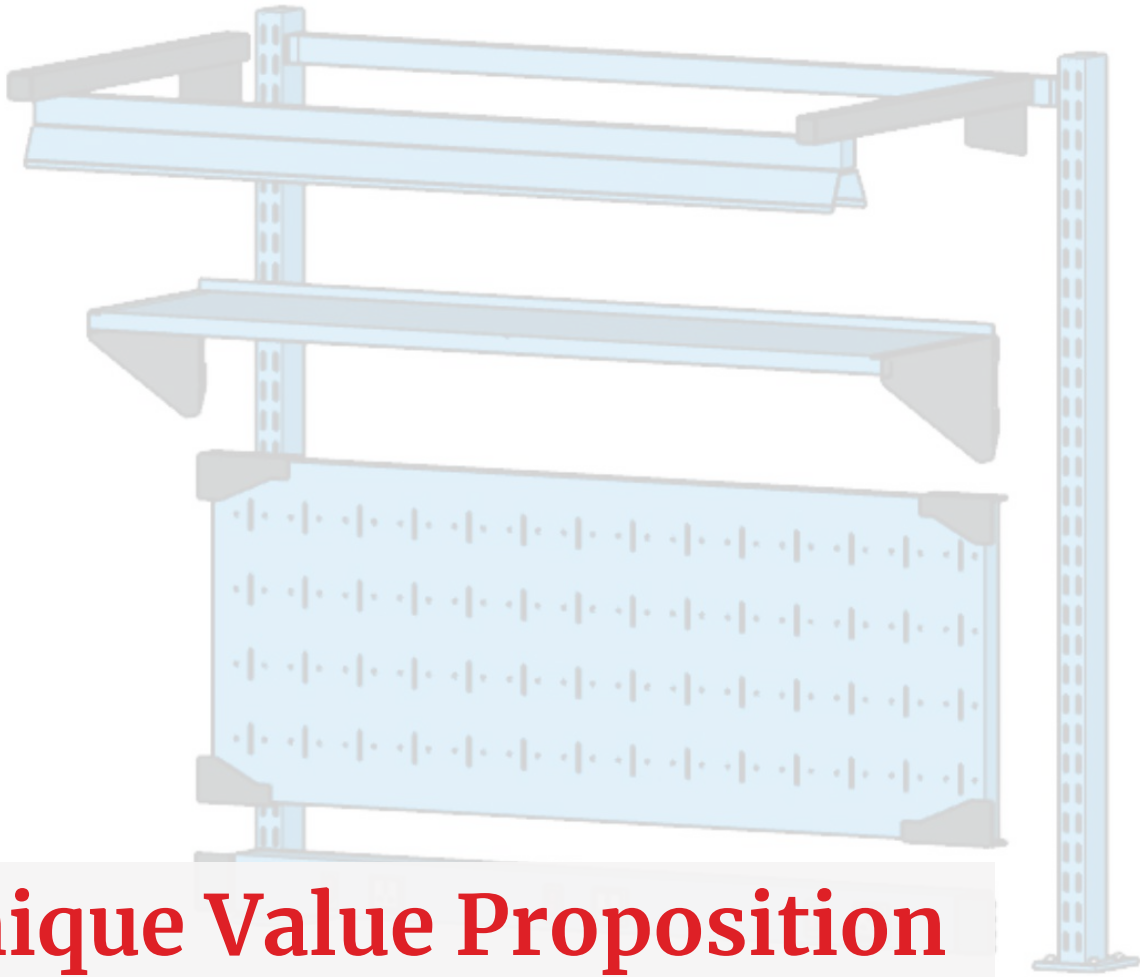




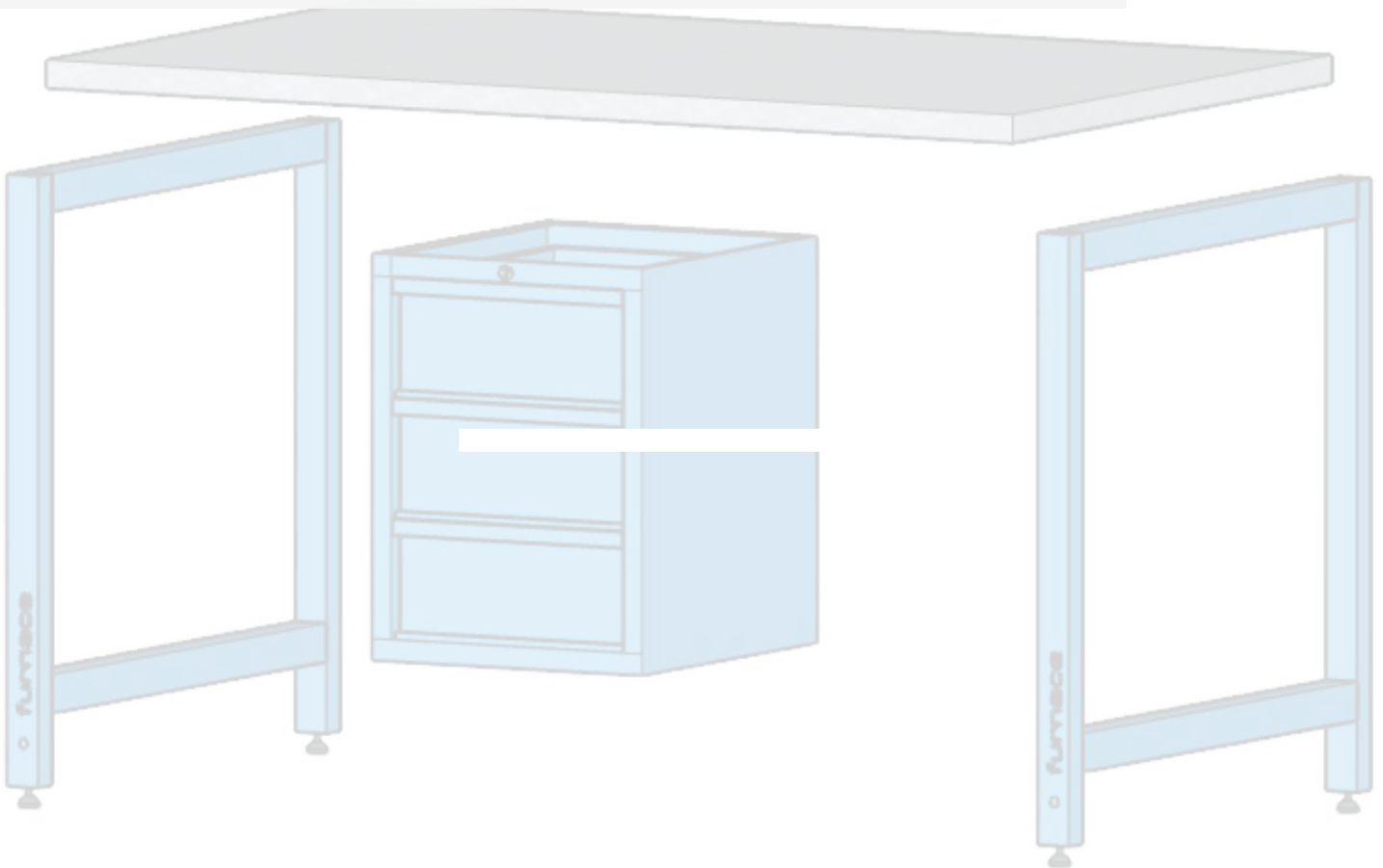
Aerospace & Defence Industry

Work Station, Workbench,
Cabinet, Cart, Trolley, Flow Rack

Solution Overview Flyer



Unique Value Proposition



	Parameter	Fabricator	Product Seller	FURNISYS System	Integrator
FEATURES	Construction	Welded	Pre Assembled	Knockdown	Combination
	Size Options	Custom	Limited	Comprehensive Range	Limited
	Accessories range	★	★★★★	★★★★★	★★★★
	Configurability	★	★★	★★★★★	?
	Scalability	Low	Moderate	High	Moderate
	Lean Manufacturing & Workplace Concepts	★	★★	★★★★★	★★
	Future adaptability	Requires Rework	Limited	High	Uncertain
	Application-centric solutions	Site-specific	?	Application-led	Project based
	Process-Specific Configuration	✓	✗	✓✓✓	✓✓✓✓✓
QUALITY & CONSISTENCY	Quality consistency	Variable	Stable	Consistent	Mixed
	Build Consistency	Variable	Low	High	Depends on vendors
	Overall Warranty	3/10	7/10	9/10	8/10
	Compliance & certifications	★	★★★★	★★★★	★★★★★
DELIVERY & INSTALLATION	Lead time	2 - 4 weeks	5 - 6 weeks	4 - 6 weeks	3 - 4 weeks
	Ease of Installation & Dismantling	★	★★	★★★★★	★★
SERVICE & SUPPORT	After-sales & spare parts	★	★★★★	★★★★★	★★★★
	Documentation & knowledge resources	Minimal	Basic	Comprehensive	Moderate
COST	Project cost	\$	\$ \$	\$ \$ \$	\$ \$ \$ \$
	Overall Life Cycle	\$ \$ \$ \$	\$ \$ \$	\$ \$	\$ \$ \$ \$
	Modification & Expansion Cost	\$ \$ \$ \$	\$ \$ \$ \$	\$ \$	\$ \$ \$



Application- Spaces



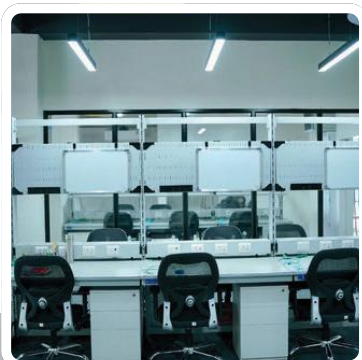
R&D & Prototyping Labs

These areas require high-precision environments in which new systems and components are conceptualised, assembled, and validated before moving to production. Such environments demand ESD-safe handling, modular layouts for evolving projects, organised storage for sensitive tools and components, and ergonomic yet rugged work surfaces that can handle precision work as well as heavy assemblies.



We provide ESD-safe lab workstations, chemical-resistant workstations, structured testing setups, and rugged benches for R&D and Prototyping Labs.

Application-based worktops, modular storage, and mobile benches/trolleys allow safe movement of instruments and flexible reconfiguration, supporting precise and adaptable R&D workflows.



Flexi workstation



Scitec workstation



Pro Workbench



Base Cabinet

Avionics & Electronics Assembly

Avionics and electronics assembly areas in the aerospace and defence sector are dedicated production and integration zones. The environment requires ESD-safe handling, clean and organised work surfaces, controlled storage for sensitive electronic components, and structured layouts that support sequential assembly and inspection workflows.



We provide application-specific assembly workbenches and workstations configured according to the assembly requirement, from ESD-safe setups for sensitive avionics and electronics assembly to more rugged configurations for mechanical integration tasks. These workstations can be equipped with ESD accessories and suitable worktop options to ensure safe handling of electronic components while maintaining durability.

Integrated storage, tool holding, lighting, and mobile benches/trolleys support organised workflow and safe movement on the assembly floor, ensuring precision and productivity.



Flexi Workstation



Scitec Workstation



Link Workstation



Pro Workbench

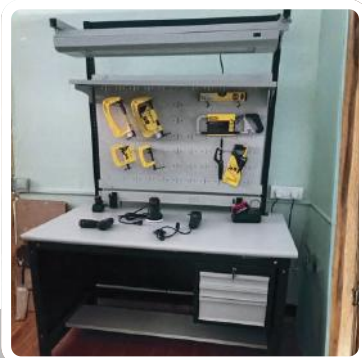
Precision Mechanical Assembly

Precision mechanical assembly areas in aerospace and defence facilities are specialised zones. These areas often handle high-value machined parts, alloys, and composite structures, requiring stable and vibration-resistant work surfaces, organised tool access, controlled part handling, and clear segregation of assembly stages to maintain accuracy and traceability.



We provide robust and stable assembly workbenches and workstations designed for precision mechanical fitting, alignment, and sub-assembly operations, with worktop options selected to support heavy components, tooling loads, and clean assembly requirements as per the application.

Integrated storage and mobile benches/trolleys support organised access to tools and components, smooth movement of sub-assemblies, and controlled workflow across assembly stages, ensuring accuracy, repeatability, and productivity in precision mechanical build environments.



Scitec Workstation



Pro Workstation



Link Trolley



Mobile Cabinet

Structural Fabrication & Sub-assembly

Structural fabrication and sub-assembly areas are heavy-duty production zones. These environments handle large metal or composite parts, tools, jigs, and fixtures, requiring robust work surfaces, high load-bearing capacity, organised tool storage, and clear workflow segregation between fabrication, fitting, and inspection stages.



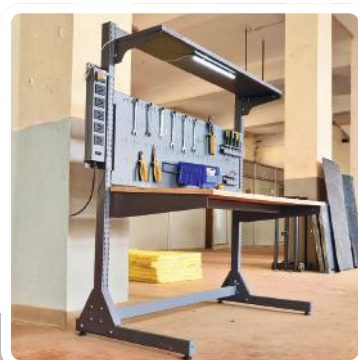
We provide rugged fabrication workbenches, mobile workbenches on castors, and dedicated workstations to support drilling, fastening, fitting, and validation activities. Base cabinets and link trolleys at each station keep tools and fixtures organised, while mobile cabinets allow operators to move tools efficiently across required zones, maintaining a clear and controlled workflow.



Scitec Workstation



Pro Workbench



Link Worktand



Link Trolley

MRO (Maintenance, Repair & Overhaul) Bays

MRO bays in aerospace and defence facilities are operational service zones. These bays handle large assemblies, specialised tools, spare parts inventory, and mobile maintenance equipment, requiring robust workspaces, high-capacity storage, organised tool control systems, and flexible layouts that allow technicians to work around aircraft or major assemblies efficiently.

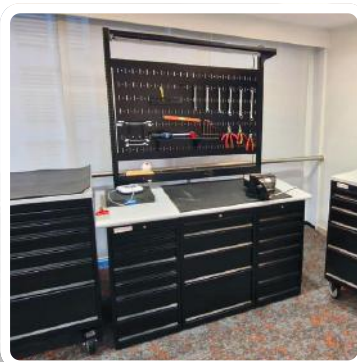


We provide durable maintenance workbenches configured with cabinet combinations and PLW or GI worktop options to support routine servicing, repair, and overhaul activities in aerospace environments. These setups offer stable work surfaces for dismantling, fitting, and component servicing tasks, while maintaining clean and organised working conditions.

Mobile cabinets for tool/component storage, along with wall-mounted pegboard storage for easy tool access, help maintain an efficient, well-organised maintenance workflow.



Scitec Workstation



Pro Workbench



Base Cabinet



Mobile Cabinet

Engine Component Assembly

Engine component assembly areas are precision-driven zones where turbine modules, compressor sections, casings, shafts, and associated engine sub-systems are assembled and fitted before further integration. These areas demand clean, organised layouts with heavy-duty and stable work surfaces, clear working access around assemblies, and structured storage for tools, fasteners, and sealing elements to support accurate and repeatable build operations.



We provide heavy-duty assembly workbenches and workstations configured to suit different engine sub-assembly requirements, supporting fitting, fastening, sealing, and alignment tasks. Durable worktop options and stable work surfaces support handling of heavy components and precision operations.

Integrated storage, tool holding, and organised compartments help maintain traceability of fasteners, seals, and assembly tools. These configurations enable a stable, clean, and assembly-focused workspace for efficient engine build operations.



Scitec Workstation



Pro Workbench



Mobile Cabinet

Environmental & Stress Testing Labs

Environmental and stress testing labs in aerospace and defence facilities are specialised validation areas, The setups often involve test chambers, instrumentation rigs, data acquisition systems, and controlled preparation zones, requiring clean, stable, and chemical-resistant work surfaces, organised monitoring stations, and ESD-safe handling for sensitive electronic assemblies during pre- and post-test evaluation.



We provide structured workstations for monitoring and evaluation setups, supported by heavy-duty benches for handling test fixtures and components. Worktop options for general, clean, moisture-prone, or ESD-safe areas can be selected based on the testing environment.

Organised storage for instruments and test accessories helps maintain a clean, controlled, and efficient testing workspace



Flexi Workstation



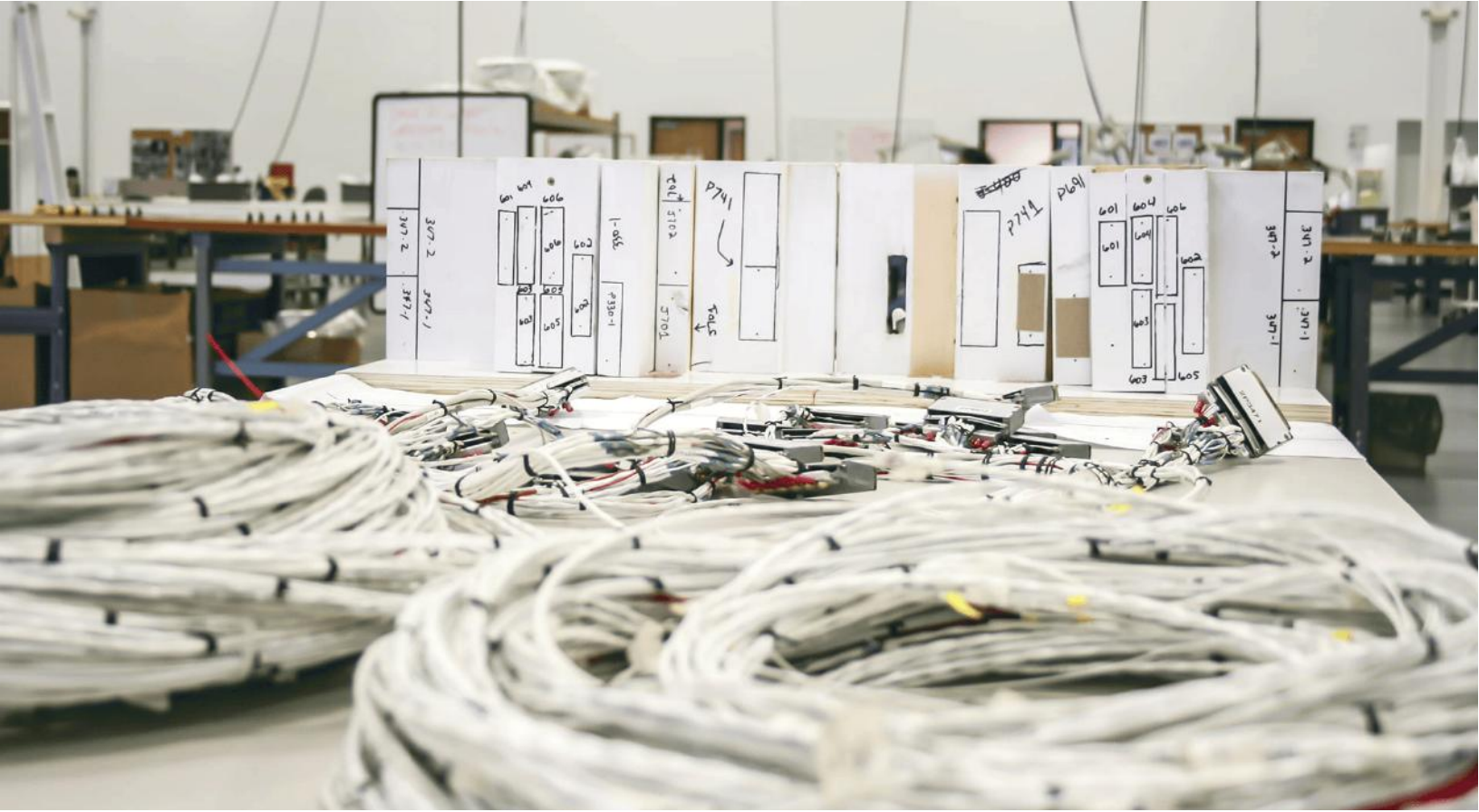
Pro Workstation



Overhead Cabinet

Crimping & Harness Build Area

Crimping and harness build areas are specialised assembly zones. These areas typically deal with numerous small components, tools, connectors, and consumables, making structured layouts, ESD-safe handling (where electronics are involved), and efficient tool accessibility critical for productivity and quality.



We provide configurable workbenches with suitable worktop options, overhead storage, and pegboards for organised harness assembly operations.

Storage cabinets and bin rails for connectors and consumables help create an accessible and efficient wiring assembly environment.



Pro Workbench



Base Cabinet



Mobile Cabinet

Quality Inspection/Calibration & Metrology

These areas are controlled inspection zones where machined parts, assemblies, and instruments are checked for dimensions, alignment, and performance accuracy before approval. Activities include dimensional verification, measurement using gauges and instruments, calibration of test equipment, and documentation of results, requiring stable work surfaces, clear visibility, and organised handling of precision tools to ensure repeatability and compliance.



We provide stable precision workstations and support benches for measurement, verification, and calibration tasks, including handling of larger components.

Application-suitable worktop options, organised instrument storage, and dedicated lighting provisions support clear visibility and controlled handling.

These setups help maintain a clean, accurate, and well-organised inspection and calibration environment.



Scitec Workstation



Pro Workbench

Cleanroom / Controlled Assembly Zones

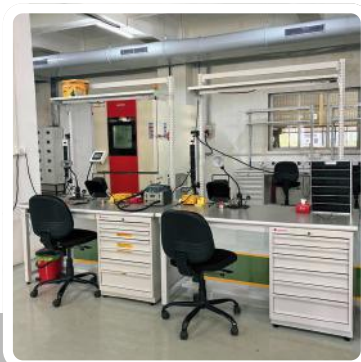
Cleanroom or controlled environments are regulated zones where sensitive electronic, optical, and precision components are handled, assembled, tested, or prepared under controlled particulate and static conditions. These areas operate with strict control of contamination, ESD, and material flow, requiring easy-to-clean work surfaces, minimal dust-generating provisions, and organised enclosed storage to maintain product integrity and consistency.



We provide cleanroom-compatible workstations with ESD-safe configurations for electronics handling, along with SS and HPL worktop options for clean, chemical- or propellant-related operations.

Overhead cabinets, enclosed drawer units, and smooth storage provisions help reduce contamination and protect components.

These setups support a clean, organised, and controlled environment suited to aerospace and defence operations.



Scitec Workbench



Overhead Cabinet

Tool Crib & Kitting Areas

Tool crib and kitting areas in aerospace and defence facilities are centralised control zones. These areas demand high-density organised storage, clear identification and visibility of items, secure access control, and efficient flow of materials to different shopfloor zones, enabling productivity and accountability in aerospace and defence operations.



Furnisys base cabinet storage systems for secure and organised storage of tools, gauges, and kits, along with flow racks for FIFO-based movement and easy picking of consumables and kitting items, support a structured and traceable material flow.

These solutions help maintain clear identification, controlled access, and efficient replenishment, enabling a well-organised and reliable tool and material management environment across tool crib and kitting operations.



Flow Racks



Base Cabinet

Our Story

From Custom Solutions to Modular Systems

2018

FURNACE

We entered the workspace furniture industry under the brand name FURNACE, creating customized solutions for manufacturing sectors.

✓ 104+ Satisfied Clients

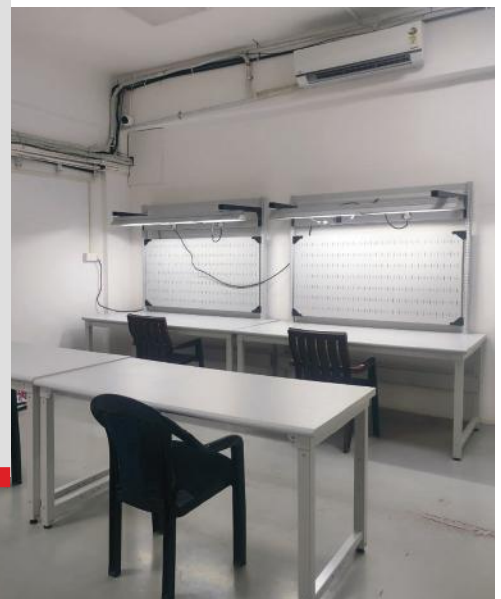
Today

FURNISYS

Evolved to deliver modular, configurable, and flexible & adaptable systems for companies moving towards standardization – adapting seamlessly across industries and applications.

✓ 80+ End Users

✓ 5+ Channel Partners



Manufacturing Infra :

Fabtech India delivers end-to-end manufacturing in a 22,000 sq. ft. state-of-the-art facility in Navi Mumbai, covering precise material cutting, CNC bending, selective welding, advanced chemical pre-treatment, high-quality powder coating, meticulous assembly, rigorous inspection, and seamless installation, ensuring robust, modular workspace solutions with superior quality and fast lead times.



Our Value Chain :



Product/ Program

Defines and governs the system, what we build, why it exists, and how it scales.



Sales/ Marketing

Connects the system to real applications and the right customers.



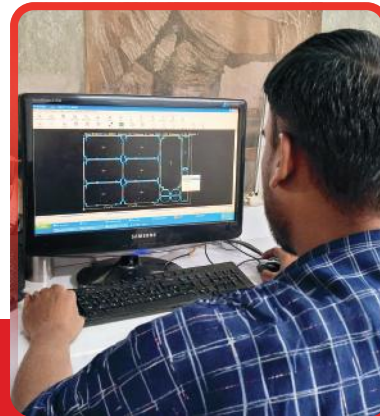
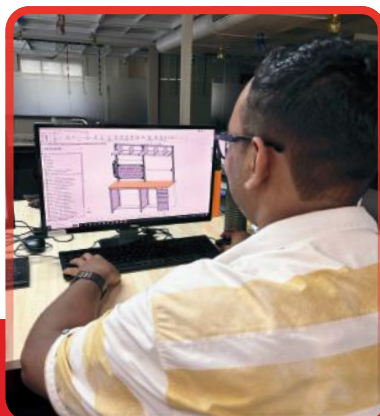
Design

Turns system logic into reliable, buildable solutions.



Manufacturing

Builds with consistency, quality, and repeatability at scale.



Clientele



AND MORE...



✉ enquiry@furnisys.co

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🌐 www.furnisys.co.in

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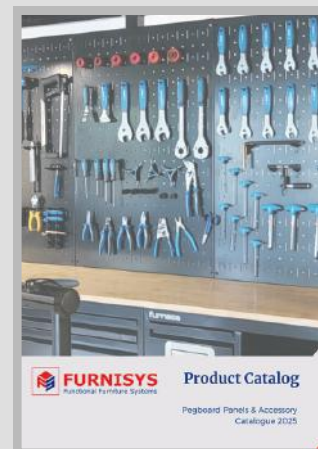
SCAN TO ACCESS
PRODUCT LITERATURE



Application Brochure



Product Catalog



Pegboard Panels &
Accessory Brochure