

Functional Furniture Systems for **MANUFACTURING INDUSTRY**

Modular by design
Configured for every application
Flexible & adaptable for tomorrow



KITTING &
MAINTENANCE

| ASSEMBLY | SUB ASSEMBLY | TESTING | REPAIR | STORAGE | R&D



FURNISYS
Functional Furniture Systems



enquiry@furnisys.co



+ 91 7045763012



www.furnisys.co.in



Fabtech India, EL-21 TTC Industrial
Area, Mahape, Navi Mumbai - 400 710

Understanding the Manufacturing Industry

A production line is only as efficient as the workspace around it

Manufacturing is a chain of connected activities assembly, sub-assembly, testing, inspection repair, R&D, parts management and maintenance. Every step depends on people, tools, materials and information coming together at the right time and in the right way.

When the workspace is poorly organised, the impact travels through the process more movement, more searching, more staging, more handling and less control. And no two manufacturing spaces have exactly the same requirements.

ESD-sensitive electronics need protection. Sub-assembly needs controlled staging. Inspection needs stability. Maintenance needs durability and mobility. R&D needs flexibility. That is why the workspace needs to be configured around the application not forced into a standard layout.

Fundamentals of manufacturing workspace design



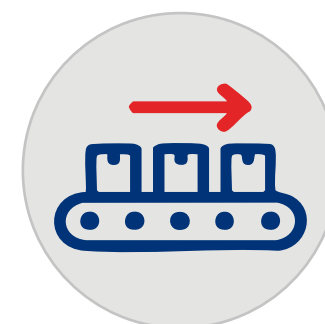
Productivity



Quality



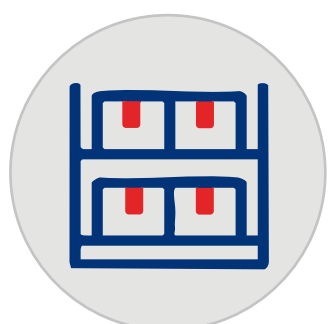
Traceability



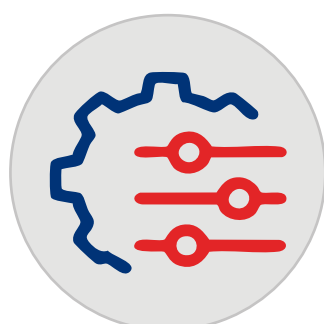
Material Flow



Ergonomics



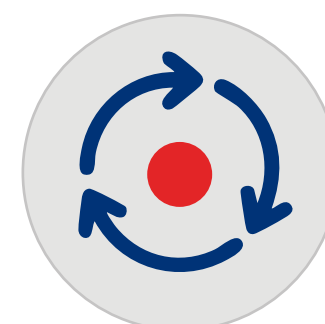
5S &
Organisation



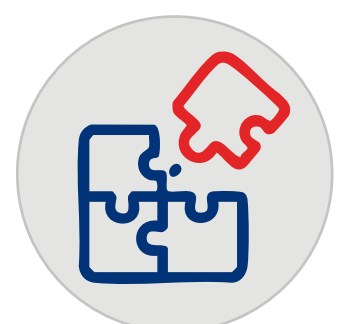
Process Control



Scalability



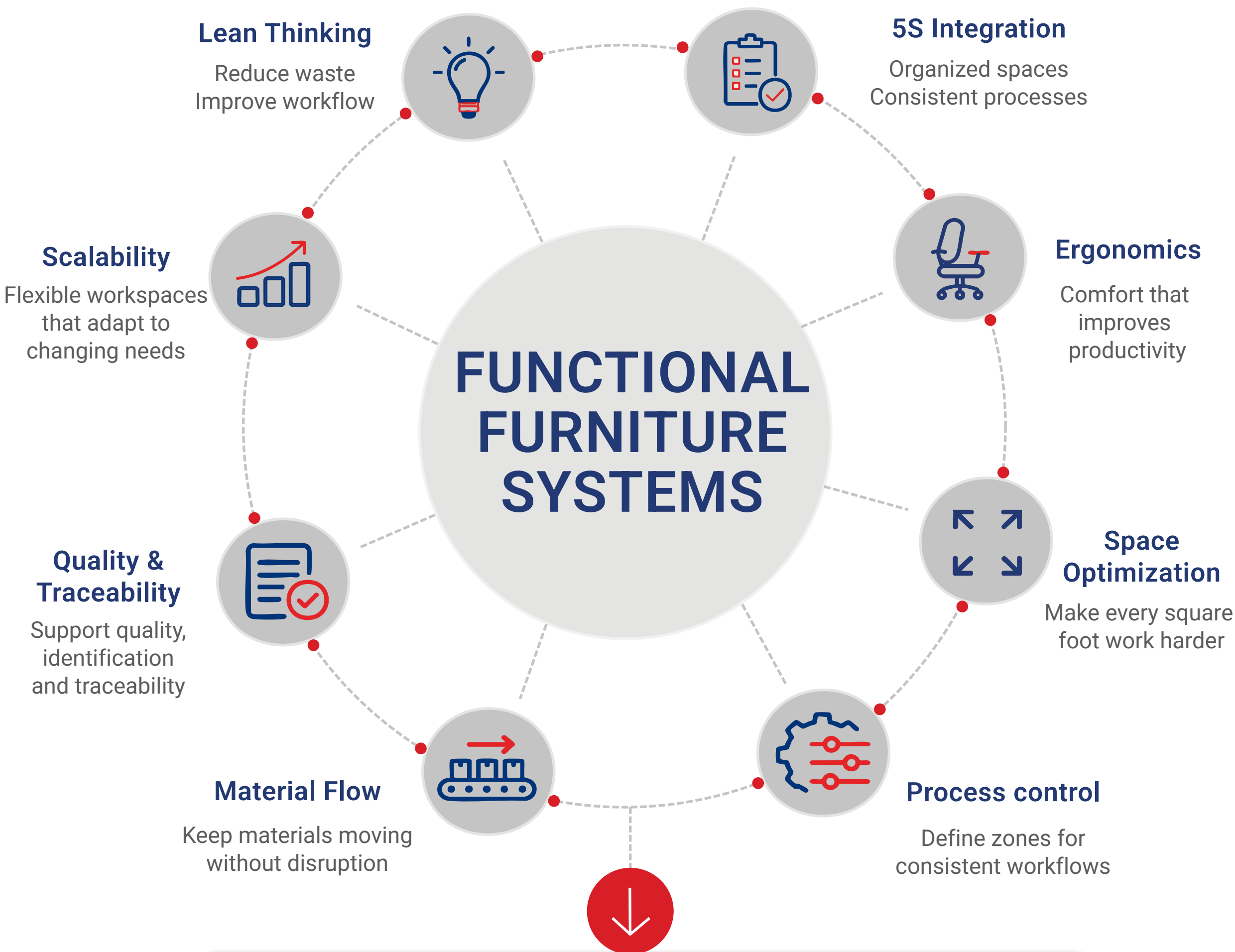
Repeatability



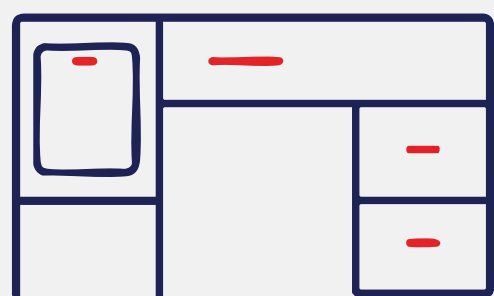
Adaptability

Designing Manufacturing Workspaces

Principles of an efficient manufacturing workspace



THESE PRINCIPLES BECOME



Functional Furniture Systems
Configured for Manufacturing
Industry

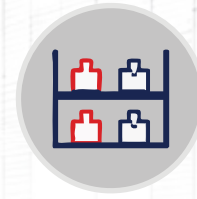
THE FURNISYS PHILOSOPHY

Functional Furniture Systems

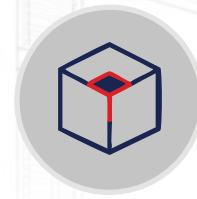
Every Furnisys solution is engineered as an integrated system that adapts to the workflow, supports the operator, and delivers long-term value.



**Better
Productivity**



**Organized
Workspaces**

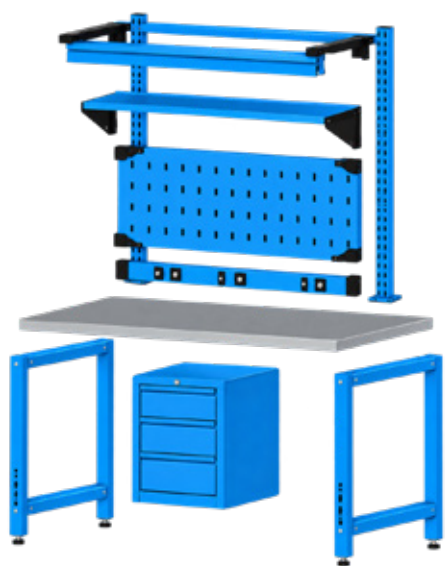


**Future-ready
Infrastructure**



**Integrated
Ecosystem**

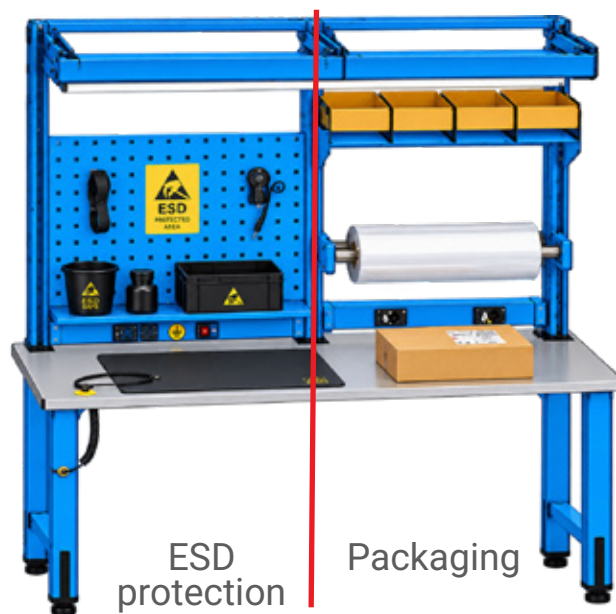
How We Build Every Workspace



01

Modular by Design

Built using interchangeable components that simplify expansion and upgrades.



02

Configurable for every application

Reconfigure, expand, or upgrade your workspace as your processes evolve.



03

Flexible & Adaptable

Every system is designed to suit different industries, applications, workflows and operational needs

Our Design Philosophy

These are the two pillars that define every design decision

Function Over Form



Every feature has a purpose
No unnecessary complexity
Only functional design that improves efficiency

System Thinking



Every component works together
Workstations, Storage,
Accessories, Utilities
Designed as one integrated workspace

THE FURNISYS WORKSPACE ECOSYSTEM

Multiple workspace One Configured worksystem

Every Furnisys workstation is designed as a connected ecosystem where work systems, storage systems, and each module works together to support efficient operations.

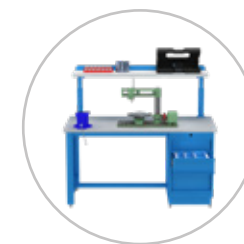


01 Work Systems

Designed around
application



Base Series



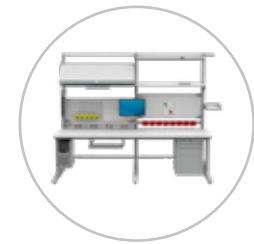
Pro Series



Scitec Series



Link System



Flexi System

02 Storage Systems

Storage that improves
accessibility,
traceability and
workflow



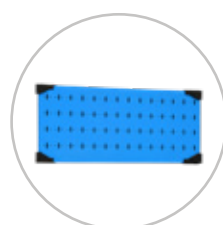
Base
Cabinets



Mobile
Cabinets

03 Accessories

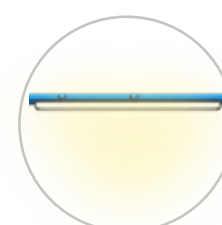
Maximize storage,
visibility and efficiency



Pegboard
panel



Monitor
Arm



Task Light



Worktop



Equipment
Shelf



Bin
Rails



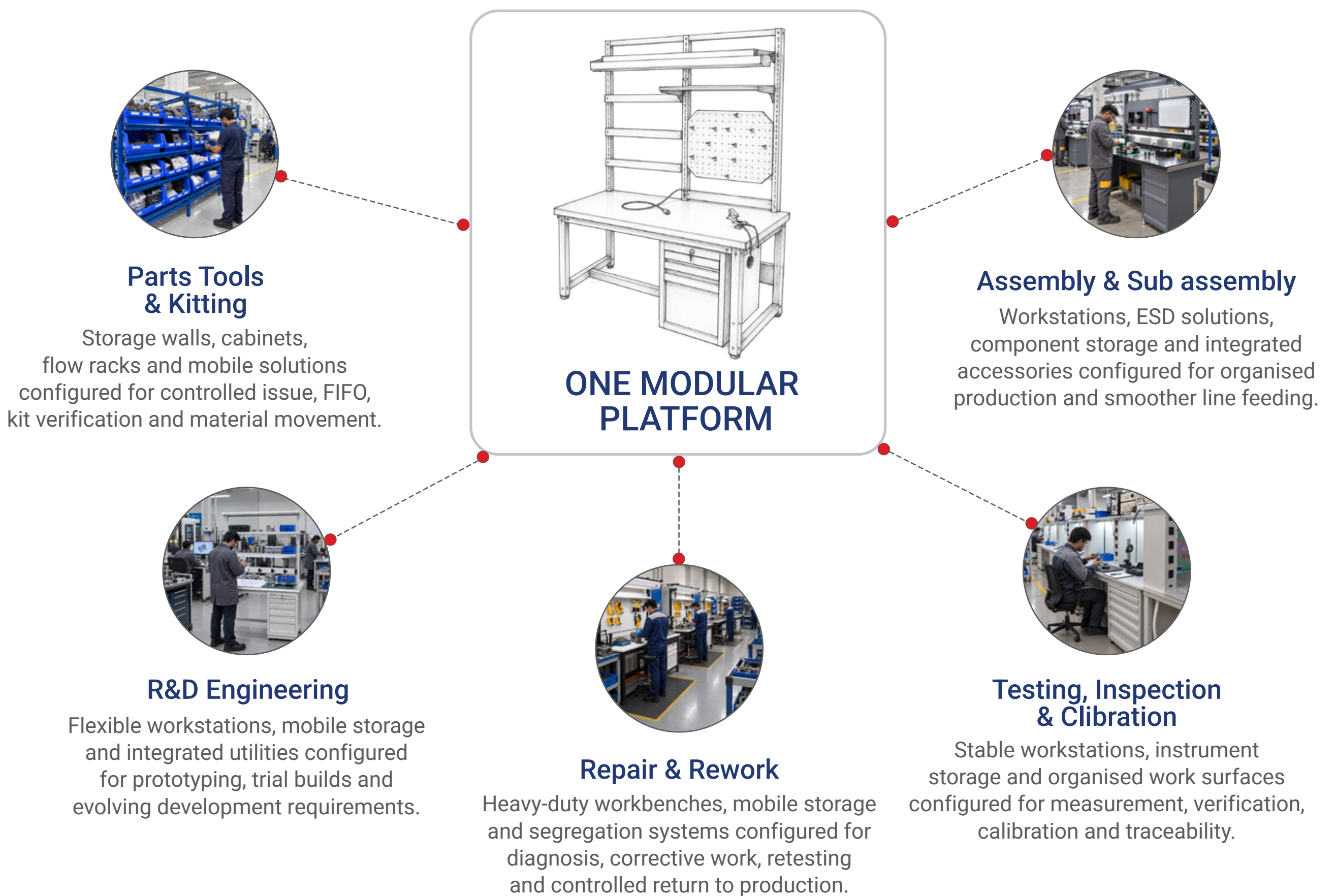
Power
Modules



Link
Uprighter

Configured for Manufacturing Industry's Applications

The same modular system.
Configured specifically for every application



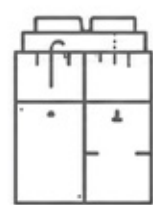
AND MANY MORE SPACES

SAME PLATFORM



Built on a consistent modular platform

DIFFERENT CONFIGURATION



Tailored to application and workflow

DIFFERENT WORKFLOW



Optimized to deliver efficiency, safety and performance

MANUFACTURING WORKSPACE SOLUTIONS

Every manufacturing process demands a different worksystem

Manufacturing operations rarely follow a single workspace requirement. An assembly station needs organisation and ergonomic access. A sub-assembly area needs controlled staging and smooth line feeding. A rework station needs segregation and corrective-work support. An inspection area needs stability and traceability. An engineering lab needs flexibility. A kitting area needs controlled material movement. A maintenance bay needs durability and mobility.

Furnisys configures modular workspace systems around these differences combining workstations, storage, accessories and material-handling solutions to support the actual task and workflow.



APPLICATIONS COVERED

01

Assembly &
Electronics
Assembly

02

Sub-Assembly

03

Repair
& Rework

04

Testing,
Inspection
& Calibration

05

R&D &
Engineering
Labs

06

Parts & Tools
Storage
& Kitting

07

Maintenance

Assembly & Electronics Assembly

WORKSPACE OVERVIEW

Assembly and electronics assembly spaces bring components, modules and sub-assemblies together into finished or semi finished products. The same station may need to support general assembly as well as sensitive electronic or medical build work. The workspace therefore needs to be configured around the application protecting sensitive parts, keeping the work surface organised and supporting repeatable handling throughout the shift.

WORKSPACE CHALLENGES



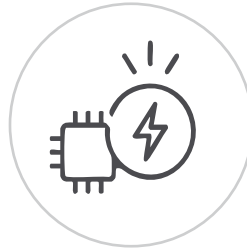
UNCONTROLLED PART MOVEMENT

Loose components and excessive reaching increase the risk of mix-ups and slow production.



IMPROVISED STAGING

Temporary trays, side tables and separate staging areas make the process less controlled.



HIDDEN ESD RISK

Static damage may not be visible at the bench but can create quality issues later.



OPERATOR FATIGUE

Fixed height worktops can add fatigue and affect consistency over long shifts.

RECOMMENDED WORKSPACE CONFIGURATION



WHAT WE CAN PROVIDE

- Scitec workstations for ESD-sensitive assembly
- Pro workbenches for heavy-duty tasks
- Flexi systems for evolving layouts
- Base & overhead storage
- Bin rails & mobile cabinets for easy access

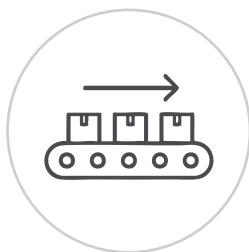
OPERATIONAL OUTCOME



Controlled Assembly



Quality Output



Smooth Material Flow



Reduced Operator Fatigue

Sub Assembly

WORKSPACE OVERVIEW

Sub assembly areas are where smaller modules are built and prepared before moving to the final assembly line. They allow components to be pre built, staged, checked and transferred in a controlled sequence, making them critical to smoother downstream production especially where products are built in layers, variants or repeated small batches.

WORKSPACE CHALLENGES



POOR PART VISIBILITY

Parts spread across general-purpose surfaces, making completed and pending work harder to identify.



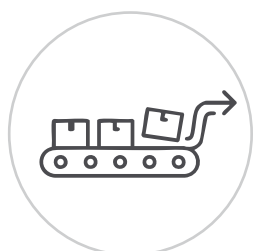
UNCLEAR STAGING

Multiple active jobs can create confusion when variants or small batches are being handled.



WORK IN PROGRESS CONTROL

Without defined locations, WIP becomes harder to organise and trace.



INEFFICIENT LINE FEEDING

Poor staging creates unnecessary handling before components reach the final assembly line.

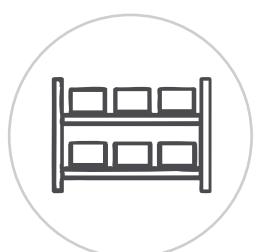
RECOMMENDED WORKSPACE CONFIGURATION



WHAT WE CAN PROVIDE

- Compact sub-assembly workstations
- Flexi systems for changing layouts
- Mobile & base cabinets
- Flow racks for component staging
- Organized WIP control

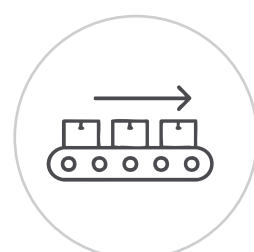
OPERATIONAL OUTCOME



**Staged
Production**



**Better
Part Control**



**Smooth
Line Feeding**



**Cleaner
Workflow**

Repair & Rework

WORKSPACE OVERVIEW

Repair and rework areas handle non conforming parts, returned items and corrective work before a product can move forward again. Unlike repetitive production, rework may involve diagnosis, inspection, sorting, repair, retesting and reassembly. The workspace therefore needs to support controlled handling without disrupting the main production flow.

WORKSPACE CHALLENGES



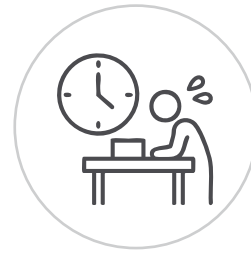
MIXED PARTS

Good, rejected and pending items can become difficult to separate in an unplanned workspace.



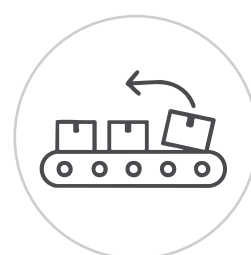
MULTIPLE CORRECTIVE STEPS

Opening, inspecting, sorting, repairing, retesting and reassembling may all happen within the same area.



SLOWER CORRECTIVE WORK

An unsuitable bench or poorly arranged tools can make diagnosis and repair more time-consuming.



UNCONTROLLED RETURN TO PRODUCTION

Poor segregation can result in unfinished or unresolved items returning to circulation.

RECOMMENDED WORKSPACE CONFIGURATION



WHAT WE CAN PROVIDE

- Heavy-duty Pro workbenches
- Durable, easy-clean worktops
- Mobile cabinets & Link trolleys
- Organized tool movement
- Clear storage segregation

OPERATIONAL OUTCOME



Controlled Rework



Faster Corrective Work



Clear Identification



Contained Non Conforming Items

Testing, Inspection & Calibration

WORKSPACE OVERVIEW

Testing, inspection and calibration spaces are the quality checkpoints of manufacturing operations. These areas verify whether parts, assemblies and instruments meet the required standard before they move forward. Depending on the plant, the same area may support dimensional inspection, functional testing, verification checks or calibration of gauges and tools.

WORKSPACE CHALLENGES



BENCH INSTABILITY

An unstable workspace can affect the consistency and confidence of inspection activity.



MIXED INSTRUMENT STATUS

Disorganised storage can create confusion between calibrated and uncalibrated instruments.



CLUTTERED WORK SURFACES

Tools and gauges competing for workspace slow down inspection activity.



TRACEABILITY GAPS

Poor organisation can make instruments, test items and documents harder to control.

RECOMMENDED WORKSPACE CONFIGURATION



WHAT WE CAN PROVIDE

- Scitec & Pro inspection workstations
- Link workstands for lighter tasks
- Visible, protected instrument storage
- Organized base & mobile cabinets
- Easy tool & instrument movement

OPERATIONAL OUTCOME



**Stable
Inspection**



**Traceable
Measurements**



**Clean
Handling**



**Audit
Readiness**

R&D & Engineering Labs

WORKSPACE OVERVIEW

R&D and engineering labs support prototyping, design validation, trial builds and technical problem solving across manufacturing environments. These spaces sit between concept and production, so they need to support experimentation without losing control over tools, instruments and evolving layouts. The same lab may support electronics, mechanical samples, product trials or short-run development work.

WORKSPACE CHALLENGES



CHANGING PROJECTS

Projects change, instruments move and the ideal workstation can change with each development phase.



FIXED LAYOUTS

A rigid workspace may require repeated rebuilding for the next trial or prototype.



DOWNTIME & CLUTTER

Frequent changes without modular storage can increase downtime and clutter.



TOOL & INSTRUMENT CONTROL

Poor storage and cable routing make prototypes and instruments harder to organise.

RECOMMENDED WORKSPACE CONFIGURATION



WHAT WE CAN PROVIDE

- Flexi & Scitec Workstations
- Pro & Base Workbenches
- Mobile Storage Cabinets
- Overhead Storage
- Integrated Power Rails

OPERATIONAL OUTCOME



Flexible
Workspace



Rapid
Prototyping



Sensitive
Work Protection



Adaptable to
Project Needs

Parts & Tools Storage & Kitting

WORKSPACE OVERVIEW

Parts, tools and kitting spaces are the control points that support the manufacturing floor. They hold fast moving consumables, picked kits, tools, accessories and small components that need to be issued in the right sequence and returned in a controlled way. Whether supporting a single line or a larger plant, the objective is to keep material moving without losing traceability or time.

WORKSPACE CHALLENGES



SEARCH TIME

Operators waste valuable time looking for the right part, tool or consumable.



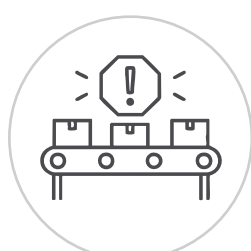
KIT COMPLETENESS

Poor organisation makes it harder to verify whether a kit is complete.



MISPLACED PARTS

Small components can be mixed between jobs or stored in the wrong location.



LINE STOPPAGES

Poor kitting can prevent the right material from reaching the workstation when required.

RECOMMENDED WORKSPACE CONFIGURATION



WHAT WE CAN PROVIDE

- Base & Mobile Cabinets
- Storage Wall Systems
- Flow Racks & Shelf Units
- Issue Counters & Bin Rails
- Secure Lockable Storage

OPERATIONAL OUTCOME



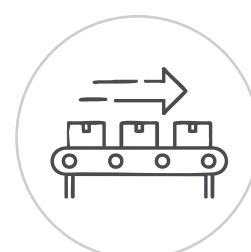
Organized
Storage



Faster Issue
& Retrieval



Reduced
Search Time



Smooth
Line Flow

Maintenance

WORKSPACE OVERVIEW

Maintenance spaces support the ongoing care of plant equipment, production assets, fixtures and support systems across the manufacturing floor. Breakdown response, preventive maintenance, adjustments and routine servicing often happen under time pressure. The workspace needs to be dependable, easy to clean and ready for both planned and unplanned work.

WORKSPACE CHALLENGES



HEAVY DUTY WORK

Maintenance teams handle heavy components and equipment that demand robust work surfaces.



OIL & GREASE EXPOSURE

Dirty or fluid-prone jobs require surfaces that can withstand frequent cleaning.



TOOLS ON THE MOVE

Tools move between jobs throughout the day and need to remain organised and accessible.



PARTS & TOOL CONTROL

Repair parts, tools in use and items awaiting return need defined locations.

RECOMMENDED WORKSPACE CONFIGURATION



WHAT WE CAN PROVIDE

- Heavy-duty Pro workbenches
- Durable SS, PLW & GI worktops
- Mobile cabinets & Link trolleys
- Organized tool & parts storage

OPERATIONAL OUTCOME



Disciplined Maintenance



Faster Servicing

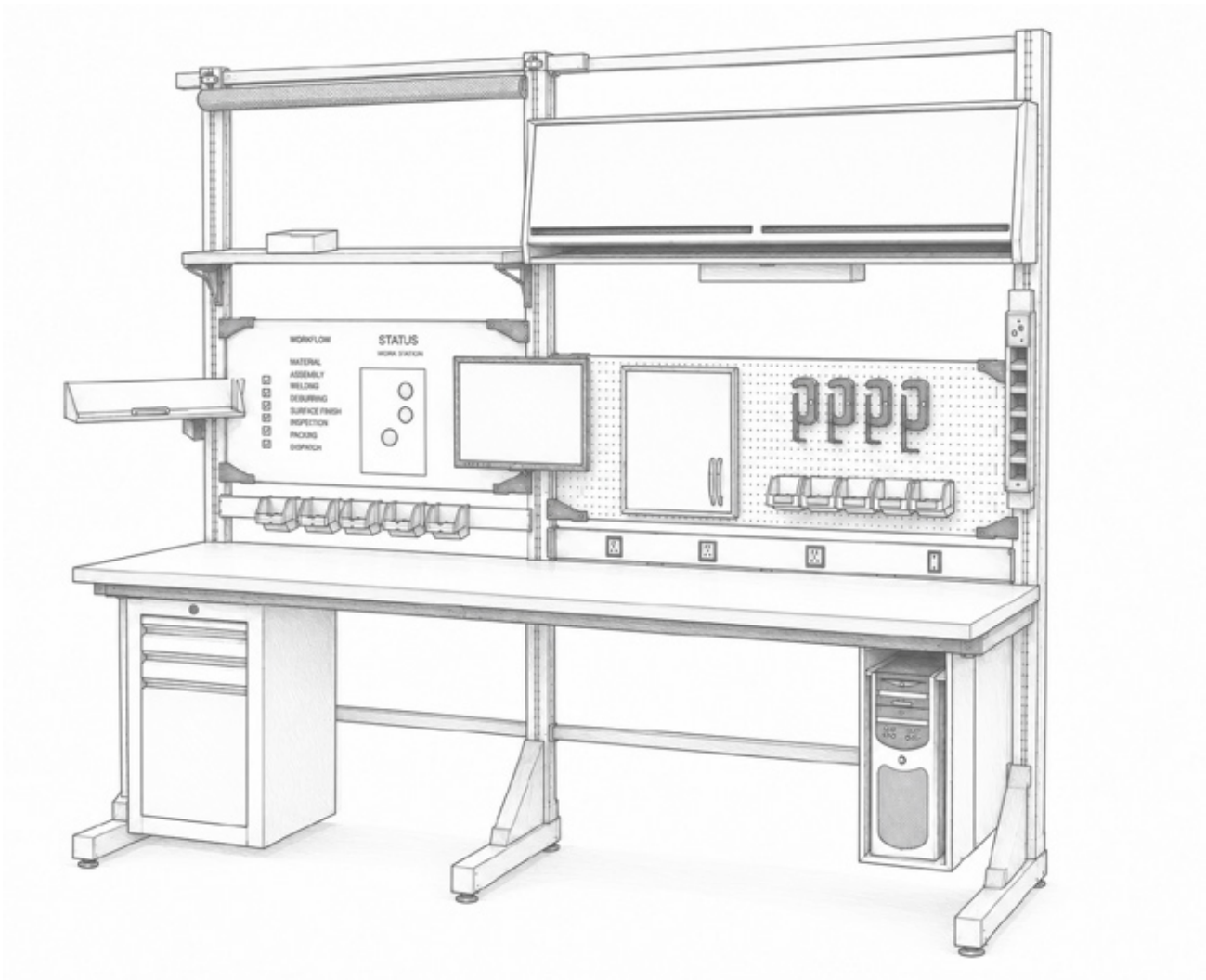


Easy Cleaning



Better Tool & Parts Control

YOUR WORKSPACE JOURNEY WITH FURNISYS



01



Product/Program

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

- Application-Based Solutions
- Modular Systems
- Quality Assurance

02



Development

Designs and develops the system end-to-end from engineering and space planning to manufacturing process and tooling ensuring every solution is both well designed and reliably built.

- System Engineering
- Space Planning
- Tooling Development

03



Revenue

Connects customers with the right solutions by understanding their applications, educating them on available options, and delivering the most suitable product through direct sales and channel partners.

- Customer Solutions
- Product Guidance
- Channel Partnerships

04



Operations

Transforms confirmed orders into delivered products through disciplined planning, quality assurance, and timely dispatch with consistency built in at every cycle.

- Order Planning
- Quality Assurance
- Timely Dispatch

ABOUT FURNISYS

Decades of Manufacturing Excellence

2018 - The Beginning

We entered under the brand name **FURNACE** into the workspace furniture industry, creating customized solutions for education and manufacturing sectors, and served over 104+ satisfied clients.



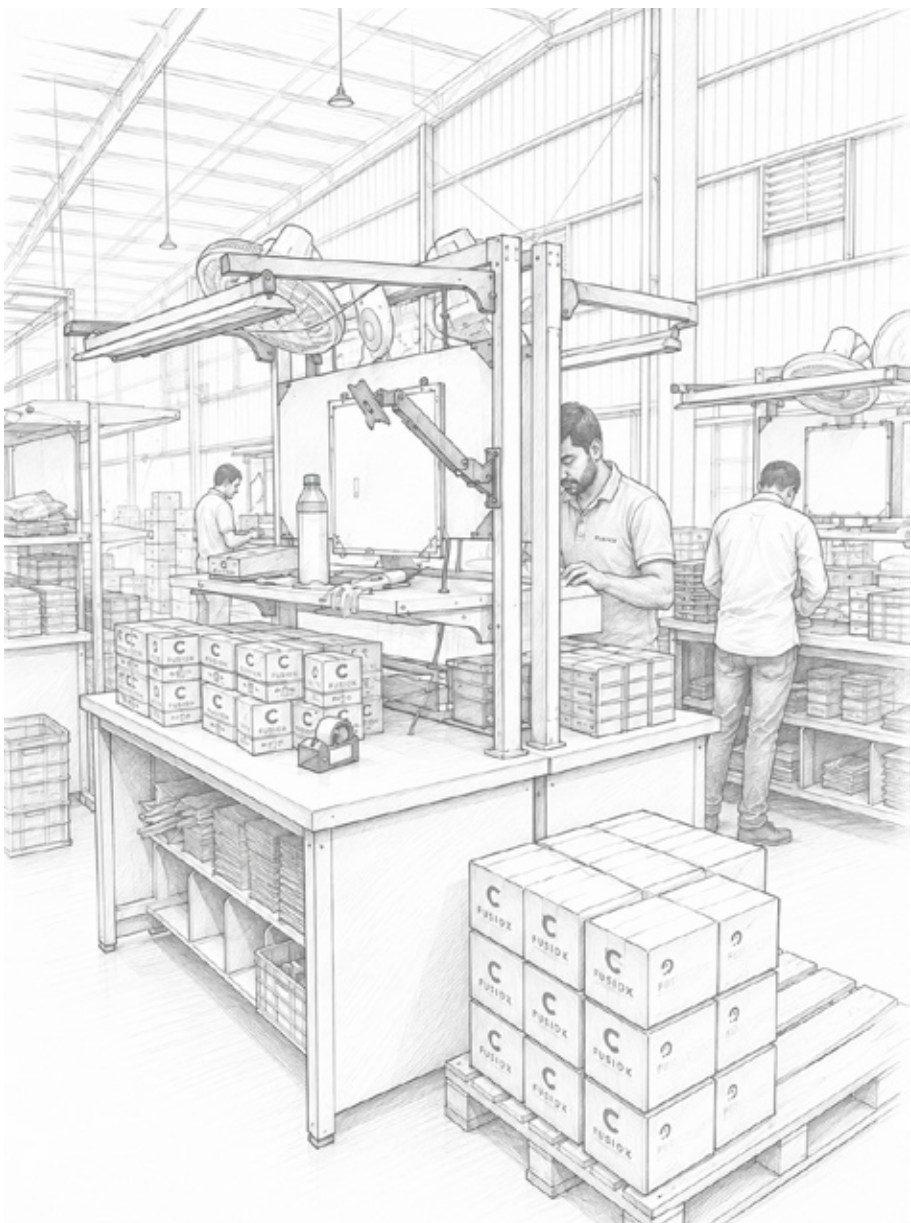
2018

Started in 2018
by the name Furnace



104+

we have catered
to 104+ clients



Why Furnisys ?

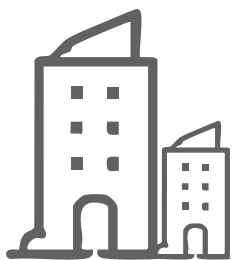
FURNI (Furniture) + **SYS** (Systems)



FUNCTIONAL FURNITURE SYSTEMS

Today - The Evolution

As work environment evolved, **FURNACE** transformed into **FURNISYS** - a brand that delivers Modular, configurable, and Scalable systems for companies moving toward standardization, adapting seamlessly across industries and applications.



22,000sq.ft.
Manufacturing Facility



**Modular
Workspace Systems**
Configured for Every Industry



Engineering-led
Approach



End-to-End
Project Support



TRUSTED ACROSS INDUSTRIES

HEALTHCARE



AUTOMOBILE



AGRICULTURE & OUTDOOR



POWER GENERATION



METALWORKING



AEROSPACE & AVIATION



CONSTRUCTION



TEXTILE & APPAREL



GOVERNMENT, MILITARY & LAW ENFORCEMENT



OIL & GAS



Weatherford

Explore Furnisys solutions
for your industry 



+ 91 7045763012



www.furnisys.co.in



enquiry@furnisys.co