



Taraz Tamin
تراز تامین
SUPPLY CHAIN · MRP · QUALITY

Taraz Tamin

Supply Chain Management · Engineering Process Solutions

Detailed Product Brochure

End-to-end SCM and MRP software for make-to-order engineering industries

Executive Summary

Taraz Tamin is a comprehensive Supply Chain Management (SCM) and Material Requirements Planning (MRP) platform designed specifically for engineering, make-to-order, and EPC companies. From initial RFQ to field service, our system provides complete traceability, quality control, and operational efficiency across your entire project lifecycle. 12 integrated modules, MRP, quality management, interactive BOM, workflow engine, and supply chain for engineering industries.

12+

Integrated Modules

100+

Integrated Pages

100%

Web-Based

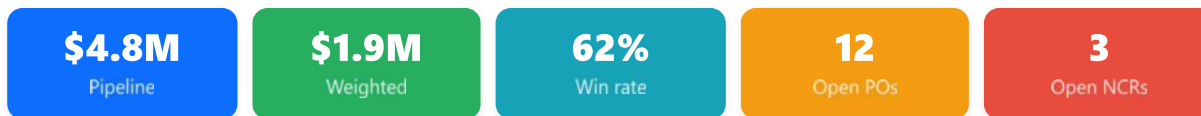
24/7

Global Access



Executive Dashboard

Real-time KPIs



Reference	Type	Status	Date
PO-2026-0184	Purchase Order	Approved	2025-11-12
NCR-0042	Non-Conformance	Open	2025-11-11
JOB-2026-0311	Job Order	In Progress	2025-11-10

How It Works

1 · RFQ & Sales

Capture opportunities, quotes, and customer requirements in one pipeline.

2 · Engineering

BOM, routing, drawings, document control with versioning.

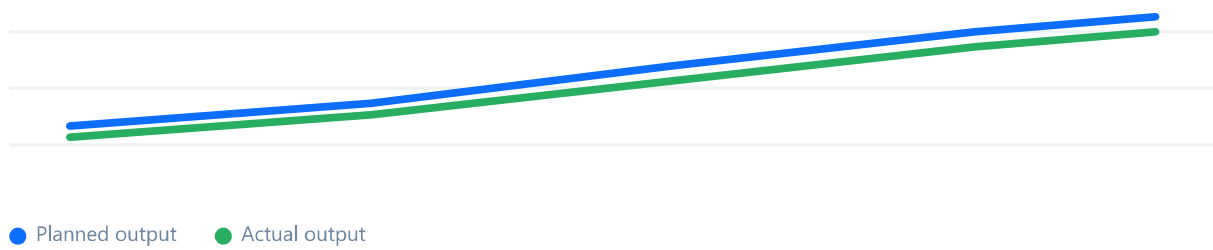
3 · MRP & Production

Material planning, purchase orders, shop-floor execution.

4 · Quality & Delivery

Inspections, NCR / CAPA, warranty, and field service.

Production vs Plan (last 4 weeks)



Key Platform Capabilities

End-to-End Workflow

Complete project traceability from initial customer inquiry through engineering, procurement, manufacturing, quality control, and final field service delivery.

RFQ to Purchase Order

Document versioning & approval

Progress billing & milestones

Granular Access Control

Role-based permissions at project, screen, and function level. Full audit trail of all user actions.

Project-specific roles

Page-level access

Complete audit log

MRP + Supply Chain

Automated material planning,
subcontractor management, supplier
scorecards, and inventory
optimisation.

Automatic purchase suggestions

Supplier performance tracking

Inventory by order



taraztamin.ir/purchasing/orders

Purchase Orders

4 open

PO	Supplier	Amount	Status
PO-2026-0184	Pars Copper	420M IRR	Received
PO-2026-0185	Iran Bearing	180M IRR	Partial
PO-2026-0186	Kavir Casting	730M IRR	Approved
PO-2026-0187	Arya Motors	550M IRR	Overdue

12 Integrated Modules

CRM / Sales

Pipeline Management

Complete opportunity and customer relationship management with Kanban-style pipeline visualization.

Opportunity pipeline (Lead → Qualified → Proposal → Won/Lost)

Customer pricing and discount management

Activity tracking and follow-up scheduling

Quote generation linked to products and services

Projects

Portfolio Management

Multi-tab project dashboard providing complete visibility across all project dimensions.

Overview dashboard with KPIs and milestones

Products tab – BOM and deliverables tracking

Quality tab – NCR, CAPA, inspection history

Financial tab – budget vs actual, progress billing

Service Orders tab – field service and warranty

Engineering

BOM & Documents

Interactive Bill of Materials (BOM) tree with 360° side panel information.

Multi-level BOM tree structure

Click any component → side panel shows:

- *Inventory levels and locations*
- *Quality inspection history per serial number*
- *Purchase orders and supplier info*
- *Production orders and status*
- *NCR and ECO records*

Engineering document check-in/check-out with versioning

Supply Chain

Procurement

Complete purchase-to-pay cycle with supplier management and receiving.

Purchase requisition → RFQ → Purchase Order workflow

Supplier scorecards and performance tracking

Goods receiving with quality inspection integration

Subcontractor management and work order tracking

Vendor portal for document exchange

Manufacturing

MRP & Production

Material Requirements Planning (MRP) engine with automated order suggestions.

MRP run dashboard with planned orders

"Firm" button to convert planned to actual orders

Production order management and work center scheduling

Shop floor data collection (optional)

Maintenance scheduling for equipment

Quality

NCR & CAPA

Comprehensive quality management with inspection workbench and non-conformance tracking.

Inspection workbench – batch operations with pass/fail results

Digital signature capture for approvals

NCR (Non-Conformance Report) lifecycle

CAPA (Corrective Action / Preventive Action) tracking

Full inspection history by item or serial number

Certificate of Analysis/Conformance generation

Finance

Costing & Invoicing

Project financial management with multi-currency support and invoicing.

Project costing and budget tracking

Customer invoices linked to sales or service orders

Supplier invoices and payment tracking

Multi-currency support for international projects

Progress billing (صورت وضعيت) for EPC contracts

Administration

User & Roles

Centralized system configuration with granular permission management.

User management and role assignment matrix

Permission per project, per page, per function

Workflow designer for custom processes

Audit log for compliance tracking

Portal settings and branding configuration

Workflow

Approvals & Routing

Configurable approval chains with role-based delegation and escalation.

Configurable multi-step approval chains with role-based delegation

Escalation rules on SLA breach

Per-entity workflow (Job Order, PO, NCR, Document, etc.)

Visual step designer (approval / review / sign-off / notification)

Inventory

Warehouse & Location Control

Multi-warehouse stock tracking with batch and serial traceability.

Multi-warehouse and multi-location stock tracking

Batch and serial-number traceability

Reorder point + automatic reorder suggestion

Inventory valuation by FIFO / average cost

Shop Floor

Barcode & Data Collection

Real-time shop-floor data collection with barcode scanning.

Operator clock-in / clock-out at workstation

Barcode scan for material issue and completion

Real-time WIP visibility

Downtime reason capture

Maintenance

Preventive & Corrective

Equipment maintenance scheduling linked to inventory.

Equipment register with serial and location

Preventive maintenance schedule

Work-order routing to technicians

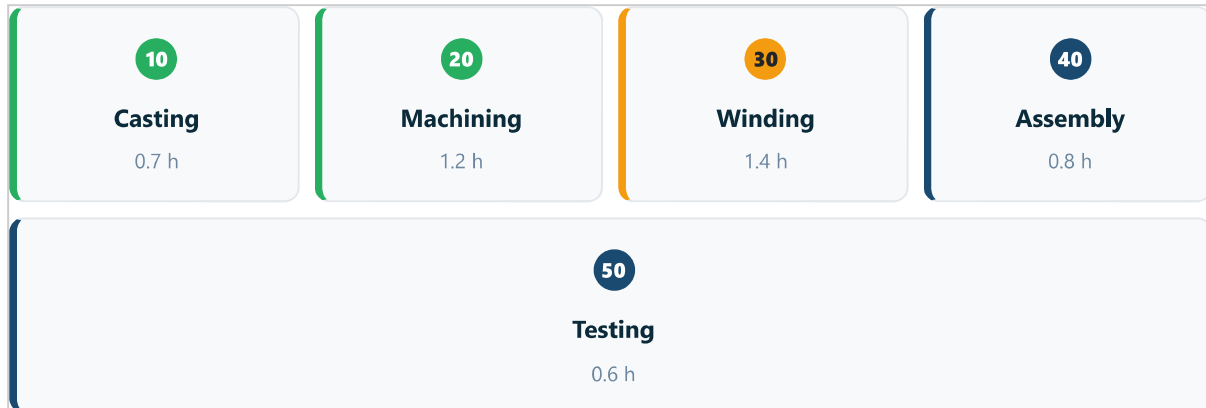
Spare part consumption linked to inventory



taraztamin.ir/engineering/routings

Routing · MOTOR-5KW

5 stations · ETO



taraztamin.ir/workflow/designer

Workflow · MTS_JOB_ORDER

v3 · 3 steps

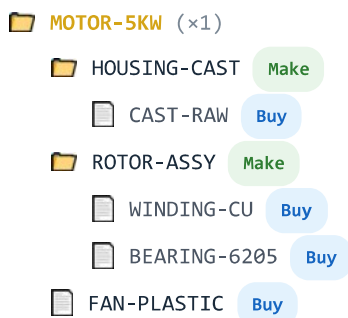
Step	Name	Role	Type	Due
1	Draft Review	Engineer	Approval	1 day
2	Quality Sign-off	QC Lead	Review	2 days
3	Release to Shop Floor	Production Manager	Sign-off	1 day



taraztamin.ir/engineering/bom

BOM · MOTOR-5KW

Multi-level



Beyond the Screenshots – Hidden Capabilities



True Multilingual

Full English and Persian (Farsi) interfaces with RTL support. Users can switch languages on the fly without logging out.



Calendar Flexibility

Support for Gregorian, Persian (Jalali), and Hijri calendars – all fully integrated across the system.



Offline-First Design

Works even with intermittent internet connectivity – ideal for remote field operations and sites with unstable connections.



Document Control

Complete document lifecycle management including check-in/check-out, version history, approval workflows, and external sharing.



Excel & CSV Integration

Import and export data from/to Excel and CSV files. Bulk upload BOMs, purchase orders, inventory counts, and inspection records.



Granular Permissions

Per-project, per-page, per-function access. Users can have different roles in different projects.

System Highlights

CRM / Sales

Kanban opportunity pipeline, quote generation, follow-up scheduling, and weighted-pipeline analytics.

Projects

Multi-tab project dashboard: Overview, Milestones, Products, Quality, Financial, and Progress Certificates.

Engineering

Multi-level BOM tree with 360° side panel: inventory, quality, purchasing, production, NCR, ECO.

Supply Chain

Purchase requisition → RFQ → PO workflow with supplier scorecards and receiving inspection.

Manufacturing

MRP run dashboard, load board, work order routing, shop-floor data collection.

Quality

Inspection workbench with digital signatures, NCR, CAPA, and Certificate of Conformance.

Workflow

Configurable approval chains with delegation, escalation, and a visual step designer.

Administration

Role & permission matrix, audit log, workflow designer, portal branding.

Executive Dashboard

Pipeline value, weighted pipeline, win rate, open orders, and 30/60/90-day forecast — one page.

Industries We Serve

Oil & Gas / Petrochemical

Equipment overhaul, repair projects, EPC contract management, and inspection tracking for rotating equipment, valves, and pressure vessels.

Industrial Equipment Manufacturing

Make-to-order valves, pumps, motors, and custom machinery – with full BOM, MRP, and quality traceability.

Engineering & Construction

Project-based engineering, document exchange, progress billing (صورت وضعيت), and subcontractor management.

After-Sales Service

Warranty tracking, field service orders, technician assignment, and maintenance history.

Technical Specifications

Deployment

Web-based – works on any modern browser (Chrome, Firefox, Edge, Safari). No client software installation required.

Security

Encrypted sessions, role-based access control, complete audit logging, and GDPR-compliant data protection.

Integration

REST API available for integration with accounting systems, BI tools, and third-party applications.

Localization

English and Persian interfaces with RTL support. Additional languages can be added on request.

Ready to transform your engineering operations?

Request a live demo tailored to your engineering, manufacturing, or equipment repair business.

Request Demo →

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