Madobu™ OS

Product capability brochure
November 2026

MANUFACTURING ERP FOR INDIAN FACTORIES

One system for the floor, the stores, and the books.

Madobu OS is a cloud manufacturing ERP built for Indian MSME and mid-market plants — sales, purchase, stores, production, quality, maintenance, accounts, payroll and controls on one shared record. Same product from a lean single plant to multi-plant / multi-GSTIN operations.

Multi-plant GST | Lot / serial stock | Work orders & BOM | Quality holds | GSTR working papers | Floor kiosk

Built for Indian factories

GSTIN, HSN/SAC, Rule 46 invoice series, e-invoice / e-way JSON, TDS, ITC-04 job-work register, MSME tagging — designed around how Indian plants actually run.

Shop-floor and office together

Work orders, barcodes, QC holds and delivery challans share the same stock and document truth as invoices, ledgers and statutory reports.

Go-live in days, not quarters

Guided onboarding: company & GST → factory blueprint → spreadsheet masters & opening stock → team invites → first production run.

Priced by seats and scope

Platform fee plus full and operations seats. Hosting and standard statutory updates included. Your walkthrough quote is tailored to headcount and plants.

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This brochure describes capabilities shipped in Madobu OS as of November 2026. Scope for a commercial proposal is confirmed in writing.

Who it is for

Stage	Typical fit
Growing plants	A few seats, one GSTIN, leaving billing-only tools and spreadsheets — same Madobu OS.
Established factories	Work orders, lots, quality, job work and accounts on one record; enough users for planning and the floor.
Multi-plant mid-market	Several sites and GSTINs under one company, plant-scoped users, approvals, credit & collections, costing and BI extracts.

First-week setup path

#	Step	What you do
1	Company & GST	Legal name, GSTIN (validated), bank, MSME / Udyam, Rule 46 invoice series.
2	Factory & stores	Industry blueprint: RM / WIP / FG / scrap yards and scrap items.
3	Masters & opening stock	Import items, parties, BOMs and opening stock from spreadsheet (Tally-style headers).
4	Team	Invite users by link; roles and full / operations seats.
5	Golden run	Release a work order, complete output, raise the first tax invoice.

Modules at a glance

Sales

- Quotations with online customer share / approve
- Sales orders with plant, customer PO, tax lines
- Promise Desk for ship-date evaluation
- Delivery challans and packing fields

Purchase

- Purchase requests / indents
- Purchase orders (including from sales demand)
- Goods receipt (GRN) with QC hold path
- Approval thresholds on PO value

Stores & inventory

- Multi-warehouse stock by availability
- Lot / batch / serial identity
- Barcode resolve, receive, issue, adjust
- Customer-owned material (CMR) kept separate
- Warehouse transfers; scrap yards

Production

- Multi-level BOM with scrap / yield allowance
- Routings and work centres
- Work orders: release, reserve material, complete
- Light MRP / time-phased planning
- Available-to-promise; scrap & rework paths
- Serial as-built genealogy on completion

Modules (continued)

Job work & subcontracting

- Outward challans to job workers
- Return receipts, inspection, processed receipts
- Deemed supply / GST handling for job work
- ITC-04 style register for the CA

Quality (QMS)

- Incoming inspection; release from QC hold
- Nonconformances and CAPA close-out
- Dispositions: accept, reject, rework, scrap, RTV, concession
- Documents, competence, supplier evaluation
- Calibration / measuring equipment records
- ISO-oriented quality profile and clause depth

Maintenance

- Preventive maintenance plans
- Breakdown logging and resolution
- Spares consumption
- Calibration links and OEE views

Accounts & finance

- Chart of accounts; journals; trial balance
- Sales invoices & purchase bills (GST split)
- Receipts, credit notes, ageing, credit limits
- Bank accounts, imports, reconciliation
- Fixed assets & depreciation
- Statutory financial statements (Schedule III style)
- Year-end provisions and hard FY close
- Perpetual inventory valuation / cost layers
- Costing reports & margin views

GST & statutory India

- Multi-GSTIN under one company / PAN
- Plant bound to GSTIN; plant-scoped access
- GSTR-1 JSON export; GSTR-3B working paper
- Internal purchase ITC register (not GSTN 2B)
- TDS sections, challans, deductee detail
- E-invoice and e-way bill JSON for offline tools
- Immutable audit trail with reason codes

People (HR)

- Employees, org structure, skills
- Attendance muster, overtime
- Leave types, balances, manager approval
- Payroll runs, payslips, EPF / ESIC / PT
- Expense claims with approval

CRM & approvals

- Leads pipeline → win to customer / quote
- Customer 360 view
- Unified approval inbox (leave, expenses, payroll, quotes)
- Maker-checker on invoices / journals when enabled

Analytics & floor kiosk

- Operational dashboards (sales, stock, cash, people)
- CSV / BI extracts for Power BI and similar tools
- Large-button floor kiosk: receive, scan, inspect, produce, breakdown

Controls & platform

- **Multi-tenant cloud** with PostgreSQL row-level security between companies
- **Roles & seats** — full ERP seats and lighter operations / floor seats
- **Plant access** — restrict users to the plants they own
- **Document series** — Rule 46 FY invoice numbering per GSTIN series
- **Customer portal** — share quotations for review / approve
- **Optional dedicated database** for tenants that need isolation

Signature manufacturing flows

Stock you can believe

Quantities live by store and by lot, batch or serial. Customer-supplied material for job work is recorded as theirs — it does not inflate your inventory asset. Inspection lots sit on QC hold and cannot be issued until released.

- Lot / batch / serial identity
- Customer material (CMR) ownership
- Barcode scan on the floor
- QC holds that block use

Floor and office on the same job

Releasing a work order reserves material. Operators log good, reject and downtime. Completing the order books finished goods (with as-built genealogy when serial) and process scrap into the scrap yard.

- BOM + routing → work order
- Material reserved on release
- Serial as-built on completion
- FG and scrap booked together

Tax files when your CA asks

Each plant keeps its GSTIN. GST and TDS come from posted invoices and bills. You download GSTR working papers, TDS detail, and e-invoice / e-way JSON — filing on the government portal stays with you or your chartered accountant.

- Plant ↔ GSTIN binding
- GSTR-1 JSON and GSTR-3B working paper
- TDS challans with deductee detail
- E-invoice and e-way JSON

Coming later

Roadmap work continues after go-live — deeper automation and richer floor connectivity. Nothing in this brochure depends on those future releases; everything listed above is available in the product as shipped today.

Commercial snapshot

Model	SaaS subscription — platform + seats (full & operations)
Included	Cloud hosting, security updates, Indian statutory GST / e-invoicing updates when released, audit trail, one complimentary auditor / CA read-only seat, base document storage
Optional	Extra storage, dedicated database, Priority AMS retainer, implementation package, on-site / remote professional services
Billing	Quoted for your headcount, plants and add-ons — not a public rate card

Next step

Book a walkthrough on your demo data or a short discovery for your plant. We will map your GSTIN / stores / BOM reality onto Madobu OS and leave you with a written commercial quote.

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