



Duocron ERP for Coffee Manufacturing

From Bean to Brew – The Smarter ERP for Every
Coffee Batch!



Introduction

Coffee manufacturing is a delicate balance of art, science, and precision—from sourcing beans to roasting, packaging, and distribution. **Managing roast profiles, seasonal variability, quality control, and traceability** requires more than spreadsheets or generic tools.

Duocron ERP, **built on ERPNext and tailored for coffee manufacturing**, offers an industry-specific, AI-powered solution. Whether you're dealing with green bean procurement, roast curve optimization, or multi-channel order management, Duocron ERP centralizes every step into one powerful platform.

From **WMS for inventory tracking to AI-led demand forecasting, and even B2B marketing tools** to grow your distribution network—this is ERP designed to fuel your growth, not just manage it.

Whether you're a single-origin artisan roaster or a high-volume coffee processor, Duocron ERP ensures every lot is traceable, every machine is optimized, and every dispatch is seamless—no plugins, no patchwork. Just a smooth blend.

What Makes Duocron ERP Sets Apart?

✓ **Unlimited User Licenses,
Just one flat fee**

✓ **Fully optimized, yet easily
customizable.**

✓ **Built-in Custom Industry
Specific Features**

✓ **Seamlessly integrates with
AI and other tools.**

**10+ Years of
Experience**

**24*7 Customer
Support**

**Worldwide
Presence**

We Understand Your Challenges

■ Inconsistent Roasting Profiles

Maintaining consistency across roast batches is tough without temperature, time, and profile logging tied to each lot. Variations lead to quality issues and brand reputation loss.

■ Complex Recipes with Batch Variations

Different SKUs demand varying roast levels and blends. Manual recipe adjustments slow down the process and increase errors during production scaling.

■ Manual Quality Control & Grading

Manual inspections delay decisions. Without digital QC workflows, issues like bean defects, under-roasting, or contamination go unnoticed until after packaging.

■ Seasonal Variability in Bean Supply

Bean availability fluctuates seasonally. Without demand forecasting and vendor coordination, stockouts or overstocking can hurt production schedules and margins.

■ Lack of Real-Time Inventory Tracking

Without an integrated WMS, managing green, roasted, ground, and packaged inventory across warehouses leads to spoilage, stockouts, or excess holding costs.

■ Long Lead Times & Vendor Dependence

Reactive procurement, delayed shipments, and untracked contracts cause roasting disruptions and loss of customer trust in timely delivery.

We Understand Your Challenges

■ Paper-Based Batch Records & Job Sheets

Roast logs, SOPs, and batch tracking done on paper risk loss, inconsistency, and non-compliance with food safety audits or traceability requirements.

■ Limited Visibility Across Sales Channels

Distributors, cafés, and B2B buyers need separate coordination. Without centralized CRM and order management, fulfilling multi-channel orders becomes chaotic.



Key Features

Product Formula / Recipe Management



Standardize and scale your roasting and blending operations with precise recipe control. Supports multiple variants, origin-based blends, and roast-level formulations.

Bill of Material (Packaging Formula)



Design packaging-specific BOMs for pouches, jars, or boxes. Control by SKU, size, and labeling requirement, with automated quantity roll-ups for batch runs.

Production Management



Plan, monitor, and control roast cycles and packaging lines in real time. Track machine utilization, production delays, and batch throughput from a central dashboard.

Quality Control & Inspection Management



Implement multi-stage QC—from green bean grading to final packaging. Record cupping results, moisture levels, and physical defects using barcode-linked inspection logs.

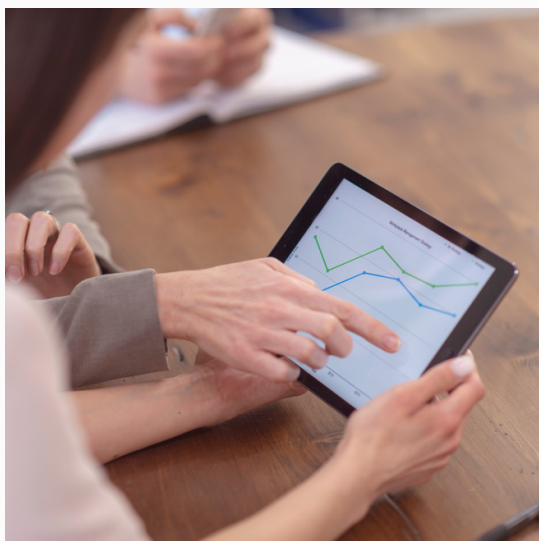
Key Features

Physical Properties Tracking



Log critical parameters like density, bean size, roast color, and water activity per batch. Ensure consistent quality and food safety compliance.

Compliance & Audit Trail



Auto-generate batch-wise logs, roast reports, and traceability documents required for EU food safety and organic/export certifications.

Inventory Management & Replenishment



Manage real-time stock across green beans, roasted inventory, and packaging. Auto-replenish based on reorder points and historical consumption.

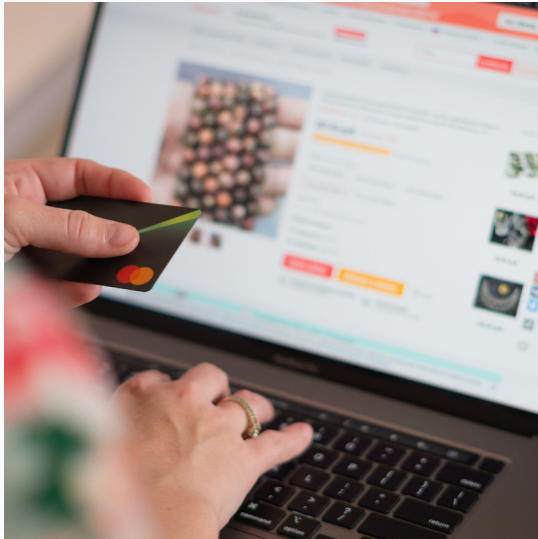
Warehouse Management (WMS)



Zone-based inventory, batch expiry alerts, FIFO/LIFO logic, and barcode tracking across multiple warehouses—all integrated with dispatch.

Key Features

Purchase & Sales Order Management



Automate procurement based on forecasts and MRP. Track supplier performance, lead times, and coordinate B2B, café, and retail orders seamlessly.

Finance Management (GL, AR, AP, Banking)



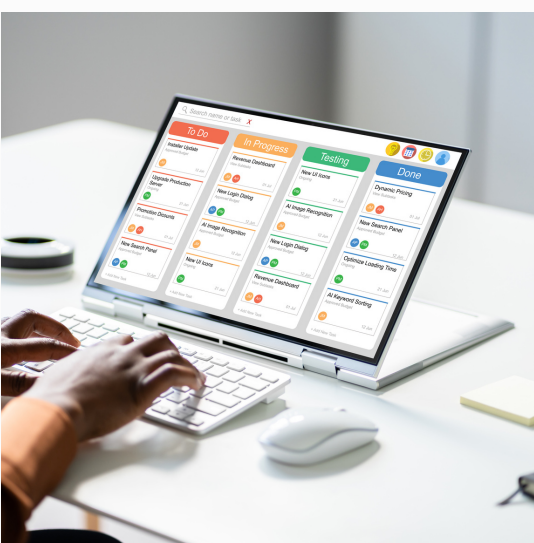
Track every penny—handle vendor payments, invoice generation, and multi-currency banking with built-in finance modules aligned with global standards.

CRM & Service Management



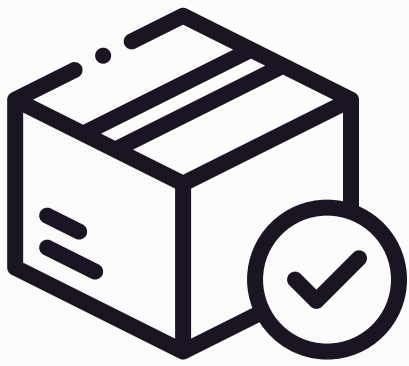
Manage distributors, retail partners, and direct B2B clients. Log inquiries, service calls, and order history for personalized support and upselling.

Project Management



Oversee roasting R&D, compliance upgrades, or new facility setup using task boards, milestones, and real-time progress tracking.

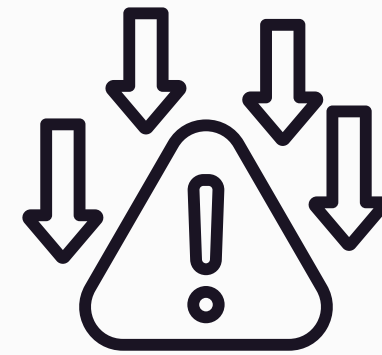
Real Benefits, Real Success



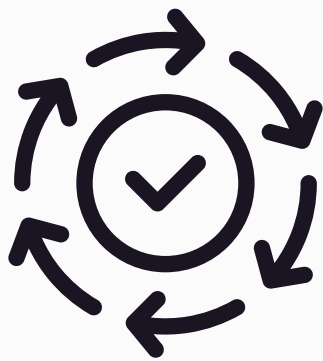
Accelerates market
readiness



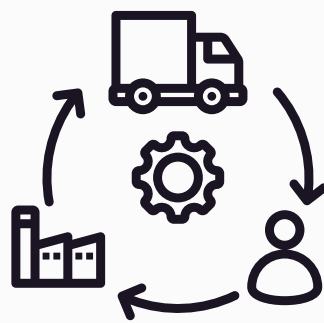
Reduces operational
costs



Mitigates
compliance risks



Boosts product
consistency



Optimizes inventory
turnover



Strengthens supplier
partnerships



Enhances financial
transparency



Expedites sales
cycles



Protects brand
reputation



Contact Us for more
information about
DuoCron ERP for
Coffee Industry



www.duocron.com



sales@duocron.com

