

## Machining Capability Sheet – Food, Agro & Marine

*(IndiaUnbox Verified Processing & Export Facilities)*

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### Agro & Food Processing

- **Milling & Sorting:**
    - Rice mills, wheat & pulse milling units.
    - Color sorters, gravity separators, de-stoners.
  - **Spice Processing:**
    - Cleaning, roasting, grinding, blending, sterilization.
    - Cryogenic grinding for spices & herbs.
  - **Oil Extraction & Refining:**
    - Cold press & solvent extraction units.
    - Refining, deodorizing, packaging.
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### Processed & Packaged Foods

- **Snack & Bakery Lines:**
    - Extruders, fryers, baking ovens, coating drums.
    - Chocolate enrobing, confectionery molding.
  - **Dairy Processing:**
    - Pasteurizers, homogenizers, spray dryers, cheese vats.
  - **Ready-to-Eat Meals:**
    - Retort pouch sterilizers, vacuum sealers, MAP (Modified Atmosphere Packaging).
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### Marine Processing

- **Cold Chain Facilities:**
  - IQF (Individual Quick Freezing) tunnels.
  - Blast freezers, plate freezers, cold storage (-40°C).
- **Seafood Processing Units:**
  - Cleaning, de-heading, deveining, filleting.
  - Value addition: breading, battering, marination.
- **Packaging:**

- Vacuum packaging, thermoforming, skin packaging.
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### ✓ Testing & Quality Control

- **Food Safety Labs:**
    - Microbiological testing, chemical analysis, sensory evaluation.
  - **Shelf Life Testing:** Stability chambers & accelerated aging.
  - **Compliance:** FSSAI, HACCP, ISO 22000, BRC, Halal, Kosher, FDA.
  - **Traceability Systems:** QR/barcode trace-back from farm/fishery.
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### 🌱 Sustainability & Compliance

- Solar-powered cold storage & processing units.
  - Eco-friendly packaging: biodegradable films, paper-based packs.
  - Organic certification: NPOP, USDA Organic, EU Organic.
  - Fair Trade and sustainability certification for agro & marine exports.
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### 🗺️ Regional Strengths

- **Andhra Pradesh, Gujarat, Kerala:** Marine exports (shrimp, fish, crab).
  - **Punjab, Haryana, Uttar Pradesh:** Grains, pulses, agro commodities.
  - **Kerala, Rajasthan:** Spices & herbs.
  - **Maharashtra, Karnataka:** Processed foods, fruits, beverages.
  - **Odisha, West Bengal:** Rice, fish, aquaculture hubs.
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### ✓ IndiaUnbox Assures:

- Access to **modern food & marine processing plants**.
- **Scalability:** pilot batches to container-load exports.
- **Global compliance & certifications** guaranteed.
- On-time delivery with cold chain & export packaging.

📄 [Download Machining Capability Sheet \(PDF\)](#)