

## **Machining Capability Sheet – Leather & Footwear**

*(IndiaUnbox Verified Tanneries & Manufacturing Units)*

---

### **Leather Processing & Tanning**

- **Tanneries:** Vegetable, chrome-free, and eco-tanning facilities.
  - **Processes:** Wet blue to finished leather (full-grain, nubuck, suede, nappa).
  - **Finishes:** Embossing, oiling, waterproofing, polishing.
  - **Compliance:** LWG-certified, REACH compliant, chromium VI-free.
- 

### **Cutting & Clicking**

- **Machines:** Hydraulic clicking presses, CAD/CAM cutting tables, die presses.
  - **Capabilities:** Precision cutting of leather & synthetic materials.
  - **Patterns:** Manual & digital pattern making for shoes, bags, belts.
- 

### **Stitching & Assembly**

- **Sewing Machines:** Flatbed, post-bed, cylinder-bed, heavy-duty for leather.
  - **Processes:** Stitching uppers, bags, wallets, accessories.
  - **Capacity:** 1,000–20,000 pcs/day depending on product type.
- 

### **Footwear Manufacturing**

- **Lasting Machines:** Toe lasting, side lasting, heel seat lasting.
  - **Sole Attachment:** Direct injection molding (PU/TPR), cemented, stitched.
  - **Finishing Lines:** Buffing, polishing, painting, burnishing.
  - **Output:** 500–10,000 pairs/day per unit.
- 

### **Leather Goods Production**

- **Machinery:** Skiving machines, embossing presses, riveting & punching units.
  - **Processes:** Edge painting, hot stamping, embossing with logos.
  - **Products:** Bags, belts, wallets, jackets, gloves.
-

### ✅ Testing & Quality Control

- **Mechanical Tests:** Flexing, abrasion, adhesion, hardness.
  - **Footwear Tests:** Slip resistance, waterproofing, sole bonding strength.
  - **Chemical Tests:** Azo-free, chromium VI-free, phthalate-free compliance.
  - **Certifications:** SATRA, ISO, BIS labs available.
- 

### 🌱 Sustainability & Compliance

- **Eco-Leather:** Vegetable-tanned, recycled leather, vegan alternatives.
  - **Sustainable Soles:** EVA, cork, biodegradable rubber.
  - **Certifications:** LWG, OEKO-TEX, SA 8000, ISO 14001.
- 

### 📍 Regional Strengths

- **Agra & Kanpur (UP):** Leather footwear & saddlery.
  - **Chennai, Ambur, Ranipet (TN):** Tanning & leather shoes.
  - **Kolkata (WB):** Bags, wallets, saddlery.
  - **Delhi & Mumbai:** Fashion footwear, bags & accessories.
- 

### ✅ IndiaUnbox Assures:

- Access to **modern & certified facilities**.
- Scalability from **100 pcs samples to 50,000+ pcs bulk production**.
- **Compliance, quality, and export packaging** guaranteed.

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