

Machining Capability Sheet – Textiles & Apparel

(IndiaUnbox Verified Facilities)

1. Fabric Manufacturing Capabilities

- **Knitting Machines:**
 - Single Jersey, Double Jersey, Rib, Interlock, Fleece, Piqué
 - Circular Knitting: 18–36 gauge, diameter 30–40 inches
 - Capacity: 2,000–10,000 kg/day per unit
 - **Weaving Machines:**
 - Air-jet, Rapier, Projectile, Jacquard, Dobby Looms
 - Width Range: 48–132 inches
 - Capacity: 50,000–1,00,000 meters/month
 - **Denim Processing:**
 - Rope Dyeing, Slasher Dyeing, Sanforizing, Mercerizing
 - Stretch/non-stretch denim (4–14 oz)
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2. Apparel & Garmenting Capabilities

- **Cutting**
 - Automatic CAD/CAM Cutting Tables
 - Band Knife / Straight Knife Cutters
 - Daily Output: 10,000–30,000 pieces
 - **Stitching Machines**
 - Single Needle Lockstitch, Overlock, Flatlock, Bar-tack
 - Specialized: Button Hole, Button Stitch, Fusing, Blind Stitch
 - Capacity: 5,000–25,000 garments/day
 - **Finishing & Washing**
 - Industrial Laundries (enzyme/stone/ozone washes)
 - Garment Dyeing, Coating, Digital Printing
 - Embroidery: Multi-head (up to 56 heads, 12 colors)
 - Heat Transfer, Screen Printing, Sublimation Units
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3. Home Textiles Machinery

- **Looms:** Power Looms, Jacquard Looms, Dobby Looms for bed linen & furnishings
 - **Processing:** Quilting, Padding, Terry Towel Looms (Dobby/Jacquard)
 - **Capacity:** 25,000–50,000 meters/day across clusters
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4. Sustainability & Compliance Facilities

- **Dye Houses with Zero Liquid Discharge (ZLD)**
 - **GOTS / OEKO-TEX / Fair Trade certified units**
 - **Recycled PET yarn processing lines**
 - **Organic cotton ginning & spinning facilities**
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5. Regional Strengths

- **Tiruppur (TN):** Knitwear, Athleisure, Innerwear
 - **Noida/Gurugram (NCR):** Fashion Apparel, Tailoring
 - **Ludhiana (PB):** Wool & Winterwear
 - **Surat (GJ):** Synthetics, Digital Prints
 - **Ahmedabad (GJ):** Denim & Shirting
 - **Karur (TN):** Home Textiles
 - **Jaipur (RJ):** Block Prints & Handcrafted Apparel
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6. Key Technical Highlights

- CAD-based tech packs & pattern making (CLO/Browzwear/Optitex)
 - 3D virtual sampling (reduces first-fit iterations by 50%)
 - Small batch prototyping (50–100 pcs) to large-scale production (100,000+ pcs/month)
 - Custom trims, labels, packaging production in-house
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IndiaUnbox assures:

- Fit-for-use performance
- RSL & compliance control
- Scalable, on-time delivery

 **Download the detailed Machining Capability Sheet (PDF)**

