

Introduction to Project Profiles of Woollen Shawls

This section covers three model project reports to manufacture Woollen Shawls on Semi automatic and modern Shuttleless Rapier Powerlooms. The Woollen/ Acrylic/ Viscose Shawls are mainly manufactured in and around Amritsar and Ludhiana (Punjab). The comparative study of the manufacturing of woollen shawls on eight Semi-automatic powerlooms, sixteen Semi-automatic powerlooms and two Rapier shuttleless powerlooms is also prepared. The Rapier looms are suitable for the manufacturing of Woollen Shawls as the woollen yarn strength is less than the yarn of Cotton , Polyester and blends.

Comparison of units

| Sr. No. | Items | No. of looms | | |
|---------|----------------------------|--------------------------------|--------------------------------|------------------------------|
| | | 8 | 16 | 2 |
| 1. | No. of looms | 8 | 16 | 2 |
| 2. | Class of loom width | Semi automatic 182 cm x 4/1 | Semi automatic 182 cm x 4/1 | Rapier shuttleless 320 cm |
| 3. | Jacquard | Mechanical | Mechanical | Electronic |
| 4. | No. of hooks | 900 | 1200 | 2688 |
| 5. | Items of manufacture | Shawl | Shawl | Shawl |
| 6. | No. of employees | 39 | 60 | 27 |
| 7. | No. of pcs. /year | 54,416 | 1,14,560 | 87,352 |
| 8. | Sales value/year (Rs lakh) | 190.45 | 400.96 | 349.41 |
| 9. | Project cost (Rs lakh) | 68.60 | 100.20 | 172.20 |

| | | | | |
|-----|---|-------|--------|--------|
| 1. | Land area (Sq. ft.) | 8,850 | 10,900 | 7,700 |
| 2. | Built up area (Sq.ft.) | 5,320 | 6,520 | 4,620 |
| 3. | Cost of land (Rs. lakh) | 8.90 | 10.90 | 7.70 |
| 4. | Cost of building (Rs lakh) | 18.62 | 22.82 | 16.17 |
| 5. | Value of plant & machines (Rs. lakh) | 28.75 | 46.94 | 127.25 |
| 6. | Salary & wages (Rs. lakh) | 22.56 | 31.68 | 18.00 |
| 7. | Power cost (Rs. lakh) | 6.55 | 16.24 | 13.68 |
| 8. | Raw material cost (Rs. lakh) | 80.80 | 178.40 | 148.64 |
| 9. | Other expenses excluding raw material & salary & wages (Rs. lakh) | 30.38 | 57.33 | 46.92 |
| 10. | Gross profit (Rs. lakh) | 56.71 | 133.55 | 135.85 |
| 11. | Net profit (Rs. lakh) | 27.19 | 74.26 | 62.12 |
| 12. | Break even point %age | 43.24 | 28.33 | 38.63 |
| 13. | Debt Service Coverage Ratio (DSCR) | 3.00 | 5.04 | 3.32 |
| 14. | Internal Rate of Return (IRR) | 17% | 39% | 19% |
| 15. | Profit per shawl (Rs.) | 49.97 | 64.82 | 71.11 |

Please click on the next pages for detailed project profiles of above-stated categories.