



SPARS INDUSTRIES



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Lucknow address: E-4/327 Sec- 0, Mansarovar Yojana New Gadaura, Lucknow 226008

Delhi NCR address: Plot no-60 Shahnai Garden Near Ballabhgarh Metro station Faridabad, Haryana 121004

NON-WOVEN BAG MAKING MACHINE PROJECT REPORT (ESTIMATED)

S. No	Particulars	Description	Qty	ESTIMATED Price
1	SI- 700	Automatic Non-woven Bag Making Machine	1	14, 00, 000-00
2	SERVO STABILIZER	20 KVA	1	65, 000-00
3	Air Compressor	5hp	1	75, 000-00
4	Working Capital	To be invested in raw material & infrastructure		7, 00,000-00
Total amount to be invested				22, 40,000-00

Total amount to be invested: - (₹ Twenty Two Lakhs Forty Thousand Only.)

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OPERATING COST OF THE MACHINE

Labour Cost: -

Number of Workers per Shift			
Particulars	Machine Operator	Helper	Total
Number / 2 Shift	1	2	
Salary	16,000/-	7,000/-	
Labour Cost per Month/2 shift	16,000 x 2 32,000/-	7,000 x 4 28,000/-	60,000/-

1. Total Labour Cost: -	60,000/-
2. Shed Rent: - 1500/Sq. Feet X Rs. 12 sq. Feet =	18,000/-
3. Interest: - 1% of the investment =	22,400/-
4. Power 15 kw: -	16,000/-
5. Miscellaneous Expenses: -	15,000/-
Total	1, 31,400/-

(₹ One Lakh Thirty One Thousand Four Hundred Only)

TOTAL PRODUCTION AND PROFITABILITY

Production: -

1. Production Per Minute 60-80 Pcs
2. Total Production Of The Machine Per Shift : - $70 \times 60 \times 8 = 33,600$ Pcs approx
3. Total Production Of The Machine Per Day : - $33,600 \times 2 = 67,200$ Pcs approx
4. Total Production Of The Machine Per Month : - $67,200 \times 24 = 16,12,800$ Pcs approx
5. Quantity Of Bags In 1 Kg = 52 Pcs (size 15"x20")
6. Total Production Of Month : - $16,12,800 \div 52 = 31,015$ Kgs
7. Cost Of Fabric : - ₹ 122/- Per Kg
8. Cost Of Bags : - ₹ 142/- Per Kg
9. Total Work Of The Month : - $142 - 122 = 20 \times 31,015 = 6,20,300/-$

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10. Less Total Expense per Month: - 6, 20,300 - 1, 31,400 = 4, 88,900/-

Total Minimum Profit per Month = ₹ 4, 88,900/- (₹ Four

Lakhs Eighty Eight Thousand Nine Hundred Only.)

EASY STEP TO CALCULATION FABRIC TO BAG COSTING PER KG:

FABRIC TO BAG COSTING PER KG FORMULA:

ELECTRICITY BILL + SHED RENT + SALARY + WASTAGE + TRANSPORTATION + MISCELLANEOUS PRODUCTION

PRODUCTION = 500 (Kg/Shift) X 24 (DAYS) = 12,000 (Kg)

PRODUCTION COST:-

- **ELECTRICITY BILL** = 8 (UNIT PER HOUR) X 10 (RS PER UNIT) = 80 (₹/hr)
{80 (RS) X 8(HOUR) = 640 (RS PER SHIFT)} = {640 (RS PER SHIFT) X 25 (DAYS) = **16,000/- (₹/month)}**
- **SHED RENT** = **15,000/- (₹/month)**
- **SALARY** (1 OPERATOR + 2 HELPER) = **30,000/- (₹/month)**
- **WASTAGE** {(0.03 PER KG=150 Kg) = (WASTAGE SELLING PRICE = 30 ₹/Kg)}
{150 (Kg) X 30 (₹) = 4500 (₹)} = {150 (Kg) X 122 (FABRIC ₹/Kg) = 18,300}
{18,300 - 4500 = **13,800/- (₹/month)**
- **LOCAL TRANSPORTATION** = **5,000/- (₹/month)**
- **MISCELLANEOUS EXPENSES** = **5,000/- (₹/month)**

TOTAL EXPENSE =

16,000 + 15,000 + 30,000 + 13,800 + 5,000 + 5,000
12,000

= {₹ 84,800 / 12000 kg}

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PER KG BAG MAKING COST = ₹ 7.06/kg

Assumptions and Facts

- In the projection stated here we have given the maximum expense and the minimum profit that the owner can is likely to get in the toughest circumstances.
- The profit will increase remarkably if the owner runs more than one machine as fixed costs gets divided and viable costs have more weight-age.
- The projections would be true only if one is able to run the machine continuously.
- The rate of fabric and bags are the standard rate prevailing in the market of delhi, at present. It is however subjected to change due to fluctuating market conditions.
- A person who has brought a new machine would initially find it difficult to run the machine unless and until his business gets stable and settled.

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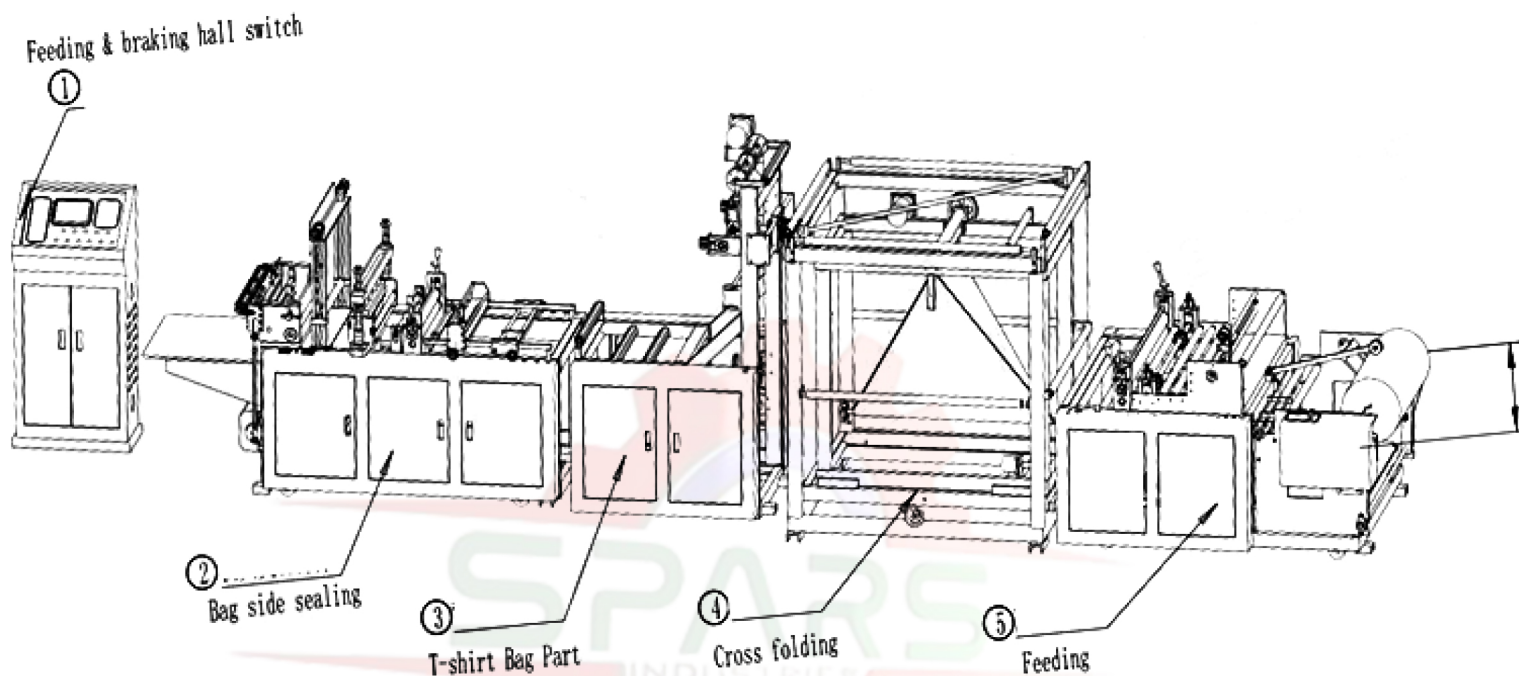
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This could affect the profitability on the whole as most of his expense is fixed except electricity & transportation

Equipment and names of institutions :-



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● Making Process



roll material



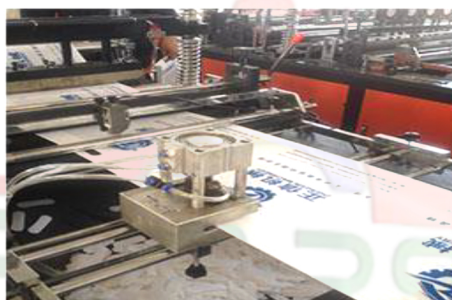
feeding-edge folding



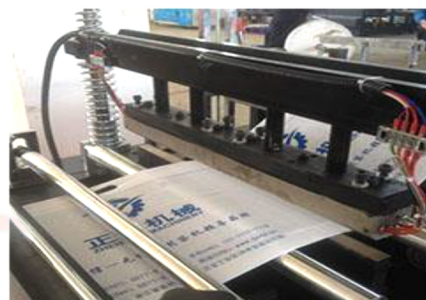
sealing



cross folding



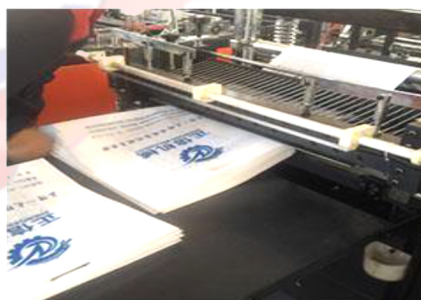
punching



sealing



cutting



collection

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