

Khadi and Village Industries Commission Mumbai

PROJECT PROFILE ON BLOW MOULDED PLASTIC CONTAINERS

Introduction :

Thermoplastic materials like high density polyethylene polypropylene, PVC can be blow moulded into containers of different shapes and sizes for packing pharmaceuticals, Chemicals, solvents, acids, vegetable oil etc. The lightweight, flexibility, chemical resistant, attractive colour are the positive qualities in favour of thermoplastics for packaging application.

1 Name of the Product : BLOW MOULDED PLASTIC CONTAINERS

2 Project Cost :

a Capital Expenditure

Land	:			Own
Work shed in sq.ft rented	:	0	Rs.	-
Equipment	:		Rs.	852,000.00

Semi automatic extrusion blow moulding machinery, 50mm Screw extruder with 10 HP motor, variable speed drive and electrical control cabinet, cross head dies (single, double & triple) cores and spacer), Mould closing & opening unit with Hydraulic system + 5 HP motor, Compressor (100 PSI) with 5 HP motor, Water Pump 1 HP motor, Moulds dies, tools etc., Furniture, fixtures and office equipment.

Total Capital Expenditure	Rs.	852,000.00
b Working Capital	Rs.	1,075,000.00
TOTAL PROJECT COST :	Rs.	1,927,000.00

3 Estimated Annual Production Capacity: (Rs. in 000)

Sr.No.	Particulars	Capacity in MT	Rate	Total Value
1	BLOW MOULDED PLASTIC CONTAINERS	55.00	86860.00	4846.28
TOTAL		55.00	86860.00	4846.28

4 Raw Material	:	Rs.	3,420,000.00
5 Labels and Packing Material	:	Rs.	75,000.00
6 Wages (6-Skilled & 2- Unskilled)		Rs.	672,000.00
7 Salaries (1-Manager)		Rs.	120,000.00

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8	Administrative Expenses	:	Rs.	120,000.00
9	Overheads	:	Rs.	120,000.00
10	Miscellaneous Expenses	:	Rs.	60,000.00
11	Depreciation	:	Rs.	85,200.00
12	Insurance	:	Rs.	8,520.00
13	Interest (As per the PLR)			
	a. C.E.Loan	:	Rs.	110,760.00
	b. W.C.Loan	:	Rs.	139,750.00
	Total Interest		Rs.	250,510.00
14	Working Capital Requirement	:		
	Fixed Cost		Rs.	419,280.00
	Variable Cost		Rs.	4,426,750.00
	Requirement of WC per Cycle		Rs.	969,206.00

15 Cost Analysis

Sr.No.	Particulars	Capacity Utilization(Rs in '000)			
		100%	60%	70%	80%
1	Fixed Cost	419.28	251.57	293.50	335.42
2	Variable Cost	4427.00	2656.20	3098.90	3541.60
3	Cost of Production	4846.28	2907.77	3392.40	3434.32
4	Projected Sales	5400.00	3240.00	3780.00	4320.00
5	Gross Surplus	553.72	332.23	387.60	442.98
6	Expected Net Surplus	469.00	247.00	302.00	358.00

- Note :
- 1.All figures mentioned above are only indicative.
 - 2.This is model project profile for guidance
 - 3.Cost of Project, and its prioiflity will be changed depends on the area, availability of raw Material, man power, power requirement and various other factors etc..