

# **50,000 Puri per Day Capacity Manufacturing Plant Project Report**

**Key Points:**

- 1) **55% Profit on Total Sales Revenue**
- 2) **Annual Profit=4750153/-**
- 3) **Only Investment of Approx 1500000/-**

PAND P FOOD MACHINES

## **1 Introduction**

Panipuri is popular food item in India. It is mainly made from Rawa. It is round shape puri which is deep fried in Edible Oil. It is easy to digest and very popular and delicious eatable item. The product is having very good market demand in the country.

Panipuri making is time consuming work and require skilled labour, which are not easily available. We want to elaborate our jargon, but is difficult without technology. And to remain in market, it is better to go with technology. By using machine the production rate increase and also the quality of product gets improve. The another benefit is that the manufacturing cost gets reduce which minimize the selling price of product.

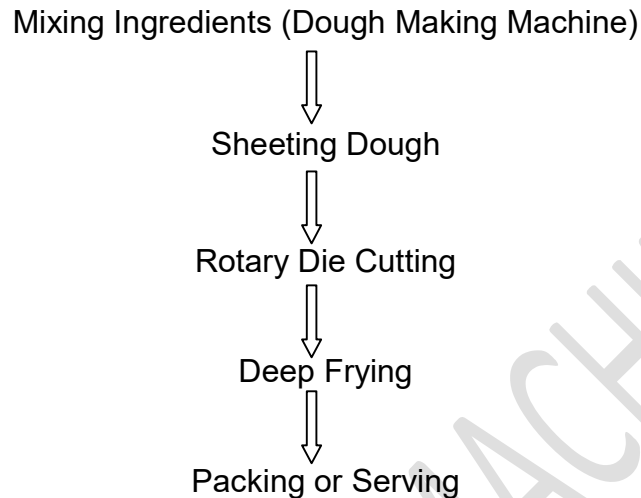
### **1.1 Market Potential**

Market for panipuri is steadily growing across the country. There are not much seasonal fluctuations but demand generally goes up by 10% to 15% during winter season. There are a couple of national brands but the market is predominantly controlled by the local brands. It can be sold through many outlets of provision and departmental stores.

P AND P FOOD MACHINES

## 2 Manufacturing Process

### 2.1 Flow Diagram For Panipuri Making Machine



Panipuri is mainly manufactured from Rawa. Panipuri Recipe Mixture is added in dough making machine to prepare a homogenous mixture. Adequate quantity of water is added to and homogenous mixing is done to form dough.

After about 30 minutes, the dough is inserted in machine. To prepare panipuri, machine has three units as follows.

#### 2.2 Dough Sheeter

Sheeter consists of a heavy duty frame with gaugable roller driven by a motor with gearbox arrangement. The dough just passes between two Teflon coated rollers. After required thickness, dough sheet travels automatically on a food grade conveyor.

A specialized flour sprinkling unit will sprinkle a small amount of flour dust on the dough sheet.

#### 2.3 Rotary Cutting Unit

A rotary cutting unit is fitted on a roller for smooth and accurate cutting of panipuri as per the desired size and the remaining scrap material is sent to a hopper for recycle. At the end, raw panipuri is collected.

These raw panipuri are then deep fried in edible oil.

#### 2.4 Deep Frying

In frying machine, panipuri are deep fried in edible oil.

#### 2.5 Packing

The panipuri is packed in an airtight pocket and sent to market for selling.

### 3Capital Investments

#### 3.1 Land and Building

A plot of land around 200sq.mtrs. With built-up is adequate. Area can be utilized for storage and packing. Certain operations can be planned outside the main building or on the terrace with asbestos roofing.

#### 3.2 Machinery

Before finalizing the manufacturing capacity, a proper market assessment has to be made. But keeping in mind the economic viability, panipuri making capacity of 350 kg per days and 1 shift working is suggested whereas.

Items	Qty.	Price(Rs.)
Dough Making Machine 30kg	1	44840
Dough Sheeting Machine	1	129800
Panipuri Cutting Machine	1	289100
Resting Chamber	3	194700
Fryer		649000
	Total	1307440

#### 3.3 Miscellaneous Asset

Some other asset like aluminum top table, furniture and fixtures, exhaust fans, storage rack etc, shall be required for which a provision of 50000/- is made.

### 3.4 Utilization

Power requirement shall be 5hp. Water required for process and sanitation and potable purpose will be 100 liters.

### 3.5 Raw materials

For panipur making, the important raw material will be flour of Rawa and edible oil etc. other items would be salt, spices ,etc see below table. All the items would be available locally. Printed polyether bags shall be required in different size and adequate arrangements need to be made. For 50000/- puri

Sr.No	Ingredient	% Weight	UOM	Weight in kg
1	Rawa Mota	61.84%	Kg	108.2251
2	Besan	6.18%	Kg	10.8225
3	Udat Dal	3.09%	Kg	5.4113
4	Baking Soda	0.12%	Kg	0.2165
5	Papadkhar	1.86%	Kg	3.2468
6	Water	26.90%	Kg	47.0779
	Total Weight	100.00%		175.0000

## 4 Details of Proposed Project

### 4.1 Machinery

A provision of Rs. 1108000/- lack is adequate as discuss earlier.

### 4.2 Miscellaneous Assets

As explained earlier amount of Rs. 50000/- would be sufficient.

## 5. Cost of Project and Means of Finance

Items	Rs. In lack.
Machinery	1108000
Miscellaneous Assets	0.5
<b>Total</b>	<b>1158000</b>
<b>Means Of Finance</b>	
11	1158000

## 6 Profitability Calculations

### 6.1 Production Capacity and Build-up

Capacity utilization in first year is expected to be 75%. Whereas second year onward, it is to 95%.

### 6.2 Sales Revenue At 100%

Product	Qty. Nos	Rate	Sale Value In INR
Panipuri	17800000	0.6	10680000

## 7. Working Capital

### 7.1 Raw Material (Per annum)

Description		Qty.	Rate(Rs)	Amount Rs.
Rawa Flour	Kg	38530/-	34	1310020
Besan	Kg	3853/-	89	342917
Udat Dal	Kg	1926/-	138	265788
Papad Khar	Kg	1156/-	200	231200
Soda	Kg	77/-	80	6160
Water	Kg	16760/-	1.25	20950
Oil	Kg	17088/-	1000	1708800
Packing Material	Kg	890/-	200	178000
			<b>Total</b>	<b>4063835</b>

## 7.2 Man Power Requirement

Particular	No.	Monthly Salary	Total Monthly Salary(Rs.)
Skilled worker	1	15000	15000
Helper	3	12000	36000
Salesman/Supervisor	1	20000	20000
		<b>Total</b>	<b>53000</b>

## 7.3 Utilization (Per annum)

	Qty	UOM	Rate	Rs.
Power	10324	Unit	15	154850
Fuel gas	6764	Kg	96	649344
Rent	1	Month	15000	180000
	<b>Total</b>			<b>984194</b>

## 7.4 Other Expenses (Per annum)

Description	Rs.
Postage, Telephone	5000
Transportation	50000
Advertisement	50000
Consumables store	5000
Repairs and maintenance	10000
Miscellaneous	10000
<b>Total</b>	<b>130000</b>

## 8 Total Working Capital (Per annum)

Description	Rs.
Raw Material	4063853
Salary And Wedges	636000
Utilization	984194
Other Expenses	130000
<b>Total</b>	<b>5814047</b>

## 9 Cost of Production (Pre annum)

Description	Rs.
Total Working Capital	5814047
Depreciation @ 15%	115800
<b>Total</b>	<b>5929847</b>

## 10 Turn Over (Per Year)

	Qty.	Rate/puri	Amount Rs.
Sale	17800000	0.6	10680000

## 11 Profit Analysis & Ratio

11.1 Net Profit

Rs.4750153/-

11.2 Percentage profit

55%