



**LAXMI**™  
**INDIAPLAST**



## Rubber Extrusions & TPE Products



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**INDIAPLAST**

## Introduction

Laxmi group was established in year 1992 & during it's course it has branched out in various sectors.

- Heat Treatment
- Rubber Compounding
- Rubber Moulding
- Plastic Injection Moulding
- Electrical Switch gear assembly

Laxmi India Plast is one of the new unit of Laxmi group . It has the most advanced machineries along with the best material handling system which enable us to deliver best results.

We are pleased to introduce ourselves as provider of rubber profile of various grades.

- Natural
- EPDM
- CR (Neoprene)
- NBR (Nitrile)
- Silicon (VMQ)
- Viton (FKM)
- SBR
- Sponge
- TPE (Thermo plastic Elastomer)

## Range of extruded rubber profiles & tubing manufactured in our company



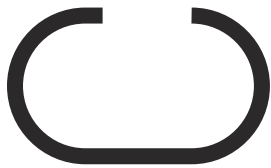
U Channels



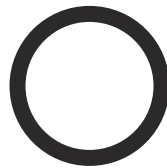
Solid Strip/Cord



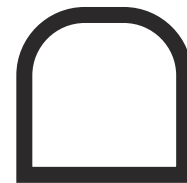
Angle extrusion



Bumper Strips



Extruded Seals &  
Tubing



D - Strip



Door Seal



H - Strip



P - Strip

## Extrusion Infrastructure

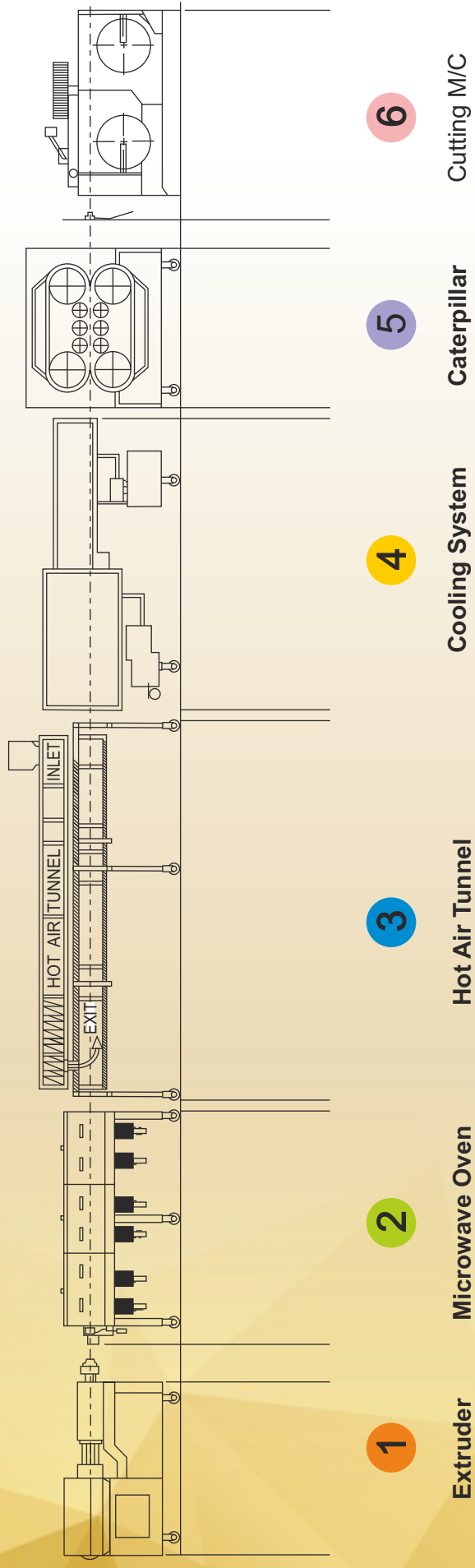


### Extrusion Machine

*90 mm cold feed variable speed extruder*

- 90 mm cold feed extruder with automatic heating controlled by PID controller
- Caterpillar with cutting machine to provide exact dimension of part without causing any damage.
- Production rate ranges from 250 kgs/ hr to 350 kgs/hr.

# Block Diagram of CV lines



## Compounding and Storage Facility



Kneader Machine



Mixing Mill

- For making compound we have designated a separate room for weighing and formulating the recipe of rubber.
- We have fully atmosphere controlled compound storage room which prevents any change in it's properties due to out side atmosphere.



# Testing Facility



Mooney Viscometer



Rheometer



Tensile Strength



Refrigerator



Furnace



Chemical Testing

## Injection Moulding Facility



- 150 ton servo controlled injection moulding machine.
- 180 ton servo controlled injection moulding machine.
- TACT IV controlled used for better output.



## List of Machines

Machine	Qty	Capacity	Make
Cold feed extruder	1	250-350 kgs/hr	Bharaj m/c Pvt. Ltd.
Microwave tunnel ovens	1	8.7 kw	Bharaj m/c Pvt. Ltd.
Hot air ovens	1	4 to 20m/min	Bharaj m/c Pvt. Ltd.
Cooling tunnels	1	0.5 kw	
Caterpillar unit	1	1.5 kw	
Cutting machine	1	3HP	Bharaj m/c Pvt. Ltd.
Kneader	1	35 ltr.	Bharaj m/c Pvt. Ltd.
Mixing mill	1	14 x 36" Roller	Bharaj m/c Pvt. Ltd.
Injection moulding machine	2	180 Ton & 150 Ton	Nissei, Japan Toshiba
Rheometer	1	-	MV
Viscometer (Mooney)	1	-	MV
Tensile Testing machine	1	-	-
Cooling Tower	1	80 TR	Hi-Tech FRP
Air Conditioner	1	5 Ton	-
Overhead cranes	1	5 Ton	-



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