



TECHNO PLAST

# MOULDING EXCELLENCE, EVERY TIME



# Mission

At Techno Plast, our mission is to create state-of-the-art plastics processing technology, enhance product quality, and boost plastic production line efficiency through innovative solutions. This, in turn, delivers financial benefits to our valued customers, all while staying true to our core values.

# Vision

Techno Plast aspires to lead the Plastic Industry as a premier innovator, establishing excellence through our unwavering commitment to safety, quality, and sustainability. We envision a future where our state-of-the-art solutions empower clients to achieve greater efficiency while fostering environmental conservation. By proactively staying ahead of industry trends and continuously enhancing our processes, we aim to create a lasting legacy of innovation and positive global impact.

**25**  
of  
**YEARS**  
**EXPERIENCE**



## History

Since its inception in 1998, Techno Plast has rapidly risen to prominence in the plastic processing machinery sector. Renowned for their top-tier blow molding machines, they specialize in crafting containers from HDPE, LDPE, PP, and Polycarbonate. Their unwavering commitment to innovation, tailor-made solutions, and dependable performance has propelled them into international markets across the Middle East, Africa, and Asia. Techno Plast's relentless pursuit of cutting-edge technology and robust machinery has firmly cemented their prestigious reputation within the industry.

Exports Over

**18+**  
Countries

**480+**  
Machines Installed

Over  
**500+**  
Retro Fitments Done





# Global Network

- India
- Dubai
- Sharjah
- Riyadh
- Dammam
- Hail
- Khartoum
- Al Qassim
- Addis Ababa
- Canada
- Tanzania
- Uganda
- Cameroon
- Rwanda
- Liberia
- Nigeria
- Kenya
- Sri-Lanka



**Mr. Nitin Nayak**  
(Founder & Proprietor)

- Experience:** 15+ Years of experience in blow molding machine manufacturing & maintenance prior to establishing Techno Plast.
- Total Experience:** 40+ Years in blow molding machine manufacturing & maintenance.
- Academics:** Mechanical Engineering in Mumbai which laid the Foundation for his technical expertise & innovation approach to machine design.

## Philosophy

### Quality over Quantity

Techno Plast firmly believes in the principle of Quality over Quantity. We are dedicated to ensure that every product from Techno Plast meets highest standards of excellence, focusing on delivering superior performance, durability, and reliability rather than mass production. This commitment to quality ensures customer satisfaction and long-term success in the industry.

### Excellence through Dedication

Techno Plast embodies the principle of "excellence through dedication". We believe that unwavering commitment and passion for one's work naturally led to outstanding results. This philosophy drives Techno Plast to consistently innovate and uphold the highest standards, ensuring that excellence is not just a goal but a continuous journey

# BLOWING PERFECTION, INTO PLASTICS

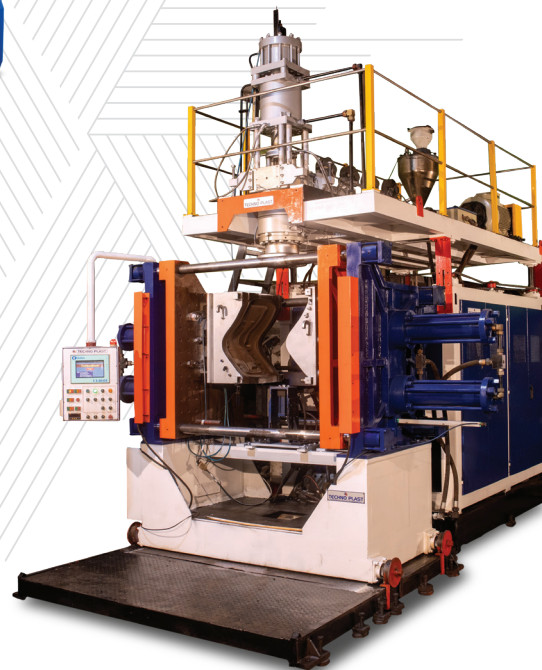
Blow Moulding Machines  
Ranging from 5L to 500L



Single Layer  
Accumulator Series  
TP30L



Continuous Parison Series



Single Layer Accumulator Series  
TP100L

## APPLICATION INDUSTRIES

- ▶ FMCG
- ▶ CHEMICAL
- ▶ AUTOMOBILE
- ▶ COSMETICS
- ▶ WATER STORAGE TANKS



# ICE TRAYS & FLOATERS



Ice Trays (Bottom)



Ice Trays (Top)



Water Floaters



## Continuous Parison Series

	UNIT	TP-3 SS	TP-3 DS	TP-5 SS	TP-5 DS	TP-10 SS	TP-10 DS
<b>EXTRUDER :</b>							
Screw Diameter	MM	50	60	65	75	70	80
Length Diameter Ratio	L/D	24	24	26	24	24	24
Maximum Plasticizing Capacity	KG / HR	45	75	100	120	100	130
Extruder Motor (Variable)	HP	15	25	25	40	30	40
Heating Load	KW	8	12	18	20	23	26
Maximum Screw Speed	RPM	90	90	90	90	90	90
<b>CONTINUOUS PARISON HEAD</b>							
Heating Load	KW	5	5	6	6	11	11
Parison Control Cylinder	DIA	100	100	100	100	125	125
Die Core Size (Min / Max.)	MM	15 / 115	15 / 115	50/150	50 / 150	100 / 200	100/200
<b>MOULD CLAMPING UNIT</b>							
Maximum Opening	MM	470	470	500	500	700	700
Minimum Opening	MM	170	170	200	200	250	250
Maximum Mold Size ( W x H )	MM	350 X 400	350 X 400	390 X 470	390 X 470	525 X 600	525 X 600
Mould Clamping Force	TONE	6	6	8	8	12	12
<b>HYDRAULIC SYSTEM</b>							
Hydraulic Drive Motor	HP	7.5	10	7.5	10	15	15
Oil Tank Capacity	LTR	140	175	140	180	220	300
Article Weight	GRAMS	110 - 130	110-130	180-220	180-220	400-500	400-500
Production rate	PCS/HR	185	270- 300	140	270-280	80	150
Total Connecting Load	HP / KW	40.5 / 30.2	59 / 43.9	64.5 / 48	84.8 / 63.2	94 / 70	108 / 80.5

\*specifications are subject to change on account of technical development. We reserve the right to change the specifications without any prior notice.

### OPTIONAL FEATURES :

- 1. Multi Head Feature
- 2. Multi Colour
- 3. Multi Layer 2/3/4/5
- 4. Multi Layer For Coex
- 5. Servo System Feature
- 6. Hybrid Unit
- 7. Auto Deflashing Unit
- 8. Automatic Loading Unit
- 9. Conveyor Systems
- 10. In Mould Labeling

# CUSTOMIZATION IS THE LUXURY THAT OUR CLIENTS CAN AFFORD

## Single Layer Accumulator Series TP-10 to TP-60

	UNIT	TP - 10	TP - 20	TP - 30	TP - 60
<b>EXTRUDER :</b>					
Screw Diameter	MM	60	70	80	90
Length Diameter Ratio	L/D	24	26	26	26
Maximum Plasticizing Capacity	KG / HR	70	80	110	130
Extruder Motor (Variable)	HP	25	30	50	60
Heating Load	KW	12	18	22	26
Maximum Screw Speed	RPM	75	75	75	75
<b>ACCUMULATOR DIE HEAD</b>					
ACCUMULATOR CAPACITY	KG	1.5	3	4	5
Heating Load	KW	11	15	14	21
Parison Control Cylinder	DIA	125	150	150	180
Die Core Size (Min / Max.)	MM	80 / 200	90 / 220	110 / 250	140 / 260
<b>MOULD CLAMPING UNIT</b>					
Maximum Opening	MM	700	800	900	1100
Minimum Opening	MM	200	300	300	400
Maximum Mold Size ( W x H )	MM	420 × 580	580 × 700	650 × 700	820 × 850
Mould Clamping Force	TONE	12	16	16	23
<b>HYDRAULIC SYSTEM</b>					
Hydraulic Drive Motor	HP	15	25	25	30
Oil Tank Capacity	LTR	300	400	400	400
Article Weight	KG	0.400 - 0.550	0.900 to 1.2	1.6 - 1.8	2.2 - 2.8
Production rate	PCS/HR	85-80	45-38	35-38	30 - 34
Total Connecting Load	HP / KW	70 / 52.1	99 / 73.8	113 / 84.2	143 / 106.6



### OPTIONAL FEATURES :

1. View Strip Attachment
2. In Mold Labeling
3. Servo Hydraulic
4. Automatic Material Loading
5. Conveyor Automation
6. Take Out Gripper

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# Single Layer Accumulator Series TP-100 to TP-500



	UNIT	TP - 100	TP -210 / 200 L ring	TP - 500
<b>EXTRUDER :</b>				
Screw Diameter	MM	90	110 GB	120 GB
Length Diameter Ratio	L/D	26	28	28
Maximum Plasticizing Capacity	KG / HR	180	340	410
Extruder Motor (Variable)	HP	60	120	150
Heating Load	KW	29	46	52
Maximum Screw Speed	RPM	75	75	80
<b>ACCUMULATOR DIE HEAD</b>				
ACCUMULATOR CAPACITY	KG	7.5	15	20
Heating Load	KW	23	45	50
Parison Control Cylinder	DIA	200	250	350
Die Core Size (Min / Max.)	MM	140 / 330	180 / 330	250 / 500
<b>MOULD CLAMPING UNIT</b>				
Maximum Opening	MM	1400	1700	2100
Minimum Opening	MM	500	700	800
Maximum Mold Size ( W x H )	MM	900 X 1200	1300 X 1650	1500 X 1450
Mould Clamping Force	TONE	46	76	90
<b>HYDRAULIC SYSTEM</b>				
Hydraulic Drive Motor	HP	50	40 / 10	40 / 25
Oil Tank Capacity	LTR	500	900	1000
Article Weight	KG	5 - 6	8 - 11	12-15
Production rate	PCS/HR	24	22	18
Total Connecting Load	HP / KW	179 / 133.4	292 / 217.7	351 / 261.7

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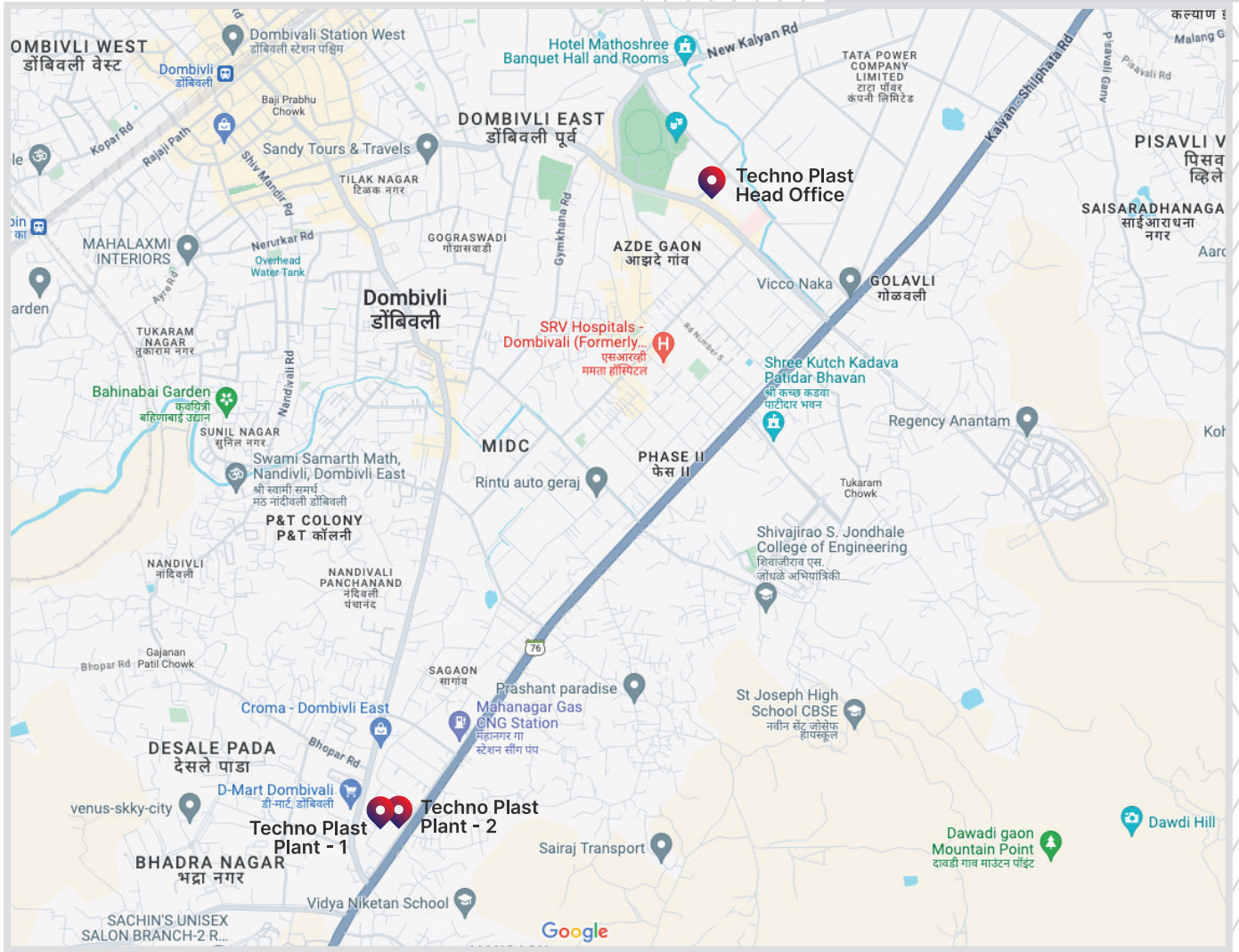
# Multi Layer Series

	UNIT	TP 20 / 3L			TP 30 / 3 L			TP 60 / 3L			TP 100 / 3L			TP 210 / 200 L-ring 3L		
		INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER	INNER	MIDDLE	OUTER
<b>EXTRUDER :</b>																
Screw Diameter	MM	60	70	60	65	75	65	65	80	65	70	80	70	80	100 GB	80
Length Diameter Ratio	L/D	22	24	22	22	24	22	22	24	22	24	24	24	24	28	24
Maximum Plasticizing Capacity	KG / HR	70	100	70	80	110	80	80	120	80	90	120	90	130	280	130
Extruder Motor (Variable)	HP	25	30	25	25	40	25	25	50	25	25	50	25	50	100	50
Heating Load	KW	12	20	12	14	22	14	14	24	14	14	24	14	24	30	24
Maximum Screw Speed	RPM	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
<b>ACCUMULATOR PARISON HEAD</b>																
ACCUMULATOR CAPACITY	KG	3			4			5			8			15		
Heating Load	KW	18			20			32			35			40		
Parison Control Cylinder	DIA	150			150			180			200			250		
Die Core Size (Min / Max.)	MM	90 / 220			110 / 250			140 / 260			140 / 330			180 / 330		
<b>MOULD CLAMPING UNIT</b>																
Maximum Opening	MM	800			900			1100			1400			1700		
Minimum Opening	MM	300			300			400			500			700		
Maximum Mold Size ( W x H )	MM	580 x 700			580 X 700			820 x 850			900 X 1200			1300 X 1650		
Mould Clamping Force	TONE	16			16			23			46			76		
<b>HYDRAULIC SYSTEM</b>																
Hydraulic Drive Motor	HP	15			25			30			50			40 / 10		
Oil Tank Capacity	LTR	400			400			400			500			900		
Article Weight	KG	0.900 to 1.2			1.6 - 1.8			2.2 - 2.8			5 - 6			8 - 11		
Production rate	PCS/HR	50-40			36-32			33-30			24-22			22-18		
Total Connecting Load	HP / KW	190 / 141.6			208 / 155.1			242 / 143			266 / 198.3			410 / 305.7		

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**TECHNO PLAST**

An ISO 9001:2015 Company



Scan for contact



Scan for connect website



Scan to reach us (Factory Location)



Scan to connect us on YouTube



**FACTORY ADDRESS** W-164 & W-158, MIDC Phase 2, Dombivli (E): Thane 421204



**OFFICE ADDRESS** 102-A, Citi Mall, MIDC, Near Pendharkar College, Dombivli (E): Thane 421203



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