

Infrastructure

Our State-of-the-art Manufacturing Facility Is Located At Piplaj, Ahmedabad, India Measuring More Than 30,000 Square Feet Housing An Assembly Area, Paint Booth, Fabrication Shop, Testing And Design Centre, To Ensure An Easy And Efficient Manufacturing Process, The Assembly Area Is Divided Into Different Sections Based On Product Group With Separate Areas For Incoming/outgoing, Inspection /paint Shop, Etc. We Have A Totally Closed-looped System Right From Material Procurement To The Dispatch Of Final Equipment With Closed Monitoring Of Each Process To Ensure Quality Of The Final Product.



- Product-wise Dedicated Assembly Areas.
- Designing, Engineering And Testing Facility.
- In-house Paint Shop.
- In-house Electrical Panel Design And Assembly.
- Readily Available Stock Of Key Products And Spare Parts.



TWIN SCREW PIPE EXTRUDER

Counter Rotating Twin Screw Extrusion Line Are Made By Latest Technology For The Production Of Pipes.



FEATURES

- Optimized design and precisely manufactured screws make material process more gentle, stable.
- Computer PLC control and temperature control meter are both available for customized needs.
- Advanced electric control and precise temperature control system.
- High-performance, high-strength reduction and distribution system with Lower power consumption.

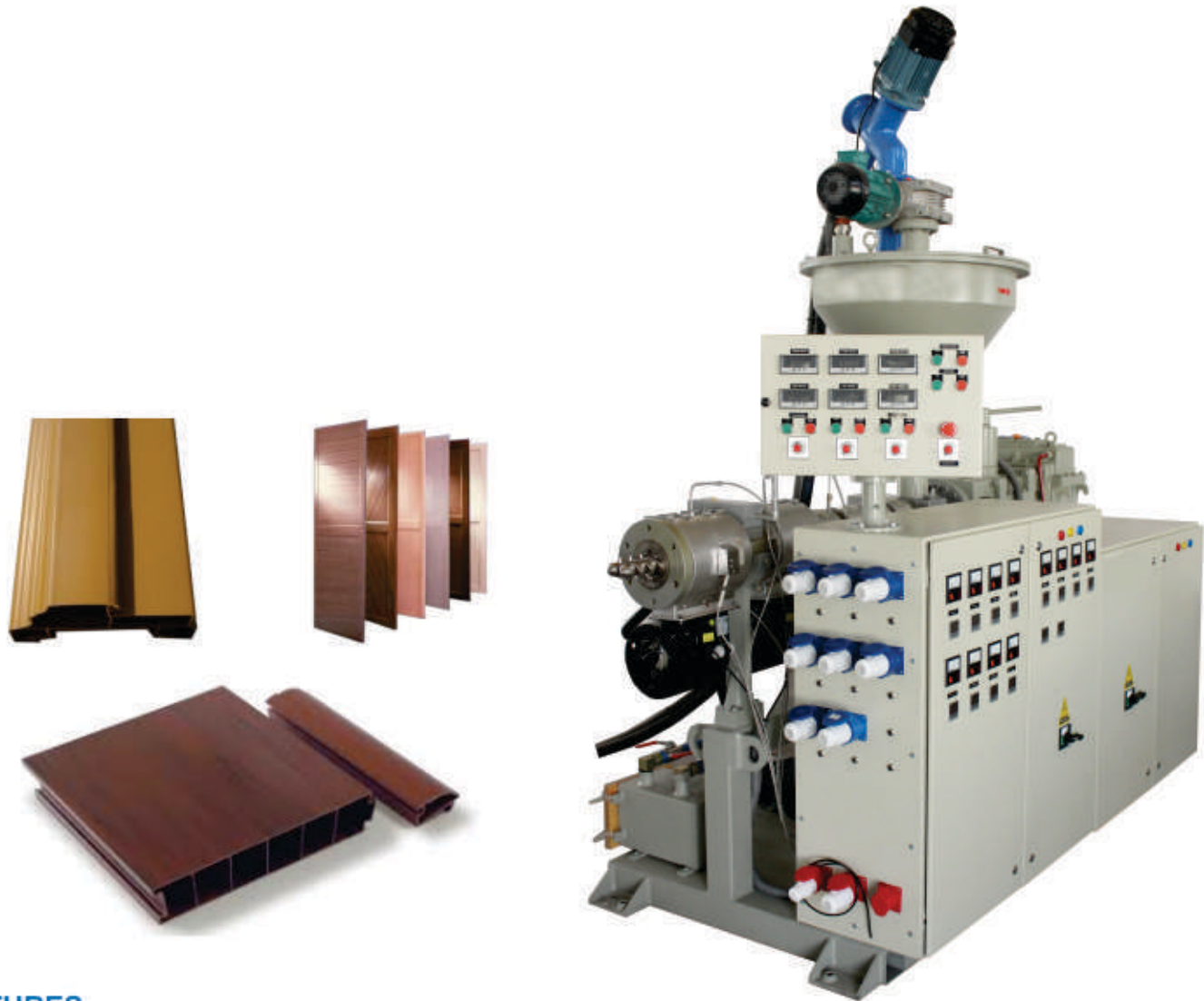
RPVC/UPVC PIPE TWIN SCREW EXTRUDER MACHINE DETAIL :

MODEL	Unit	52/110	52/140	52/170	65/170	65/200	65/250	68/350	90/450
Screw Dia	MM	52	52	52	65	65	65	68	90
L:D Ratio	LD	18 : 1	22 : 1	25 : 1	18 : 1	18 : 1	22 : 1	28 : 1	22 : 1
Max Output (Pipe)	Kg/Hr	90 - 110	120-140	150-170	150-170	180 - 200	230- 250	325 - 350	425 - 450
Motor	HP	15	15	20	20	30	40	50	75

Note : Customized Extruder are also available on client request

TWIN SCREW PROFILE EXTRUDER

Counter Rotating Twin Screw Extrusion Line Are Made By Latest Technology For The Production Of Profile, Foam Profile, and door window Section.



FEATURES

- Optimized design and precisely manufactured screws make material process more gentle, stable.
- Computer PLC control and temperature control meter are both available for customized needs.
- Advanced electric control and precise temperature control system.
- High-performance, high-strength reduction and distribution system with Lower power consumption.

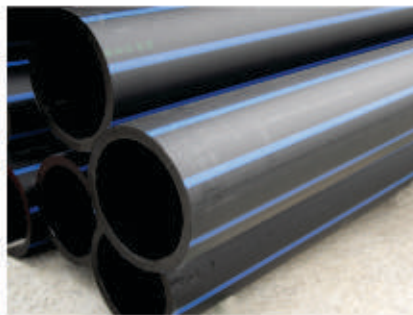
RIGID PVC PROFILE TWIN SCREW EXTRUDER MACHINE DETAIL

MODEL	Unit	52/110	52/140	52/70	65/200	65/250
Screw Dia	MM	52	52	52	65	65
L:D Ratio	LD	18 : 1	22 : 1	25 : 1	18 : 1	22 : 1
Max Output (Pipe)	Kg/Hr	50 - 70	70 - 90	80 -100	80 -120	120 - 160
Motor	HP	15	15	15/20	25/30	30/40

Note : Customized Extruder are also available on client request

PE 16mm - 1000mm Extrusion line PPR PIPE Extrusion line

Standing out with current markets Our Company has developed HDPE Extrusion line with compact structures Feature Compact Structure, High Automation And Easy. The Screw Using For The Barrier Type, High Output, Best Plastic & Stabilisation.



GROOVED TYPE FEATURES

- Optimized Design And Precisely Manufactured Screws Make Material Process More Gentle, Stable.
- Computer Plc Control And Temperature Control Meter Are Both Available For Customized Needs.
- Advanced Electric Control And Precise Temperature Control System.
- High-performance, High-strength Reduction And Distribution System With Lower Power Consumption.

Application

Agriculture Water Supply And Drainage System, Construction Water Supply And Drainage System, Wiring Laying System, Natural Gas Transportation System And Etc.

SINGLE SCREW EXTRUDER FOR HDPE (Grooved)

MODEL	Unit	50-G	65-G	65-G1	75-G	75-G1	75-G2	75-G3	90-G	90-G	90-G
Screw Dia	MM	50	65	75	75	75	75	75	90	90	90
L:D Ratio	LD	32 : 1	32 : 1	32 : 1	32 : 1	32 : 1	32 : 1	32 : 1	32 : 1	32 : 1	32 : 1
Max Output (Pipe)	Kg/Hr	80 - 100	125- 150	180 -210	180 - 215	275 - 300	350 - 400	450 - 500	450 - 500	600 - 700	800 - 1000
Motor	HP	30	50	75	75	100	125	150	150	200	300

DIE HEAD

All Pipe Heads From Our company Offers Excellent Advantages, Such As High Production Flexibility, Fast And Easy Start-up Of Production Due To Easy Installation And Disassembly, They Produce Pipes And Profile Of Excellent Quality In A Broad Processing Window With High Production Reliability.



PVC PIPE DIE HEAD



PE PIPE DIE HEAD

FEATURES

- Quick Tool Change.
- Modular Set Up.
- Round Branches For Quick Cleaning.

PIPE DIAMETERS

Ø 20 mm up to Ø 1000 mm

JOCKEY EXTRUDER

- 30 mm Screw Dia.
- 2 HP Ac Motor With Drive & Separate Electrical Control Panel.
- Used To Make Lining On Pipe, Tube Or Cables.
- Mobile Unit To Move Anywhere Easily.
- Also Be Used To Do Extra Coating On Pipe.
- Suitable For Any Extruder.



VACUUM CALIBRATORS

SS & MS



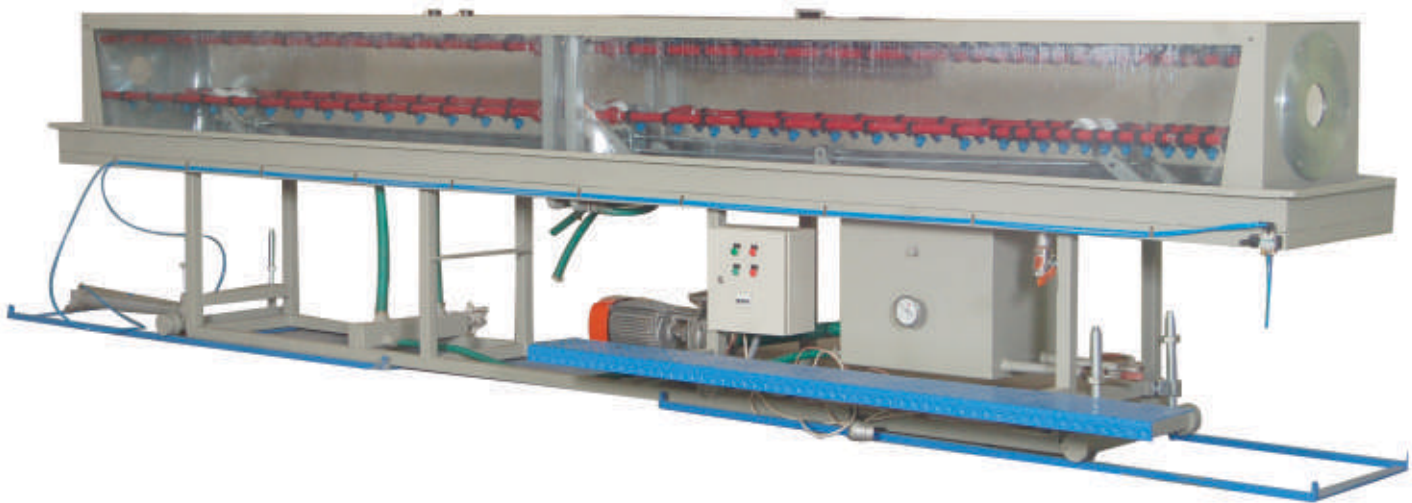
MODEL	Unit	VCT 110	VCT 200	VCT 250	VCT 315	VCT 450	VCT 630
Pipe Range	MM	16 - 110	20 - 200	25 - 250	50 - 315	75 - 450	110 - 630
Cooling Length	MM	4000/6000	6000/8000	6000/8000	6000/8000	6000/8000	6000/8000

- Door opening and closing by quick release toggle clamp.
- Easy cleanable bayonet type Spray Nozzles.
- Pressure gauge on water filters to see the blockage of filter.
- Common header for central discharge water.
- Temperature sensor, Thermocouple and Level Indicator with Angle Seat Valve.
- Tank reverse & forward can do manually by hand wheel.
- Tank up-down arrangement by screw Jack manually and Automatic.
- State of the art Electrical Panel.



WATER SPRAY BATH

SS & MS



FEATURES

- Highly Rigid Structure Due To The Sturdy Construction And Vibration- Free Support Base.
- Ergonomic Controls At The Operator's Disposal.
- Sizers Support Bench, Housed In A Water Collection made through in built ss box.
- Movements Adjustment Device On 3 Shafts For An Easy Alignment, With Manual Or Automatic Regulation Depending On The Models.
- Upper Service Distributor, Foldaway Oscillating Type, Complete With Taps For Water.
- High Capacity Vacuum Units For The "combined" Air/water Calibration When The Pipe Fast Cooling Is Required.
- Water/air Silenced Separators, Essential For The Combined Calibration.
- Customized Version Available On Request With Additional Vacuum Groups, Profile Drying System And Other Accessories.
- The Equipment Slides On Rails Through Double Speed Motor Driven Jack, 600 Mm Useful Traverse.
- Models Suitable For Pulling Force Up To 5000 Kg.

TRACTION MACHINE



4 TRACK



6 TRACK

MODEL		PTM 75	PTM 110	PTM 200	PTM 250	PTM 315/3	PTM 315/4	PTM 450/4	PTM 630/6	PTM 630/8	PTM 800/8
Pipe Range	mm	16-75	20-110	20-200	50-250	75-315	63-315	100-450	140-630	280-630	190-800
Caterpillars	No.	2	2	2	2	3	4	4	6	8	8
Max. Line Speed	Mtrs./Min	20	15	15	15	9.6-10.6	10	6.2-7.2	6.2-7.2	2.5-4	2.5-4
Contact Length	mm	540	800	1150	1250	1200	1250	1600	1600	1600	1850

FEATURES

- Sturdy Structure Design.
- Double Belt Traction Unit For Optimum Pulling Force And To Prevent Ovality Even For Larger Dia And Thin Wall Pipe.
- All The Tracks Are Driven By Individual Geared Motor And Ac Drives.
- Synchronize With Any Extruders.
- Pneumatic Clamping Of Pipe Ensure Ease In Set Up And Efficient Pulling Of Pipe.
- We Are Also Offering Servo Drive Unit On Optional Basis.
- Thick- Thin Type Unit Deliverable On Client Requirement.
- Easy Accessibility For Maintenance Of All Components.



PIPE / PROFILE CUTTING MACHINE (PCM)

PIPE CUTTING Machine



PLANETARY CUTTER



Profile CUTTING Machine (PCM)



Pipe Range MM	Clamping From	Saw Dia.
20 - 110	TOP	350
20 - 200	TOP	550
50 - 250	TOP/SIDE	630
75 - 315	TOP/SIDE	850
200 - 400	PLANETARY TYPE	180

FEATURES

- Linear Table Movement Through Pneumatic Cylinder For Smooth Operation.
- Carbide Tips Cutter For Longer Life.
- Saw Table Movement With Linear Bearing On Hard Chrome Plated Guide Bar.
- Clamping System By Rubber Pad Through Pneumatic Cylinder For All Sizes Of Pipes & Profiles.
- The Pipe Clamping Is Automatic Through Pneumatic Cylinder And Actuated By The Limit Switches On The Trimming Chute. Cutter Assembly Slides Forward Along With The Pipe And Returns Through Pneumatic Cylinder.

PRINTING MACHINE

SALIENT FEATURES OF ON-LINE PIPE PRINTER

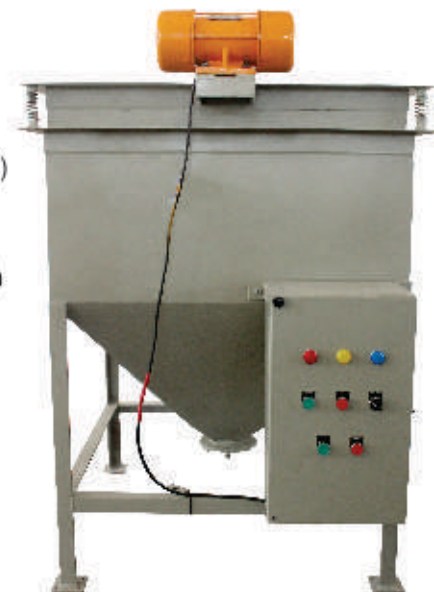
- Prints Logo, Isi/ Din/bis /astm Mark, Size, License No, Batch Code No.
- Seven Impressions On Standard Length Of The Pipe.
- Pipe Size Of 20mm To 315mm Can Be Easily Printed.
- No Electricity Or Compresses Air Required. It Is Friction Driven.
- Mobile Unit To Move Easy Anywhere.
- Heavy Duty And Sturdy Structure For Better Life Of The Machine.



SPRING CONVEYER

FEATURES

- Suitable To Convey Dry Blend From Ground Hopper To Extruder Hopper (Off Line)
- Spiral Spring Conveyor Is The Ideal Choice For Conveying Dry Powders, Which Is Designed On The Principle Of Axial Feed Of Dry Granules Or Fine Powder Through Rotation Of Helical Spring At Higher Speed.
- The Spiral Made From Specially Treated Spring Steel And Is Enclosed In The Flexible Hdpe Or Rigid Metal Pipe.
- The Spiral Is Rotated At High Speed By Specially Designed Induction Motor, Generally Provided At The Outlet End.



PIPE TILTING Machine

FEATURES

- Pneumatically Operated.
- Sturdy Structure To Bear The Load.
- Fully Automatic



HEATER COOLER MIXER



MODEL	150/400	200/400	250/600	350/1000	450/1500	500/2000	750/3000
Vessel Size HEATER (IN MM)	600	650	710	750	780	880	1000
Vessel Size COOLER (IN MM)	1100	1100	1300	1500	1800	1900	2100
Batch Capacity (IN KG)	40-55	75-90	90-120	135-160	160-180	200-240	300-325
Motor in HP (HEATER)	15 to 25	30	40 to 50	75	100/125	150/200	250/300
Motor in HP (COOLER)	5	5	7.5	10	15	20	30

HIGH SPEED HEATER MIXER



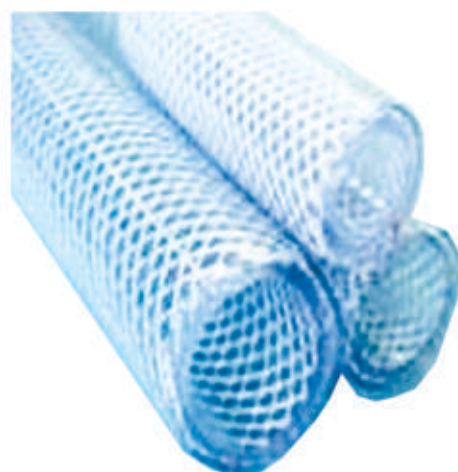
MODEL	150	200	250	350	450	500	750
Vessel Size (IN MM)	600	650	710	750	780	880	1000
Batch Capacity (IN KG)	40-55	75-90	90-110	130-150	140-160	180-200	280-300
Motor in HP	15 to 25	30	40 to 50	75	100/125	150/200	250/300

FEATURES

- Material: Stainless Steel Ss 304, Reinforced Base Shell In Wear-exposed Area, With Jacket Made Of Stainless Steel For Insulation, For Possible Additional Heating Or Cooling In Pressure Less Operation.
- The Container Is Jacketed With The Provision Of Water Circulation. Container Wall And Bottom Can Be Cooled Partially, By Water Circulation With Design Pressure Upto 1 Bar,
- Process temperature measuring point with screwed in resistance temperature sensor J Type,
- Interior mirror polished surface finish to avoid depositing of material surface finish.
- Specially Designed Bottom Curvature Of Mixer Container Gives Vortex Formation, Which Results Into Homogeneous Free Flowing Dry Blend. It Also Ensures Built Up Of Frictional Heat Efficiently To Remove Moisture And To Prepare The Best Quality Of Compounding.
- Main Ac Motor With Variable Frequency Drive So We Can Save Power. (On Special Requirement)

PVC BRAIDED HOSE PIPE PLANT : VPEW-65/65

PLANT	VPEW-65/65
Pipe Size:	5mm to 50mm
Max. Line Speed:	10 Meter/Minute
Production Rate:	80 to 90 Kg/Hr
EXTRUDER-2 Nos.	
Single Screw Dia:	65mm
L:D Ratio:	26:1
Extruder Motor:	15 HP
Pipe Teck-Up Motor:	2 HP
BREADING UNIT	
M.S Plate:	2 Nos. (1100 mm Dia)
Total No. of Spindle:	36 Nos.
Gear Box:	Specially Design Gear Box with 5 HP Motor & Drive.
Bearing Housing:	Bearing Block With 2 Bearing, Mandrill & Locking Plate.
PRE HEATING OVEN	8.0 HP Pre Heating Oven With Temperature Controllers
HAUL OFF UNIT	Specially Design 4" Wide Haul Off With 2 HP Motor
TOTAL CONNECTED LOAD:	80 HP (Max)
Heating Load:	36 HP
Motors & Blowers:	41 HP
ANCILLARY EQUIPMENT REQUIREMENT	
Cone Re-Winding Machine:	3 Spindles
Mixture:	50 Kg/Hr. Batch Size
Cooling Tower:	20 TR
Water Circulating Pump:	2 HP (2 Nos.)
Air Compressor:	3 HP



PVC SUCTION HOSE PIPE PLANT

PLANT	VPEW-45/50	VPEW-50/65	VPEW-65/70
Pipe Size:	¾" to 2"	¾" to 6"	2 to 8"
Production Rate:	30 to 35 Kg/Hr	50 to 60 Kg/Hr	80 to 90 Kg/Hr
Connected Load for Extruder Plant:	35 HP	50 HP	65 HP
EXTRUDER – PVC RIGID			
Screw Dia:	45mm	50mm	65mm
L:D Ratio:	23:1	25:1	25:1
Motor:	10 HP	15HP	20HP
Barrel Heating Zone:	3	3	4
Barrel Cooling Blower:	3	3	4
Die Heating Zone:	3	3	3
EXTRUDER – PVC SOFT			
Screw Dia:	50mm	65mm	70mm
L:D Ratio:	23:1	25:1	25:1
Motor:	10 HP	15HP	20HP
Barrel Heating Zone:	3	4	4
Barrel Cooling Blower:	3	4	4
Die Heating Zone:	3	3	3
Former Stand	2 HP	2 HP	2 HP
MotorCooling Truff	SS-34 Meters	SS-34 Meters	SS-34 Meters



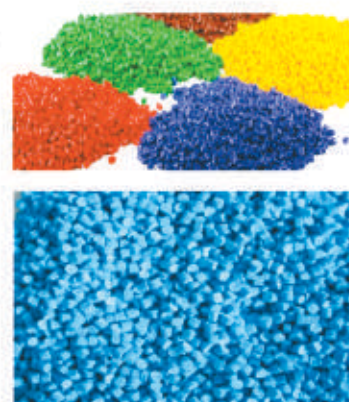
SOFT PVC TUBING PIPE PLANTS

PLANT	VPEW-75	VPEW-90
Pipe Size:	½" to 2"	½" to 2"
Production Rate:	70 to 80 Kg/Hr	100 to 110 Kg/Hr
Total Connected Load:	40 HP	50 HP
EXTRUDER		
Screw Dia:	75 mm	90 mm
L:D Ratio:	26:1	26:1
Extruder Motor:	20 HP	25 HP
Pipe Teck-Up Motor	2 HP	2 HP
HEATING & COOLING		
Barrel Heating Zone:	4	4
Barrel Cooling Blower:	4	4
Heating Zone For Die Area:	2	2
Heating Load:	15 HP	22 HP
Motors	22 HP	27 HP
Cooling Truff	S.S	S.S



HDPE, LDPE & PP GRANULES PLANT

PLANT	VPEW-90	VPEW-110	VPEW-125
Production Rate:	150 Kg/Hr	200 to 225 Kg/Hr	300 to 350 Kg/Hr
Screw Dia:	90mm	110mm	125mm
L:D Ratio:	28:1	28:1	28:1
Motor:	50 HP	75 HP	125 HP
Heating Load	25 HP	30 HP	40 HP



SOFT PVC COMPOUND GRANULES PLANT

PLANT	VPEW-90	VPEW-110	VPEW-125
Production Rate	150 to 160 Kg/Hr	200 to 250 Kg/Hr	300 to 350 Kg/Hr
Screw Dia:	90mm	110mm	125mm
L:D Ratio:	26:1	26:1	26:1
Motor:	25 HP	50 HP	75HP
Heating Load	20 HP	25 HP	35 HP



Global Presence



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