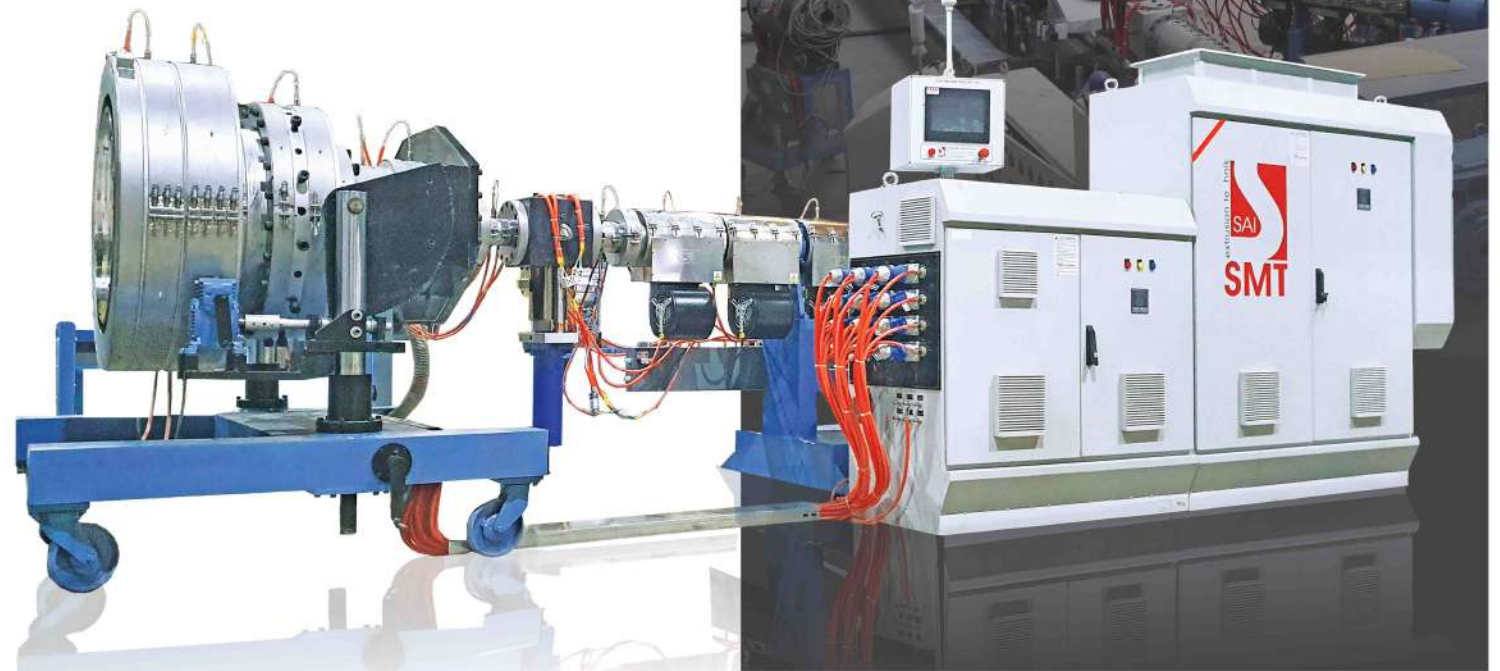




A NATIONAL AWARD WINNER
[MSME]

 <https://www.extrusion.in>

Simplify Extrusion 
We Make Extrusion Easy 



SAI MACHINE TOOLS PRIVATE LIMITED

Company Profile



Sai Machine Tools Pvt Ltd (SMT) is the largest manufacturer of plastic processing machinery in central India with state-of-the-art Machine shop. The Company commenced its operations at Indore (M.P) in 1988, under guidance of Mr. Ashok Jaiswal, Managing Director. From inception the company's strategic focus has been serving international markets. As a result, the company today exports 30% of its products. The core focus of the company is innovation, carved out of extensive Research and Development efforts carried out by sheer study of customer's needs and demand of the markets. The company is very quick in expanding the product spectrum as per the needs of the market, as a result the company produces both single and twin-screw extruders (Parallel twin screw & Conical twin screw). The company has installed more than 3200 Extrusion lines globally.

SMT has moved towards the development of the higher output, Higher Diameter plant and machinery for HDPE/ LDPE/ LLDPE/ PPR pipes and also introduced to the markets LDPE/LLDPE 5 Mtr width film and tubing plants having 1500kg/ per Hour capacity. The company has also developed PPR Three- layer pipe plant which is specially used for Hot and Cold water transportation. Company is fundamentally prepared to meet all the future demands of the industry & market and is in expansion mode.

SMT has Developed Indias first Ø1200mm HDPE Three Layer Pipe Extrusion system.

SMT has made India's first totally indigenous "FLAT DRIP IRRIGATION TUBE EXTRUSION LINE (SINGLE LAYER AND MULTI LAYER)" and enjoying pioneer position with the market leadership till now, SMT also makes "ROUND DRIP IRRIGATION TUBE EXTRUSION LINE' with high speed system.

SMT manufactures plastic processing machines (Extruders) to produce Drip irrigation tubes, RPVC pipes and profiles, HDPE/HIPS/LLDPE/ HMHDPE Pipes and Films, PVC/PP/PE Coated cables, Telephone Cables, Computers Cables and Pelletizing Plants, Mono Filament, Box Strapping Plants, PP/PE Tape Plants Etc. Constant Interaction with customers has helped SMT to develop new products to cater the market requirements and redefine the existing line of product to make them more user friendly and reliable. SMT has been serving a diverse range of customers and a wide range of processing machinery.

SMT is also pride innovated of integrated HDPE/PPR Pipe Waste Recycling System with in line shredder, conveyor and grinder with underwater palletizing Plastic Recycling system

We are the only plastic pipe entrigrition manufacturing company of India who won National president Award and the stat Level award for research and development

Our Superior Infrastructure and state of art machines ensure the highest production standards, our commitment to quality and value-based business ethics have bestowed us with a very loyal customer base throughout the country. Periodic reviews, Process Control. Inspection, Testing, Customer grievance handling systems and training programs are all part of an effective quality control system. We take customer feedback with utmost urgency and at topmost priority.

CORE TEAM

Mr.Ashok Jaiswal (CMD)
Mr.Ajay Jaiswal (Director Admin)
Mr.Vishal Jaiswal (Director Tech)
(Left to Right)





Achievements

National Awards-2009 Quality Product In Micro & Small Enterprises (Plastic Processing Machinery)



For Research & Development (R & D) Efforts And Outstanding Entrepreneurship Efforts In Micro, Small & Medium Enterprises, SPACIAL RECOGNITION AWARD



STATE-OF-THE-ART MANUFACTURING FACILITIES



GAS NITRIDING FURNACE

TUNGSTEN CARBIDE COATING
SYSTEM FOR BIMETALLIC SCREW



THREAD MILLING MACHINE

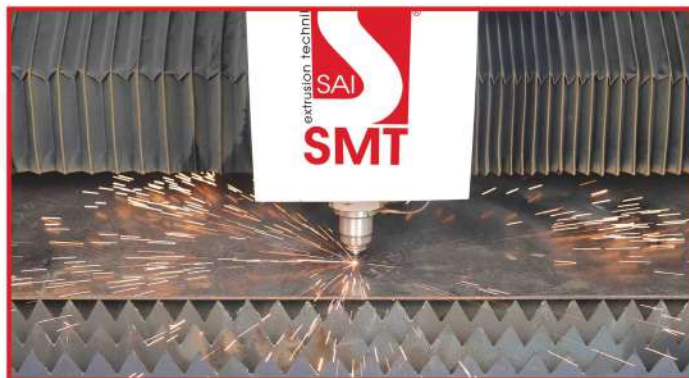


MOST MODERN CNC TOOL ROOM

STATE-OF-THE-ART MANUFACTURING FACILITIES



ARGON WELDING SYSTEM



CNC LASER CUTTING CENTER



CNC SHEET BENDING SYSTEM



HARD CHROME PLATING

Flat Drip Irrigation Tube Extrusion System



Features

- Barrier/Shear ring Screw Design for Homogeneous melt for longer period.
- Perforation Unit with Visual Inspection and Control.
- Auto coiler with Synchronised Traversing.
- Power consumption- 0.27 Unit/Kg.
- Perforation unit-500 Drippers/Min.
- PLC Based machine-500 Drippers/Min.
- Perforation Capacity for Longer Period.
- Auto Pipe cut and Changeover.
- 200-2000mm Driller Spacing.
- Line Speed - 220MPM.
- Single/Multilayer Tube



Suitable for All Type of Drippers



Model	Layer	Max Output (Kg/Hr)	Driller Insertion Unit (Insertion/Min)	Die Head	Perforation Unit	Line Speed (MPM)	Double Station Coiler	Total Connected Load (Kw)	Space (L x W x H- Mtr.)
SMT-75X20-FD	SINGLE	200	700	CROSS HEAD-SINGLE LAYER	1 or 2 HOLES	220	1000 Mtr Coil	150	45X8X5
SMT-75X45X20-FD	THREE (ABA)	220	700	CROSS HEAD-THREE LAYER	1 or 2 HOLES	220	1000 Mtr Coil	160	45X8X5
SMT-75X45X45X20-FD	THREE (ABC)	250	700	CROSS HEAD-THREE LAYER	1 or 2 HOLES	220	1000 Mtr Coil	170	45X8X5

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.

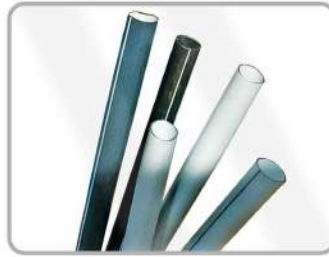




Round Drip Irrigation Tube Extrusion System

Features

- Extruder - 75mm.
- Operation by Servo Motor.
- Energy Efficient - No Air Jets.
- Single/Multilayer Tube.
- Quick Drill Depth Adjustment.
- Easy Integration with Existing Line.
- Maintenance free.
- High Speed - up to 100 MPM.



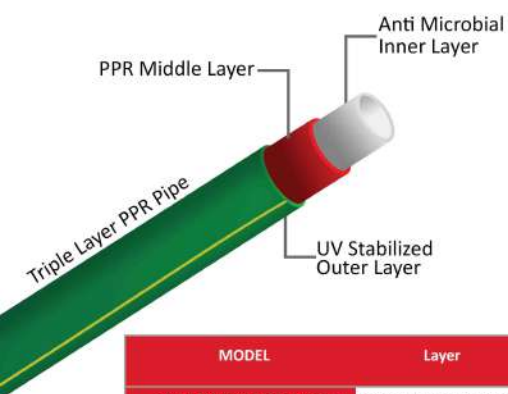
Model	Layer	Max Output (Kg/Hr)	Dripper Insertion Unit (Insertion/Min)	Die Head	Perforation Unit	Line Speed (MPM)	Double Station Coiler	Total Connected Load (Kw)	Space (L x W x H- Mtr.)
SMT-75X20-RD	SINGLE	200	500	CROSS HEAD-SINGLE LAYER	2 or 4 HOLES	100	500 Mtr Coil	144	40X8X5
SMT-75X45X20-RD	ABA	220	500	CROSS HEAD-THREE LAYER	2 or 4 HOLES	100	500 Mtr Coil	155	40X8X5
SMT-75X45X45X20-RD	ABC	250	500	CROSS HEAD-THREE LAYER	2 or 4 HOLES	100	500 Mtr Coil	166	40X8X5

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D





SMT PPR Pipe Extrusion System



Fields of Application of Triple Layer PPR Pipe

- Hot & Cold Water Supply.
- Compressed air System.
- Drinking Water and Liquid food supply.
- Gardening, Agriculture, Horticulture.
- Industrial Chemical Transportation System Specially for Pharmaceutical Industry, Food Industry & Chemical Industry

MODEL	Layer	Screw Dia (MM)	L:D Ratio	Main Motor (KW)	Max. Output (Kg/Hr.)	Pipe Range (MM)
SMT-65X45X45X30PPR-110	THREE LAYER ABC TYPE	65+45+45	33:1	37+7.5+11	150	16-110
SMT-75X45X45X30PPR-110	THREE LAYER ABC TYPE	75+45+45	33:1	75+11+15	300	20-110
SMT-75X45X45X30PPR-200	THREE LAYER ABC TYPE	75+45+45	33:1	75+11+15	300	20-200
SMT-75X65X65X30PPR-200	THREE LAYER ABC TYPE	75+65+65	33:1	110+37+37	550	20-200
SMT-90X45X45X30PPR-200	THREE LAYER ABC TYPE	90+45+45	33:1	160+15+18	600	20-200

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



(Specially Designed) Triple Layer PPR Die Head

Features of Triple Layer PPR Pipe Plant

- UV Resistant Outer Layer.
- Anti-microbial Inner Layer.
- ISI/BIS/DIN Standard.
- Low Energy Consumption.



All Rounder PPR Series





HDPE-PE Pipe Extrusion System



Fields of application of HDPE Pipe

- ♦ Irrigation, Potable water, suction & delivery pipe, Industrial wastage transportation, Chemical & Water Industry, Telecom Industry etc.



Unilayer



(Applicable - IS-4984:2016, IS-14151:2008, IS-14333 – 1996, IS-14885:2001)

MODEL	Layer	Screw Dia (MM)	L:D Ratio	Main Motor (KW)	Max. Output (Kg/Hr.)	Pipe Range (MM)
SMT-45HD-110	SINGLE LAYER	45	30:1	30	100	16-110
SMT-65HD-110	SINGLE LAYER	65	33:1	37	150	16-110
SMT-75HD-110	SINGLE LAYER	75	33:1	55, 75	200, 300	20-110
SMT-75HD-200	SINGLE LAYER	75	33:1	55, 75	200, 300	20-200
SMT-75HD-250	SINGLE LAYER	75	33:1	110, 160	400, 550	32-250
SMT-75HD-315	SINGLE LAYER	75	33:1	110, 160	400, 550	63-315
SMT-75HD-710	SINGLE LAYER	75	40:1	200	750	315-710
SMT-90HD-200	SINGLE LAYER	90	33:1	110, 160	450, 600	32-200
SMT-90HD-450	SINGLE LAYER	90	33:1	110, 160	450, 600	110-450
SMT-90HD-710	SINGLE LAYER	90	33:1	200	600	315-710
SMT-120HD-1200	SINGLE LAYER	120	38:1	315	1000-1200	600-1200

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D



Multilayer



(Applicable - IS-4984:2016, IS-14151:2008, IS-14333 – 1996, IS-14885:2001)

MODEL	Layer	Screw Dia (MM)	L:D Ratio	Main Motor (KW)	Max. Output (Kg/Hr.)	Pipe Range (MM)
SMT-65X45X30HD-110	THREE LAYER ABA TYPE	65+45	33:1	37+15	150	16-110
SMT-65X45X45X30HD-110	THREE LAYER ABC TYPE	65+45+45	33:1	37+7.5+11	180	16-110
SMT-75X45X45X30HD-110	THREE LAYER ABC TYPE	75+45+45	33:1	75+11+15	350	20-110
SMT-75X45X45X30HD-200	THREE LAYER ABC TYPE	75+45+45	33:1	75+11+15	350	20-200
SMT-75X45X45X30HD-250	THREE LAYER ABC TYPE	75+45+45	33:1	75+11+15	350	32-250
SMT-75X45X45X30HD-315	THREE LAYER ABC TYPE	75+45+45	33:1	75+15+18	350	63-315
SMT-75X65X65X30HD-200	THREE LAYER ABC TYPE	75+65+65	33:1	110+37+37	600	20-200
SMT-90X45X45X30HD-200	THREE LAYER ABC TYPE	90+45+45	33:1	160+15+18	600	20-200
SMT-90X45X45X30HD-315	THREE LAYER ABC TYPE	90+45+45	33:1	160+15+18	600	63-315
SMT-90X45X45X30HD-450	THREE LAYER ABC TYPE	90+45+45	33:1	160+15+18	600	110-450

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D

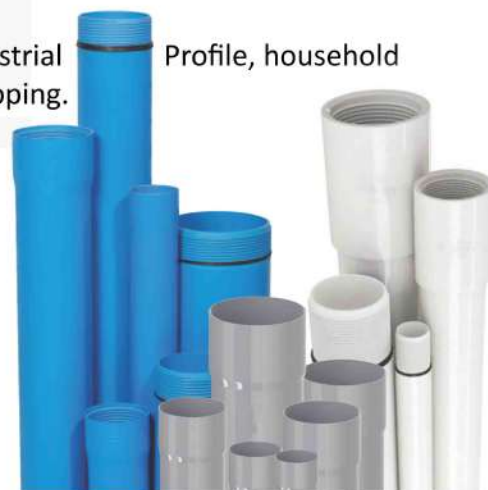


Parallel Twin Screw PVC/RPVC Pipe & Profile Plant



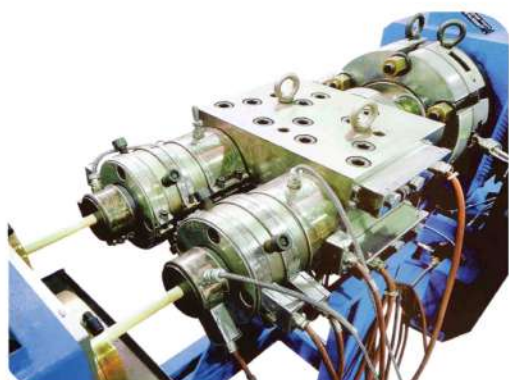
Fields of Application of RPVC Pipe

Tube Well Casing, industrial waste & Chemical Drain,
Domestic Plumbing, Sewage/Drainage/ Rainwater, Irrigation,
Electrical conduits.
Door-Window Profile, Industrial Racks and Panels, Casing Capping.



MODEL	SCREW TYPE	Screw Dia (MM)	L:D Ratio	Main Motor (KW)	Max. Output (Kg/Hr.)	Pipe Range (MM)
SMT-52/18V	TWIN SCREW	52	18:1	11	110	20-110
SMT-52/25V	TWIN SCREW	52	25:1	18	150	20-110
SMT-65/18V	TWIN SCREW	65	18:1	18	200	20-200
SMT-65/22V	TWIN SCREW	65	22:1	30	250	32-250
SMT-68/28V	TWIN SCREW	68	28:1	40	300	32-250
SMT-90/22V	TWIN SCREW	90	22:1	55	450	110-400

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



Twin Die Head





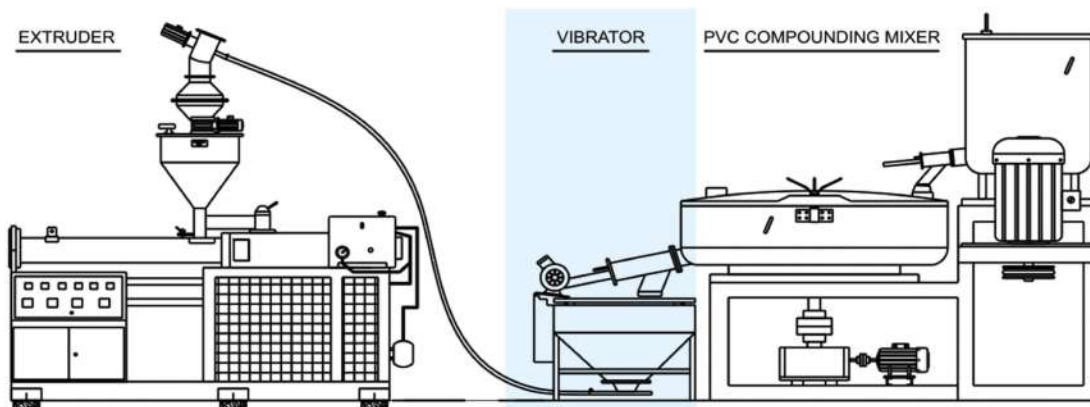
PVC Compounding Mixer

The PVC mixer machines are widely used in mixing, drying, coloring for all kinds of resin such as PVC, PP, PE. This high speed mixer can also be applied in dryness of ABS, polycarbonate, and mixing hydroxybenzene, Alde Hyde resin. PVC Mixer unit is composed of one hot mixing pot and one cooling pot, the materials from hot mixer will be filled into the cooling mixer automatically, so it can eliminate humidity, and protect from agglomeration.

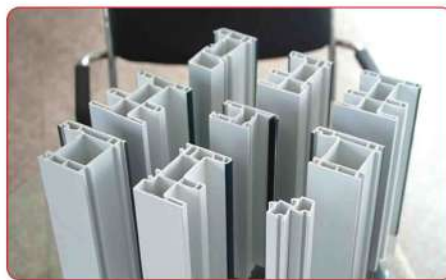


MODEL	MOTOR HP (HOT MIXER)	MOTOR HP (COLD MIXER)	BATCH CAPACITY HOT MIXER	CAPACITY COLD MIXER (Ltrs)	CAPACITY (KG/HR)	DISCHARGE METHOD
SMT-HCM-50	30	7.5	50 KG	400 Ltr	250	Automatic
SMT-HCM-80	50	7.5	80 KG	400 Ltr	350	Automatic
SMT-HCM-150	75	10	150 KG	600 Ltr	700	Automatic
SMT-HCM-300	220	25	300 KG	2000 Ltr	1500	Automatic
SMT-HM-50 (RPVC)	30	NA	50 KG	NA	50	Automatic
SMT-HM-50 (SPVC)	30	NA	50 KG	NA	50	Automatic

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



Single Screw RPVC Pipe & Profile Plant



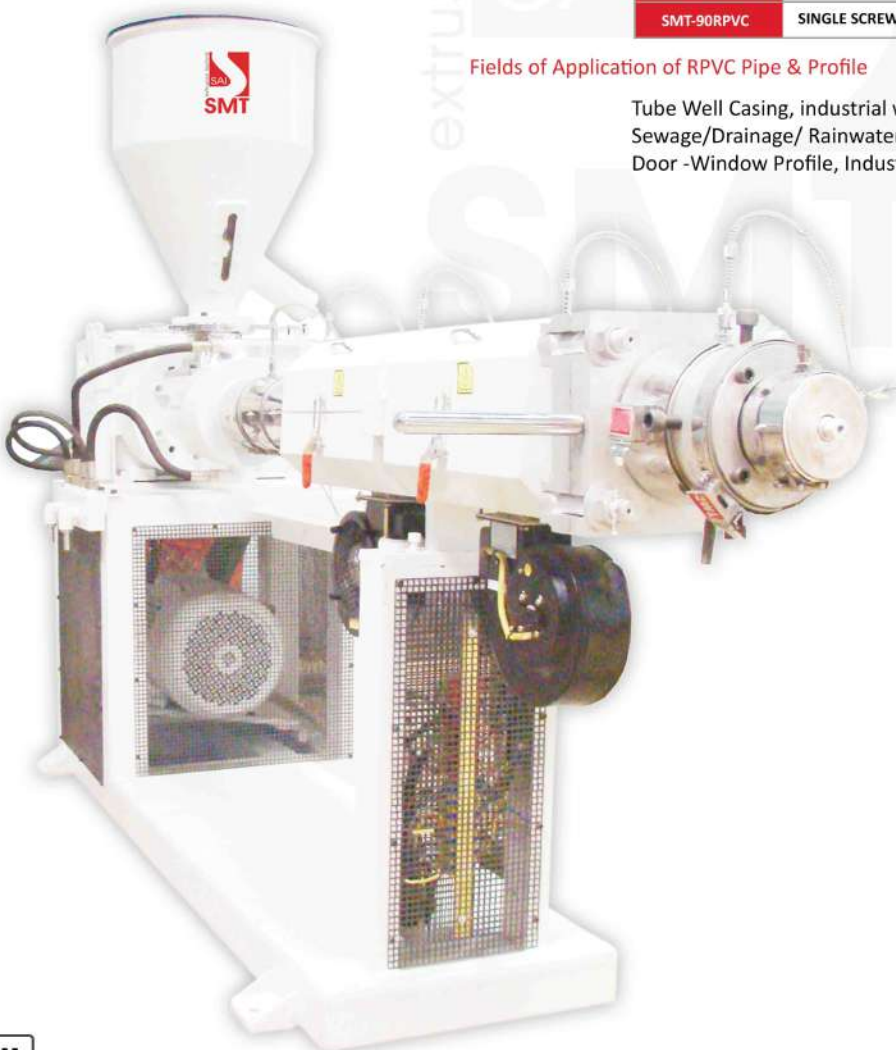
(Applicable - IS-4985: 2000)

MODEL	SCREW TYPE	Screw Dia (MM)	L:D Ratio	Main Motor (KW)	Max. Output (Kg/Hr.)	Pipe Range (MM)
SMT-65RPVC	SINGLE SCREW	65	24:1	11	50	16-110
SMT-75RPVC	SINGLE SCREW	75	24:1	18	80	16-110
SMT-90RPVC	SINGLE SCREW	90	24:1	22	100	50-200

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.

Fields of Application of RPVC Pipe & Profile

Tube Well Casing, industrial waste & Chemical Drain, Domestic Plumbing, Sewage/Drainage/ Rainwater, Irrigation, Electrical Conduits.
Door -Window Profile, Industrial Profile, household Racks and Panels, Casing Capping.





Conical Twin Screw Upvc & Cpvc Pipe Plant

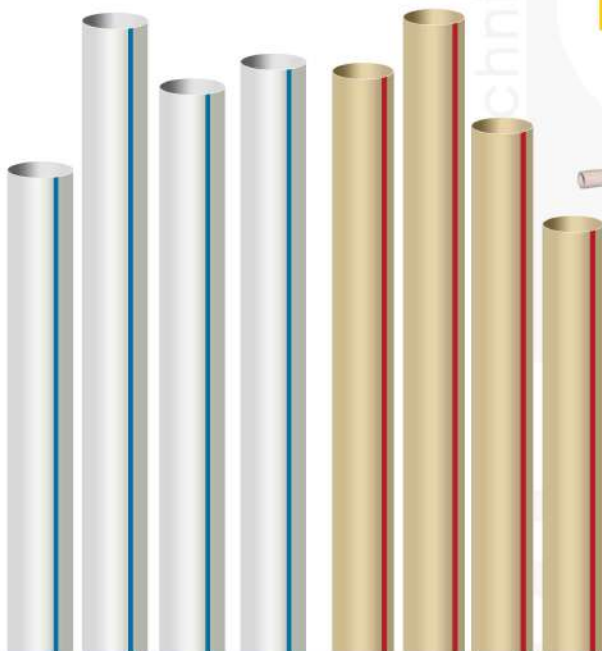
(CPVC Pipe & Profile Extrusion System)



Sai Machine Tools Pvt. Ltd. produces a wide range of plastic pipe extrusion system and accessories for rigid PVC pipes.

FEATURES

- Low Price High Performance.
- High Performance conical twin screw-barrel set and gear box.
- Twin Die with extruder capacity 450kg/hr.
- All Rounder design.
- Triple chrome plated Die.



**SAME EXTRUDER CAN BE USE
FOR PROCESSING OF
CPVC AS WELL AS UPVC**



MODEL	SCREW TYPE	DOWN STREAM	SCREW DIA (MM)	MAIN MOTOR (KW)	MAX. OUTPUT (KG/HR.)	PIPE RANGE (INCH)
SMT – 51/105	CONICAL TWIN SCREW	SINGLE & DUAL LINE	51/105	18.5	75-120	1" – 6"
SMT – 65/132	CONICAL TWIN SCREW	SINGLE & DUAL LINE	65/132	37	100-250	1" – 6"
SMT – 65/132	CONICAL TWIN SCREW	SINGLE & DUAL LINE	65/132	55	200-350	1" – 6"

Application

- Best suited for extreme climatic conditions.
- Hot & Cold water distribution systems.
- Industrial Fluids transportation pipe lines.
- Water & Waste water treatment plants.
- Chemical transportations pipe lines.



PIPE SHREDDER

FEATURES OF PIPE SHREDDER

- Can process pipes up to 450 MM diameter without pre-cutting.
- Bundles of small diameter pipes & profiles can be fed.
- Fully automatic.
- Low power consumption.
- Accurate safety systems.

MODEL : SMT-PSS-2260P

- Type : Single Shaft Shredder
- Pipe Size : Suitable for pipes up to Ø 450 mm
- Lump Size : Lumps of weight 7 to 8 kg
- Capacity : 150-200Kgs/hr
- Rotor Speed : 83RPM
- Rotor Blades : 28+4 pcs
- Stationery Blade : 2+2 Pc
- Main Motor : 40HP (30KW)
- Throat opening : 450 x 540mm
- Screen Size : Ø32-40mm.



GRINDER

FEATURES OF GRINDER

- The Grinder is the next further size reduction equipment. Some materials after shredding can be direct used to granulate but some needs to be crush further to be ready for recycling process.

SMT presents an array of grinders to tackle all your plastic pipe recycling needs. Whether processing PVC, PP or HDPE pipe we have special pipe feed grinders to turn your off spec pipe back into useable regrind.

MODEL	PIPE RANGE (mm)	POWER (kw)	OUTPUT kgs/hr	TYPE
SMT SG-350	50-315	55	90-315	HAMMERING
SMT SG-110	19-110	11	50-110	CUTTING
SMT SG-200	25-200	22	50-200	HAMMERING





Pelletizing Plant Recycling System



Fields of Application of Pelletizing Plant Recycling System

- ♦ Road waste, Factory waste, Waste of Film, Raffia, Moulded Articles, Pipe, Sheet etc.



Strand Pelletizing Machine



Underwater Pelletizing Machine



2 Stage Mother-Baby Type with Side Feeder

MODEL	SCREW DIA (MM)	LD RATIO	HEATING LOAD (KW)	MOTOR (HP)	PELLETIZER (HP) (STRAND/DFC)	OUTPUT (KG/HR.)
SMT-90REC-100	90	28:1	19 KW	40	2	100
SMT-90REC-DFC-150	90	28:1	19 KW	40	2	150
SMT-100REC-200	100	28:1	30 KW	60	2	200
SMT-100REC-DFC-200	100	28:1	30 KW	60	3	200
SMT-120REC-DFC-300	120	28:1	40 KW	100	3	300
SMT-150REC-DFC-500	150	30:1	60 KW	220	7.5	500

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



Specification

SMT-65 MAIN EXTRUDER

Screw Dia	Motor Capacity	Drive	Output	Line speed
65 MM	40 HP	40 HP AC VFD	60-120 kg/hr.	60 MPM

SMT-45 COATING EXTRUDER

Screw Dia	Motor Capacity	Drive	Output	Line speed
45 MM	25 HP	25 HP AC VFD	40-50 kg/hr.	60 MPM

SMT-20 JOCKEY EXTRUDER

Screw Dia	Motor Capacity	Drive	Output	Line speed
20 MM	02 HP	W75	1-2 kg/hr.	60 MPM

Latest and advanced CO₂-120-watt Laser Punching/Perforation machine suitable for 60 meter per minute Line Speed with computerized graphic control device (computer interface suitable for 60 MPM punching) and with 2 HP geared nip as primary Take-Off functioning with 1 ton chiller.

Drip holes in Rain Pipe are made with Nano Punching technology to ensure uniform flow of water every side



Three station winder with 2HP variable torque drive (make ABB) suitable to winding rain pipe as well as LLDPE pipe.

Features

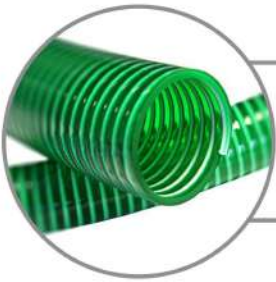
- ♦ ABA design for up to 70% RP Consumption.
- ♦ PLC & HMI operated machine.
- ♦ Hopper Loader dryer.
- ♦ Compact Design & Low power consumption.
- ♦ 60 MPM High Speed with CO₂ – 120 Watt Laser Punching.
- ♦ 150 KG/Hr. output.
- ♦ Space Requirement Length 15 Mtr x Width 3.5 Mtr x Height 4 Mtr.
- ♦ Suitable to produce rain Pipe, Low thickness Delivery HDPE Pipe & LLDPE lay flat Delivery Hose Pipe.
- ♦ Three Station Coiler for Easy and comfortable operation.



150 KG/HR OUTPUT

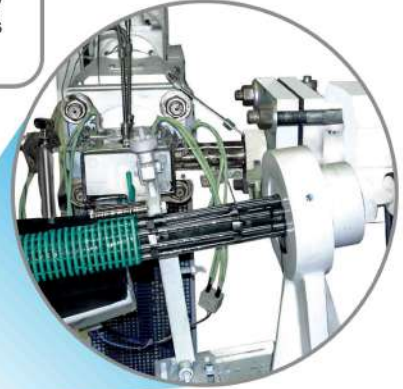


Suction Hose Pipe Extrusion System



Fields of Application of Soft PVC Braided Hose Pipe Line

Water Supply in Agriculture and Irrigation and Conveyance and Delivery of waste, slurry, sludge, Industrial & Domestic water, Chemical & Gas Supply, Pneumatic system etc.



MODEL	SCREW DIAMETER (MM)	MOTOR (KW)	MAX OUTPUT (KG/HR)	PIPE RANGE (Inch)
SMT-50X50 Sch	50 X 50	7.5+7.5	50	1/2" To 2 1/2"
SMT-50X65 Sch	50 X 65	7.5+11	60	1" To 4"
SMT-65X65 Sch	65 X 65	11+11	80	1" To 6"
SMT-65X75 Sch	65 X 75	11+15	95	2" To 8"
SMT-75X75 Sch	75 X 75	15+15	120	2" To 8"
SMT-75X90 Sch	75 X 90	15+22	160	3" To 10"

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.

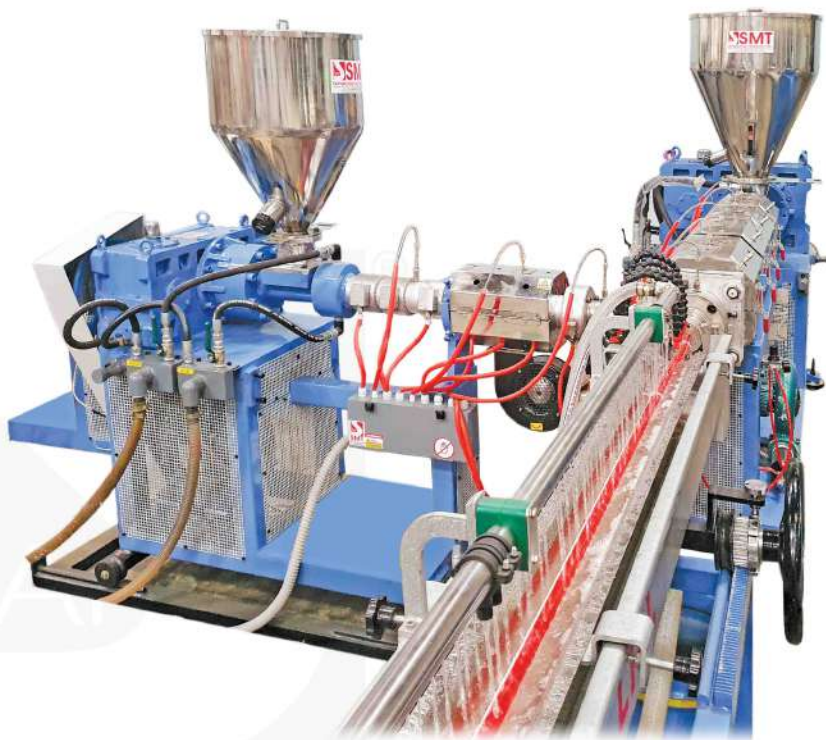


Soft PVC Garden Tubing Pipe Extrusion System



Fields of Application of Soft PVC Garden Tubing Line

Irrigation, Potable water, suction & delivery pipe, industrial wastage transportation, Chemical & Water Industry, Telecom Industry etc.



MODEL	SCREW DIAMETER (MM)	LD RATIO	MOTOR (KW)	MAX OUTPUT (KG/HR)	PIPE RANGE (MM)
SMT-65-SPVC	65	24:1	11	50	16-50
SMT-75-SPVC	75	24:1	11	80	16-50
SMT-90-SPVC	90	24:1	30	100	16-50
SMT-90X45-SPVC (ZEBRA)	90+45	24:1	30 + 7.5	120	16-50

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.





Soft PVC Braided Hose Pipe Extrusion System



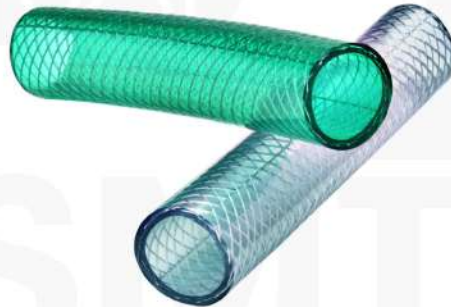
Fields of Application of Soft PVC Braided Hose Pipe

- Industrial & Domestic water, Chemical & Gas Supply, Pneumatic system etc.



MODEL	SCREW DIAMETER (MM)	MOTOR (KW)	MAX OUTPUT (KG/HR)	PIPE RANGE (Inch)
SMT-50X65 SPBH	50 X 65	7.5+11	40	1/2" To 2"
SMT-65X65 SPBH	65 X 65	11+11	80	1/2" To 2"
SMT-65X75 SPBH	65 X 75	11+15	95	1" To 3"
SMT-75X75 SPBH	75 X 75	15+15	120	2" To 8"
SMT-75X90 SPBH	75 X 90	15+22	160	3" To 10"

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.





SMT make Pulverizer is designed for pulverizing of semi rigid, brittle and impact resistance materials where a powdered product is required. Granulated plastic materials are fed via vibratory feeder into the mill. High speed mill grinds the materials and suction system draw the materials from mill. With the help of proper metering and various screening system desired powder quality to be achieved. Coarse materials from the screen are re-entering into the mill via closed-loop system. Typical applications are the pulverizing of LDPE, LLDPE, RPVC, HDPE, UPVC, PC and various other plastics.

MODEL FEATURES

- Heavy duty sturdier design.
- Better fine materials according to application of plasticizing.
- High output with low power consumption.
- Output Powder size 18-35mm.
- Grinding disc of special materials for longer life.
- Easy to operate.
- Less manpower requirements.
- Compact design and minimum space utilization.



Model	Disk Dia (mm)	Main motor (kw)	Output (kg/hr)
SMT 60	300	11.5	60
SMT 80	300	15	80-90
SMT 100	300	22.5	100-120
SMT 120	400	30	140-160
SMT 150	400	37.5	170-200
SMT 200	600	56	250-300
SMT 300	600	75	350-450

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



Post Extrusion Equipments

Tanks

Vacuum Sizing Tank

MODEL	PIPE RANGE (MM)	LENGTH OF TANK	MOC	VACUUM PUMP (KW)	WATER PUMP (KW)	SHAPE
SMT-VST-110	20 mm TO 110 mm	6M, 9M	MS/SS	2.2 X 2 NOS.	2.2 + 3.7	Octagonal
SMT-VST-200	20 mm TO 200 mm	6M, 9M	MS/SS	2.2 X 2 NOS.	2.2 + 3.7	Octagonal
SMT-VST-250	32 mm TO 250 mm	6M, 9M	MS/SS	3.7 X 2 NOS.	3.7 + 5.5	Octagonal
SMT-VST-315	63 mm TO 315 mm	6M, 9M	MS/SS	3.7 X 2 NOS.	5.5 + 7.5	Octagonal
SMT-VST-450	110 mm TO 450 mm	6M, 9M	MS/SS	3.7 X 2 NOS.	5.5 + 7.5	Octagonal
SMT-VST-630	315 mm TO 630 mm	6M, 9M	MS/SS	5.5 X 3 NOS.	11 X 3 NOS.	Circular
SMT-VST-710	560 mm TO 710 mm	9M (2+7)	MS/SS	5.5 X 3 NOS.	11 X 4 NOS.	Circular
SMT-VST-1200	630 mm TO 1200 mm	9M (2+7)	MS/SS	7.5 X 4 NOS.	11 X 4 NOS.	Circular

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



MODEL	PIPE RANGE (MM)	LENGTH OF TANK	MOC	SPRAY PUMP (KW)	SHAPE
SMT-SCT-110	20 mm TO 110 mm	5M	MS/SS	2.2	Octagonal
SMT-SCT-200	20 mm TO 200 mm	5M	MS/SS	2.2	Octagonal
SMT-SCT-250	32 mm TO 250 mm	5M	MS/SS	3.7	Octagonal
SMT-SCT-315	63 mm TO 315 mm	5M	MS/SS	2.2 X 2 NOS.	Octagonal
SMT-SCT-450	110 mm TO 450 mm	5M	MS/SS	5.5	Octagonal
SMT-SCT-630	315 mm TO 630 mm	6M	MS/SS	5.5 X 2 NOS.	Octagonal
SMT-SCT-710	560 mm TO 710 mm	9M	MS/SS	7.5 X 2 NOS.	CIRCULAR
SMT-SCT-1200	630 mm TO 1200 mm	9M	MS/SS	7.5 X 2 NOS.	CIRCULAR

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



Spray Cooling Tank

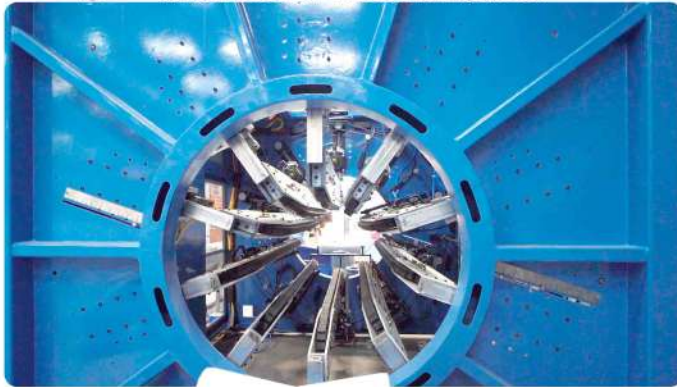
Post Extrusion Equipments Haul Off



Side View of Four Jaw Haul Off



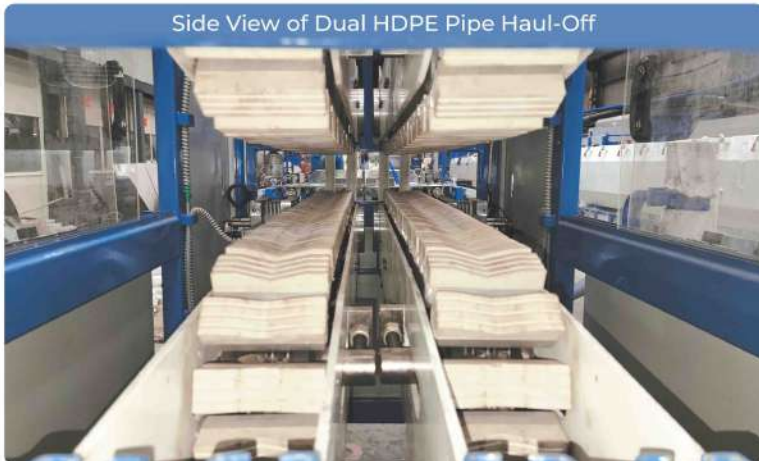
Side View of Ten Jaw Haul Off



MODEL	PIPE RANGE (MM)	NO. OF JAWS	TRANSMISSION TYPE	MOTOR POWER (KW)	CONTACT LENGTH (MM)	LINE SPEED (MPM)
SMT-TTU-75	16 mm TO 75 mm	2	BELT	2.2 X 02 NOS.	1000	25
SMT-TTU-110	20 mm TO 110 mm	2	BELT	2.2 X 02 NOS.	1500	20
SMT-TTU-200	20 mm TO 200 mm	2	CHAIN	2.2 X 02 NOS.	1500	15
SMT-TTU-250	32 mm TO 250 mm	3	CHAIN	2.0 X 03 NOS.	1500	11
SMT-TTU-315	63 mm TO 315 mm	3	CHAIN	2.0 X 03 NOS.	1500	0.3 - 11
SMT-TTU-450	110 mm TO 450 mm	4	CHAIN	2.0 X 04 NOS.	2500	0.3 - 11
SMT-TTU-710	560 mm TO 710 mm	8	CHAIN	2.0 X 08 NOS.	2500	0.06 - 1
SMT-TTU-1200	630 mm TO 1200 mm	10	CHAIN	2.0 X 10 NOS.	2500	0.05 - 0.6

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.

Side View of Dual HDPE Pipe Haul-Off





Post Extrusion Equipments

Cutters **SMT**

Up Stroke Cutter



Planetary
Saw Cutter



Dust Less Cutter



Profile Cutter



Twin Line Pipe Cutter



MODEL	PIPE RANGE (MM)	MOTOR POWER (KW)	CUTTING TYPE
SMT-CUT-50-US	16 mm TO 50 mm	0.75	UP STROKE
SMT-CUT-110-US	20 mm TO 110 mm	1.5	UP STROKE
SMT-CUT-110-DLC	20 mm TO 110 mm	1.5	KNIFE TYPE DUSTLESS
SMT-CUT-200-US	20 mm TO 200 mm	2.2	UP STROKE
SMT-CUT-200-DLC	20 mm TO 200 mm	2.2	KNIFE TYPE DUSTLESS
SMT-CUT-250-US	32 mm TO 250 mm	2.2	UP STROKE
SMT-CUT-250-DLC	32 mm TO 250 mm	2.2	KNIFE TYPE DUSTLESS
SMT-CUT-315-US	63 mm TO 315 mm	2.2	UP STROKE
SMT-CUT-PL-315-DLC	63 mm TO 315 mm	2.2 + 0.75	PLANETARY / DUSTLESS
SMT-CUT-PL-450-DLC	110 mm TO 450 mm	2.2 + 0.75	PLANETARY / DUSTLESS
SMT-CUT-PL-710-DLC	560 mm TO 710 mm	2.2 + 2.2 + 0.75	PLANETARY / DUSTLESS
SMT-CUT-PL-1200-DLC	630 mm TO 1200 mm	2.2 + 2.2 + 0.75	PLANETARY / DUSTLESS

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



SMT Post Extrusion Equipments

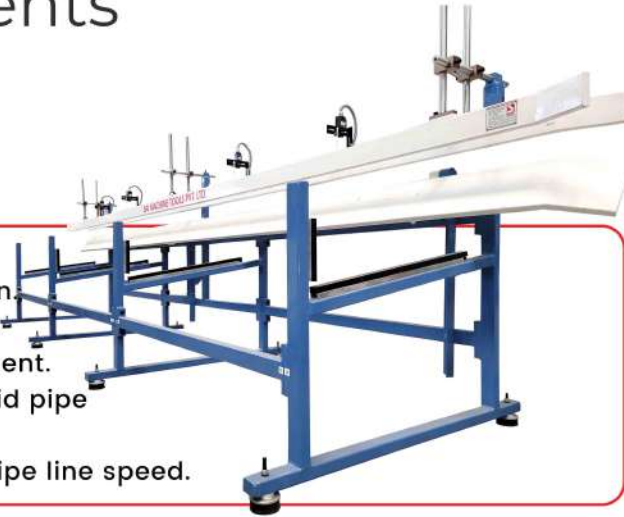
Tip Table

Pipe Stacker

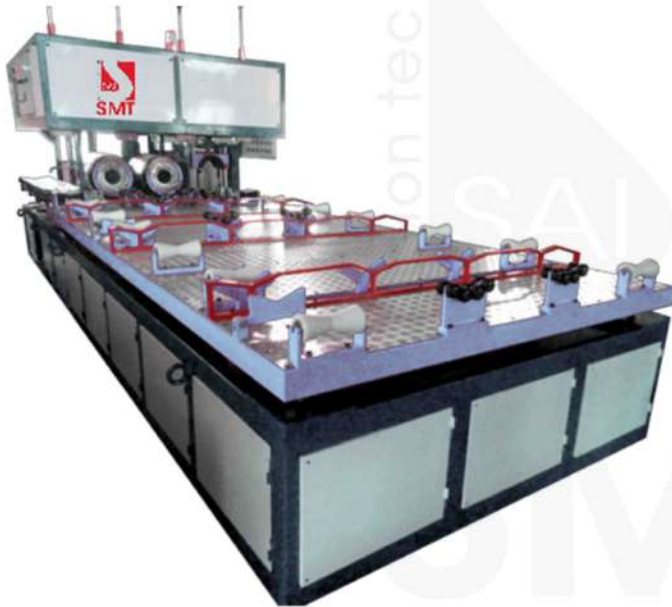
- Make : SMT
- Model : SMT-KR-110
- Pipe diameter : 20mm to 110mm
- Nominal length : 6 Meters
- Cutting length : 3-6 Meters

FEATURES

- Fully automatic.
- Pneumatic Operation.
- Metal welded frame.
- Central line adjustment.
- Special roller to avoid pipe surface scratches.
- Synchronized with pipe line speed.



RPVC Pipe Socketing Machine



FEATURES

- Output 170-450 kgs/Hr.
- Power 3-13kw, Rotary & Liner bed type Models.
- Size range : Rotary Models 19-25, 20-50, 32-75, 40-90, 63-110, 110-200.
- Size range : Linear Models 63-200, 90-250, 110-315 & Beyond
- SWR Socket : Fully Auto, Size- 75-110, 75-160.



MODEL	PIPE RANGE (MM)	CENTRAL HEIGHT (MM)
SMT SE 110	75-110	1200
SMT SE 250	63-250	1200
SMT SE 315	90-315	1200



Post Extrusion Equipments

RPVC Pipe Slotting Machine



Technical Specifications

- Pipe Dia(mm) 40-180. 90-250, 110-350, 200-400.
- Pipe length - 3000mm.
- Per Stroke-280mm
- Indexing Type 3-5-6

Die Head Unilayer & Multilayer

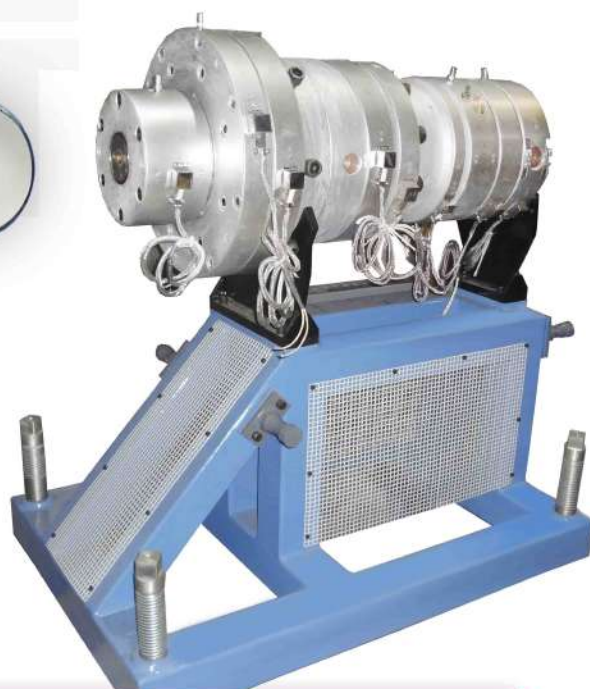
HDPE Die Heads

MODEL	PIPE RANGE (MM)	LAYER
SMT-110/300	20 mm TO 110 mm	MONO LAYER/TWO LAYER/THREE LAYER
SMT-200/400	20 mm TO 200 mm	MONO LAYER/TWO LAYER/THREE LAYER
SMT-250/600	32 mm TO 250 mm	MONO LAYER/TWO LAYER/THREE LAYER
SMT-315/600	63 mm TO 315 mm	MONO LAYER/TWO LAYER/THREE LAYER
SMT-450/800	110 mm TO 450 mm	MONO LAYER/TWO LAYER/THREE LAYER
SMT-630/800	315 mm TO 630 mm	MONO LAYER/TWO LAYER/THREE LAYER
SMT-710/1000	560 mm TO 710 mm	MONO LAYER/TWO LAYER/THREE LAYER
SMT-1200/1200	630 mm TO 1200 mm	MONO LAYER/TWO LAYER/THREE LAYER

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.

MODEL	PIPE RANGE (MM)
SMT-2NO-PVC	16 mm-40 mm
SMT-3NO-PVC	16 mm-110 mm
SMT-4NO-PVC	20 mm-200 mm
SMT-75/110-PVC	16 mm-75 mm
SMT-110/250-PVC	16 mm-110 mm
SMT-200/400-PVC	20 mm-200 mm
SMT-250/600-PVC	63 mm-250 mm
SMT-450/800-PVC	110 mm-450 mm
TDH-50-PVC	20 mm-50 mm

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



FEATURES

- Three Layer Coating Head
- Optimum strength
- Uniform melt homogeneity
- Selective temperature control
- Premium grade materials

Highly durable
Flawless finish
Ideal residence time
High output
Optimized back pressure



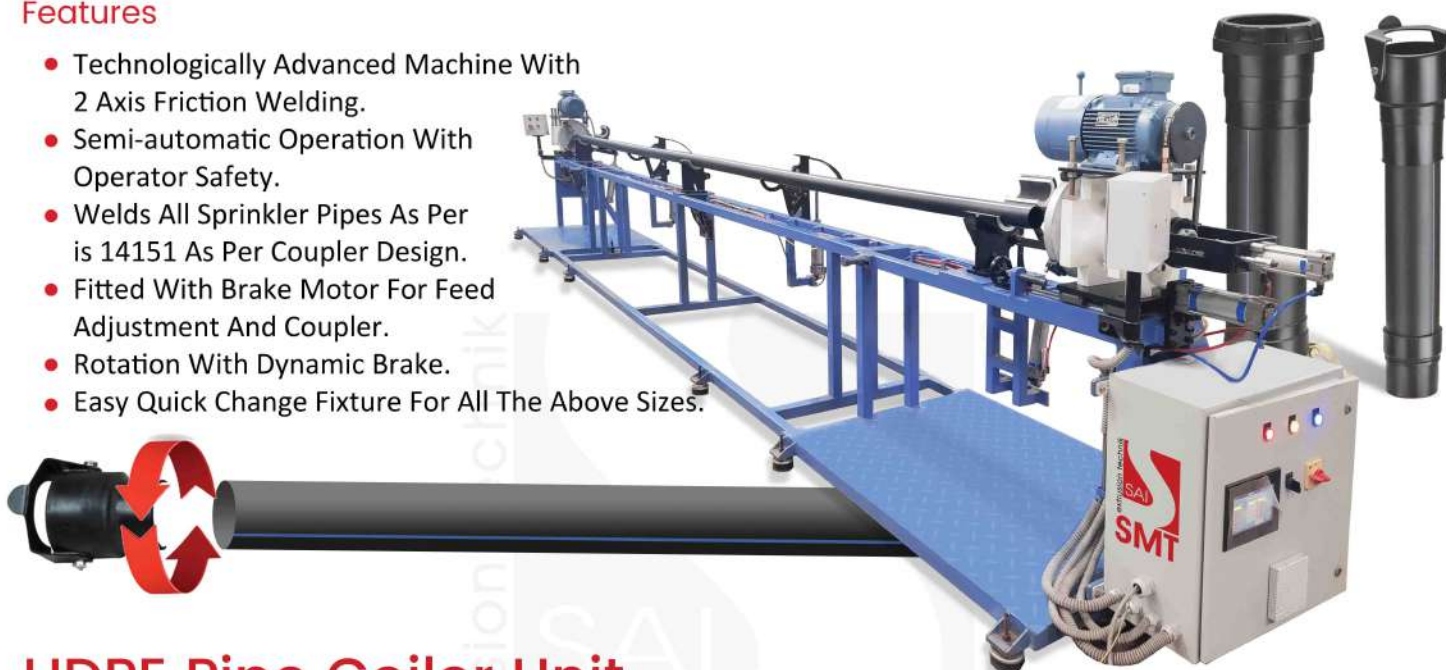
Post Extrusion Equipments

SMT HDPE Pipe Friction Welding Machine

Heavy Duty Ms Structure Two Station Friction Welding Semi Automatic Machine, In Which Head And Tail Part Of Sprinkler Pipe Can Be Weld Same Time With Complete Accuracy And Finishing With Inbuilt Control Cabinet Suitable For 63 Mm To 110 Mm. Capacity Is 150 To 180 Pipes Per Hour Depends Upon Quality Of Pipe And Skilled Men Power.

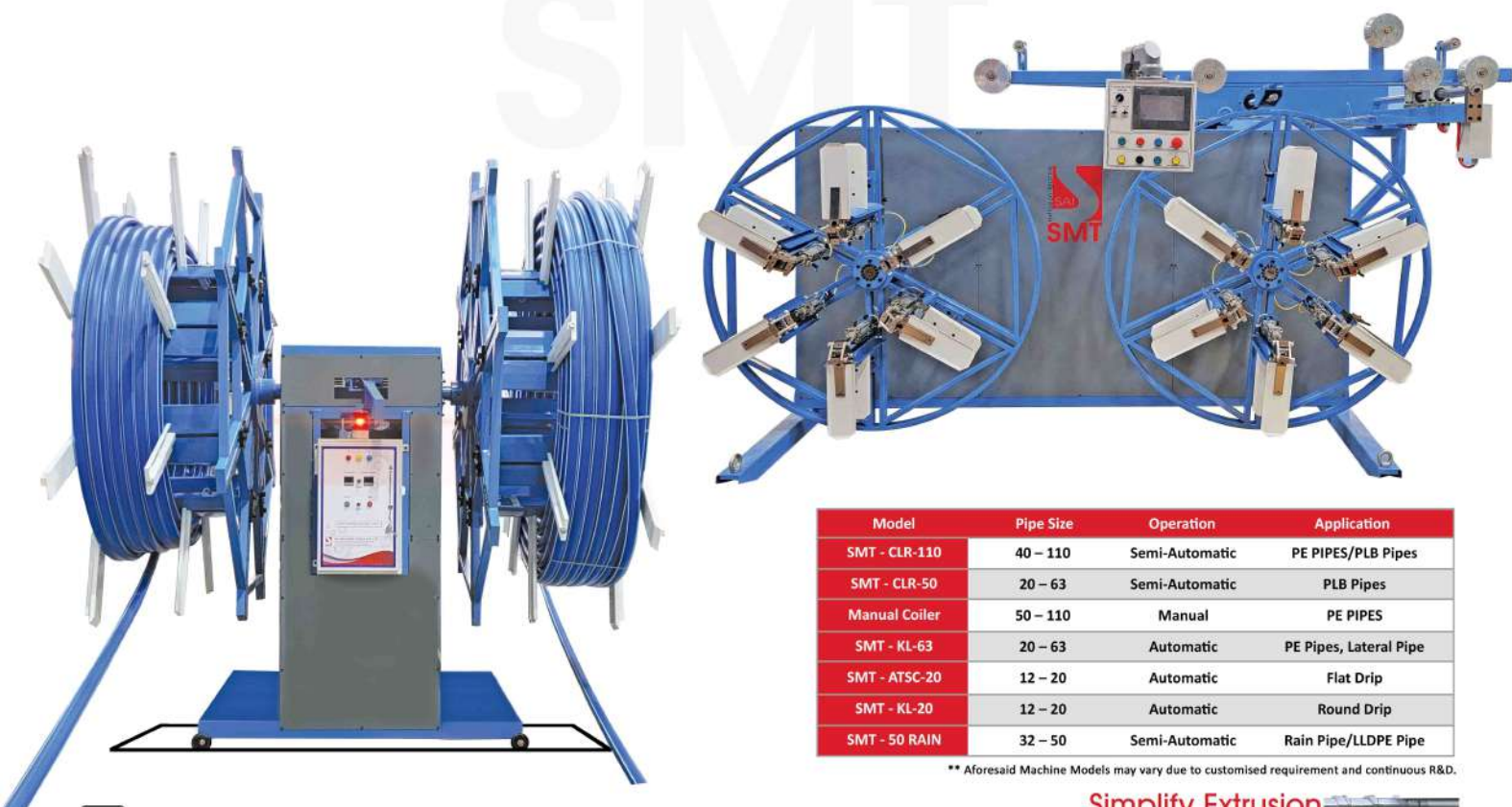
Features

- Technologically Advanced Machine With 2 Axis Friction Welding.
- Semi-automatic Operation With Operator Safety.
- Welds All Sprinkler Pipes As Per is 14151 As Per Coupler Design.
- Fitted With Brake Motor For Feed Adjustment And Coupler.
- Rotation With Dynamic Brake.
- Easy Quick Change Fixture For All The Above Sizes.



HDPE Pipe Coiler Unit

Our Semi-Auto Coiler unit is equipped with proper clutch control device, AC VFD control, suitable to coil from 40 mm to 110 mm Dia of HDPE pipe with Electronic Length Counter Meter with complete synchronization. These are suitable to coil HDPE Pipe Coils, MDPE Gas Pipe Coils & PLB (Pre Lubricated) Telecom Ducts.



Model	Pipe Size	Operation	Application
SMT - CLR-110	40 – 110	Semi-Automatic	PE PIPES/PLB Pipes
SMT - CLR-50	20 – 63	Semi-Automatic	PLB Pipes
Manual Coiler	50 – 110	Manual	PE PIPES
SMT - KL-63	20 – 63	Automatic	PE Pipes, Lateral Pipe
SMT - ATSC-20	12 – 20	Automatic	Flat Drip
SMT - KL-20	12 – 20	Automatic	Round Drip
SMT - 50 RAIN	32 – 50	Semi-Automatic	Rain Pipe/LLDPE Pipe

** Aforesaid Machine Models may vary due to customised requirement and continuous R&D.



Blown Film Mono & Multi Layer Tubing Machine

MODEL SPECIFICATION

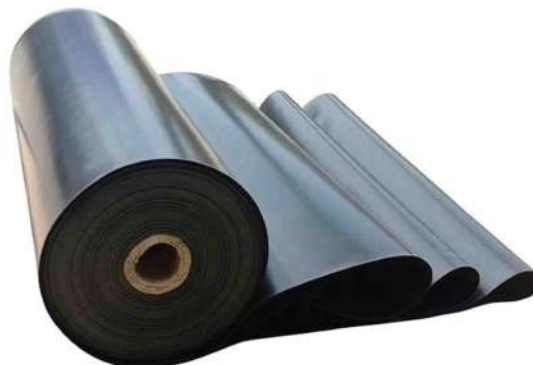
- Model :- Monolayer / Multilayer (ABA , ABC TYPE)
- Material :- HDPE/HMHDPE/LD/LLDPE
- Screw Dia :- 35mm, 45mm, 65mm, 75mm, 90mm
- Thickness:- 20 To 1200 Microns
- LFW:- 600mm To 5500mm
- Output:- 40kg/Hr To 1500 Kg/Hr

Film Plant (Mulching Film Plant)
(Geomembrane Plant)



FEATURES

- Sheet Surface Without Warpage.
- Low Maintenance & Higher Output.
- Easy In Operation.
- High Gloss & Matt Finish Sheet.
- Very Competitive Production Cost .



Simplify Extrusion
We Make Extrusion Easy



We Design, Manufacture & Supply Extrusion Lines for :

FLAT Drip Tube | ROUND Drip Tube | PVC Pipe | HDPE Pipe | MDPE Pipe | PPR Pipe | LLDPE Pipe | Recycling | Soft PVC Garden Tubing | SPVC Braided Hose Pipe | SUCTION HOSE Pipe | WIRE AND CABLE Coating Plants



Scan for Address on Map



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