



Devikrupa group

Help You Invent the Future

Since 2001



MASTER'S IN PVC/HDPE PIPE MAKING MACHINE

21 YEARS OF EXPERTISE

Devikrupa Group is Leading PVC, HDPE Pipe Plant Manufacturer in India. The Company Also Engaged in Manufacturing, Exporting and Supplying the Finest Quality Range of Single Screw Barrel, Twin Screw Barrel, Bimetallic Screw Barrel & Food Processing Screw Barrel.

Since 2001, **Devikrupa Group** Operates from Well-Equipped Machine and Fabrication Shops Facilities Which are Spread Over 10,000 SQM. Our 100+ Expert Engineers and Well Experienced Staff Helps Us to Provide Superior Quality Products to Our Customers. **Devikrupa Group** Offers Top Class Products and Gain a Top Place in the Plastic Machinery Industry.

#1 SUPPLIER IN REGION

Our Group is No. One in Plastic Machinery Manufacturing Because We Never Compromise With Our Products.



500+
MACHINE

mfrs

World Class

PVC & HDPE PIPE
EXTRUSION MACHINERY



11+
COUNTRY



1100+
CLIENT

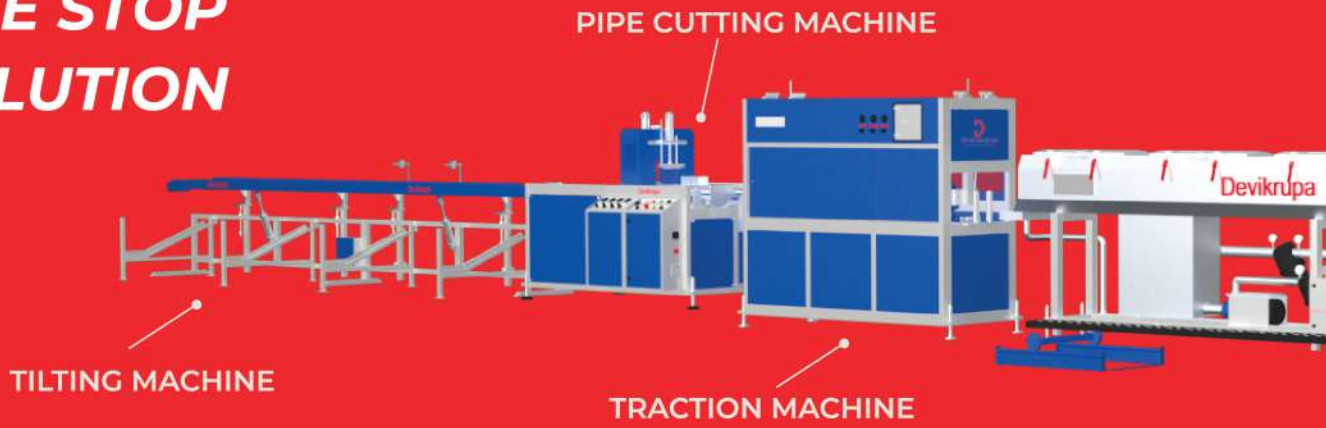


OUR MACHINE BUILD WITH PREMIUM QUALITY PRODUCTS



Why Our Machines?

- » Robust Construction
- » Highly Efficient
- » Lower Maintenance
- » Customizable Design
- » Simple to Operate
- » Error Diagnose System

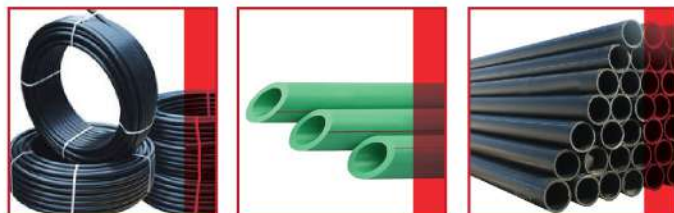


PVC PIPE PLANT



Extruder Models	PVC 52/18-120	PVC 52/22-150	PVC 52/25-170	PVC 65/18-200	PVC 65/22-250	PVC 72/28-350	PVC 90/22-450	PVC 90/25-550	PVC 92/28-700
L/D Ratio	18:1	22:1	25:1	18:1	22:1	28:1	22:1	25:1	28:1
Main Drive KW - AC	11	15	18	22	30:22	37	45	55	75
Output In KG/HR	100 to 120	130 to 150	150 to 170	180 to 200	200 to 250	300 to 350	400 to 450	500 to 550	650 to 700

HDPE / PPR PIPE PLANT



Models	Extruder Drive(KW)	Screw Dia (mm)	L.D. Ratio	Output (Kg/Hour)
DG 65GH	37	45:65	37:32	110-140
DG 65GH	55	45:65	37:32	200-220
DG 65GH	67	45:65	37:32	220-250
DG 75GH	90	45:75	37:32	325-350
DG 90GH	112	45:90	37:32	430-450
DG 90GH	134	60:90	37:32	500-550
DG 90GH	164	60:120	37:32	650-700

VACCUM TANK

FULLY AUTOMATIC
PVC | HDPE PLANT



VACCUM TANK

Models	Pipe Range(mm)	Cooling Length(mm)	No. of Chamber(mm)
VST - 75	16 - 75	4000	1
VST - 110	16 - 110	4000/6000	1
VST - 200	16 - 200	6000/9000	1
VST - 250	50 - 250	6000/9000	1/2
VST - 315	63 - 315	6000/8000	1/2
VST - 450	110 - 450	6000/8000	1/2



TRACTION MACHINE



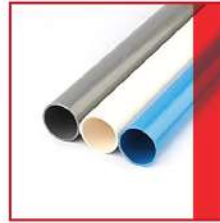
Models	H 75	H 110	H 200	H 250	H 250/4	H 315/4	H 400/4
Pipe Diameter Range (mm)	20 - 75	20 - 110	20 - 200	40 - 250	50 - 250	63 - 350	90 - 400
No. of Caterpillars	2	2	2	2	4	4	4

PIPE CUTTING MACHINE



UPSTROKE CUTTER SAW

Models	C-75	C-110	C-200	C-250	C-315
Pipe Dia Min	16	16	16	16	63
Pipe Dia Max	63	110	200	250	315



PLANETARY CHIPLESS CUTTER SAW

Models	50-250	110-400
Pipe Dia Min	90	90
Pipe Dia Max	250	400

TILTING MACHINE



Models	TU - 75	TU - 110	TU - 200	TU - 250	TU - 315	TU - 400	TU - 630
Pipe Size	20 - 63	20 - 110	20 - 200	20 - 250	63 - 315	90 - 400	200 - 630
Bed Type	Roller	Roller	Roller	Roller	Roller	Roller	Roller



AUTO COILER DOUBLE STATION

» **Coiler Size :** 16mm to 110mm.

» Coiler for HDPE / MDPE Pipe with Servo Motor for Coiling.

HIGH-SPEED HEATER-COOLER MIXER



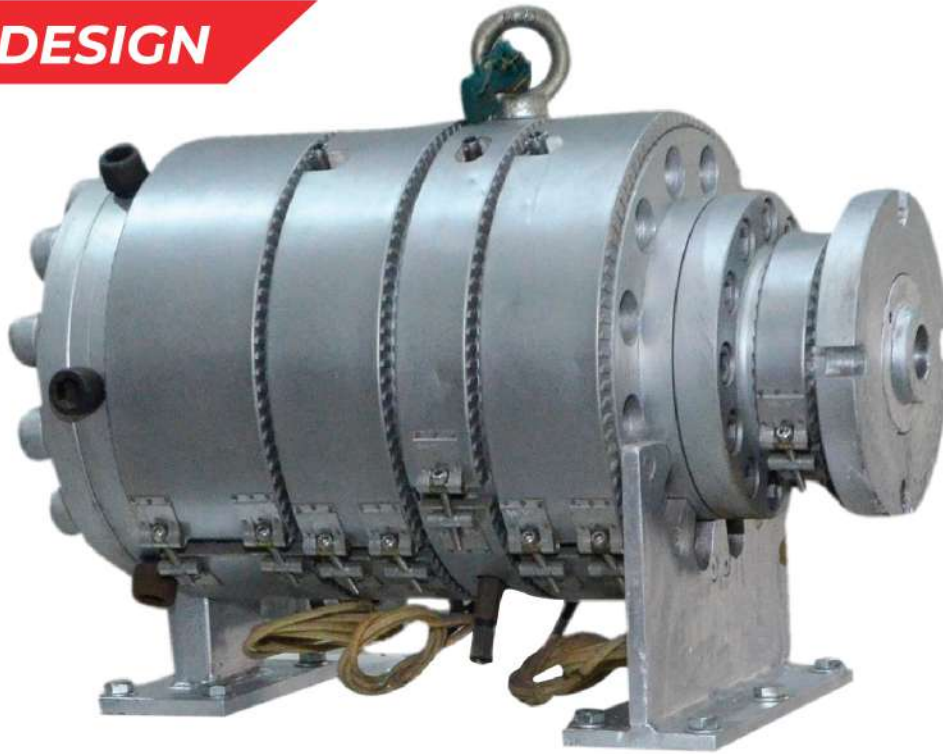
Models	1	2	3	4	5	6
	40 Kg	65 Kg	90 Kg	120 Kg	150 Kg	200 Kg



PVC PIPE EXTRUSION PLANT DIE

DIE HEAD

SPIDER DESIGN



FEATURES

- » High-Volume Low-Pressure Design Ensures Vast Thickness Range.
- » Uniform Melt Distribution Throughout the Entire Pipe Circumference.
- » Twin Die Heads For Higher Outputs in Smaller Diameters.
- » Extruders Utilization From 80-100% Even With Smaller Pipes.
- » Elimination of Continuous Spider Marks (ID to OD) Allowing Better Mechanical Properties of the Pipe.
- » Ideal Residence Time Profile With Selective Temperature Control on the Sensitive Material.



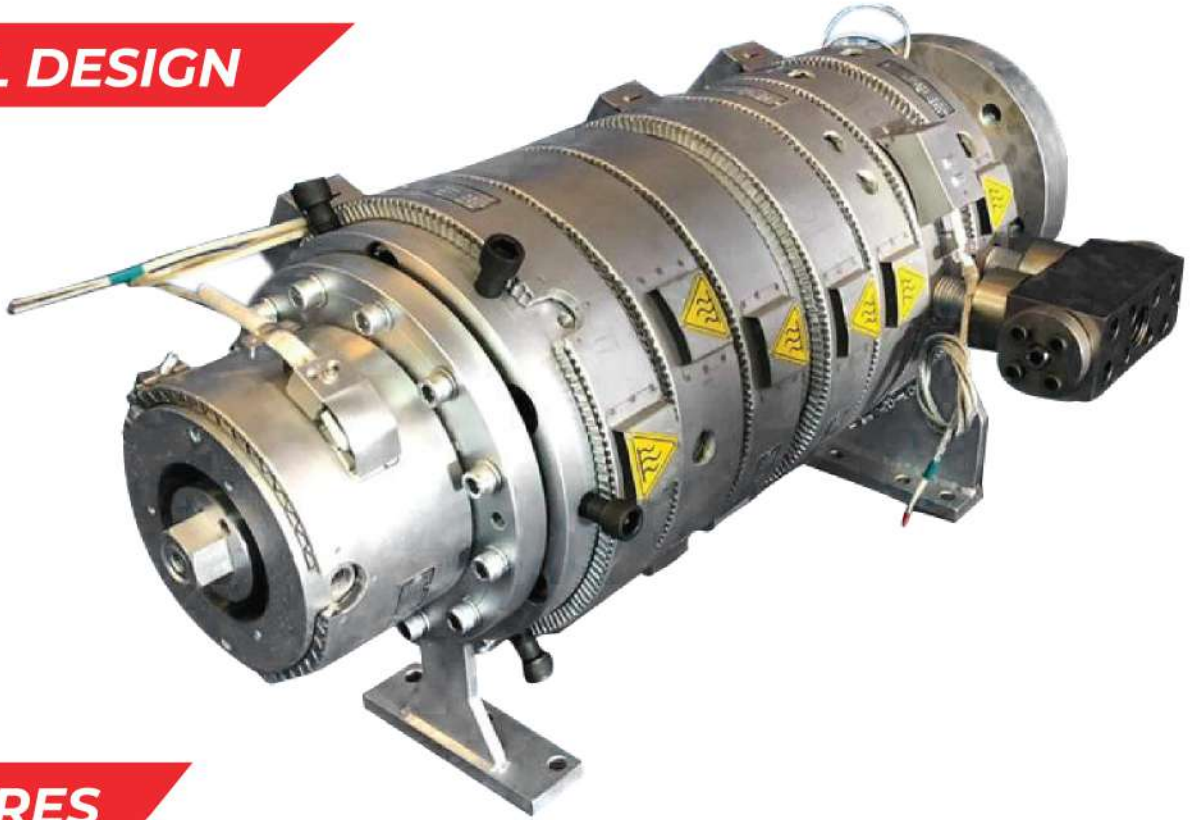
Series	Unit	DD 63	DD 110	DD 200	DD 250	DD 315	DD 400	DD 630
Pipe Range	mm	16-63	20-110	63-200	110-250	110-315	200-400	300-630
Output Capacity Up To**	Kg/hr	100-170	250	450	550	700	900	1200

HDPE PIPE

EXTRUSION PLANT DIE

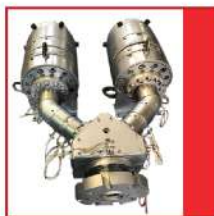
DIE HEAD

SPIRAL DESIGN



FEATURES

- » Improved Inner Pipe Surface and Short Purging Time.
- » Optimized Back Pressure Allows a Balance of Compression & Melt Temperature Control.
- » Uniform Melt Flow Can Be Achieved Yielding Minimum wall Thickness Deviation.
- » Enables PE, PPR, ABS Process Ability Only By Changing The Tooling.
- » Constant Processing Characteristics Over the Full Range of Material.
- » Consistent Product Quality For All Pipe Sizes.
- » Low Pressure Build-Up & Low Melt Temperature Even With High Throughput.



HDPE Twin die



HDPE Three layer die



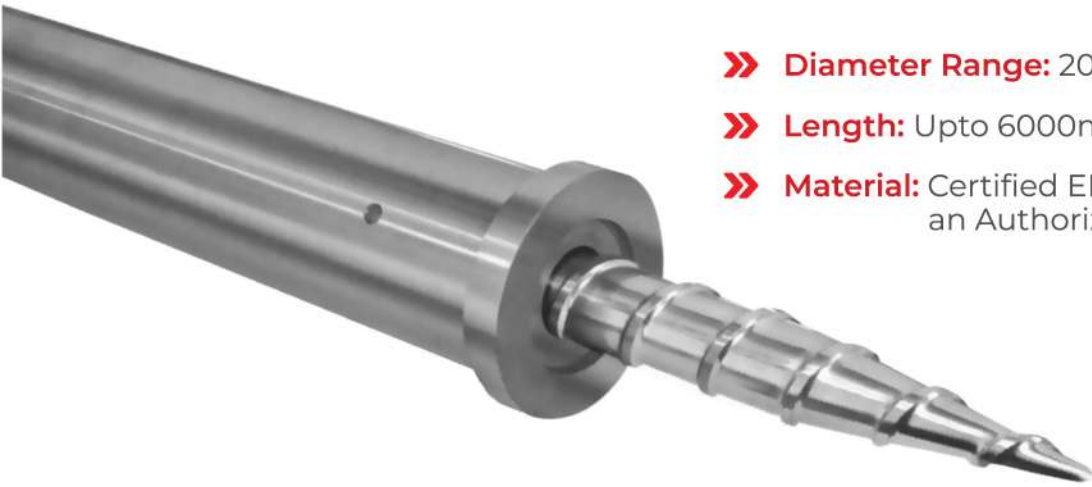
HDPE DD200



HDPE DD110

Series	Unit	DD - 50	DD - 110	DD - 200	DD - 250	Three Layer Small	Three Layer Big
Pipe Range	mm	12-50	20-110	20-200	63-250	16-125	63-250
Output Capacity Up To**	Kg/hr	150	250	500	650	500	900

SINGAL SCREW BARREL



- » **Diameter Range:** 20mm to 200mm.
- » **Length:** Upto 6000mm.
- » **Material:** Certified EN41B MUSCO Procured From an Authorized Dealer.

SINGLE SCREW FEATURES

- » Dimensional Accuracy in Tolerance of ± 0.02 .
- » Higher Output Capacity and Longer Life Span.
- » Extraordinary Surface Hardness With TC Coating. (Depth 1.5 to 2 mm)
- » Accurate Linearity of Screw. ($<0.02\text{mm/m}$)



SINGLE BARREL FEATURES

- Precise Positioning of Barrel Bore and Smooth Finishing. «
- Accurate Compatibility With Die and Gear Box. «
- Bore Inspection With Precision Gauging Machine. «
- Extraordinary Wear-Resistant By Nitriding. «
- Higher Output. «

APPLICATION OF SINGLE SCREW BARREL

Pipe Plant

- » PVC Conduit Pipe
- » PVC Profile
- » PVC Soft Tubing
- » PVC Suction
- » SPVC Braided Hose
- » HDPE Pipe
- » PVC Cable Coating

Orientation Extrusion Machinery

- » Extrusion Coating Machine (LD/HD/PP)
- » Sheet Extrusion Machine (PP/LD/HD/ABS/PC/HIPS)
- » Tape Plant
- » Rubber Industries
- » Food Industries

Blown Film Plant

- » Mono Layer Extrusion Plant (LDPE/LLDPE/HM/HDPE/PVC/PP)
- » Multi-Layer Film Plant (LDPE/LLDPE/Nylon/HDPE/PP)

Blow Moulding Plant

Injection Moulding Plant

TWIN SCREW BARREL



- » **Diameter Range:** 52mm to 110mm.
- » **Length:** 110 Kg/hr to 900 Kg/hr.
- » **Material:** Certified EN41B MUSCO Procured From an Authorized Dealer.

TWIN SCREW FEATURES

- » Dimensional Accuracy in Tolerance of ± 0.02 .
- » Accurate Gap Checking With Pin Gauge.
- » Effortless to Fit In Barrel and Higher Output Capacity.
- » Longer Life With Gas Nitriding.
- » Extraordinary Surface Hardness With TC Coating. (Depth: 1.5 to 2 mm)
- » Accurate Linearity of Screw. ($<0.02\text{mm/m}$)
- » Best Melt Quality.



Screw Barrel Models

DTS - 90/110	DET - 52x16
DTS - 140E	DET - 52x18
DTS - 170	DET - 52x22
DTS - 200	DET - 52x25
DTS - 250	DET - 65x16
DTS - 300	DET - 65x18
DTS - 350	DET - 65x22
DTS - 450	DET - 68x28
DTS - 550	DET - 72x28
DTS - 700	DET - 90x22
DTS - 900	DET - 90x25
-	DET - 92x28
-	DET - 110x28

TWIN BARREL FEATURES

- » Precise Positioning of Twin Barrel Bores and Centre Distance.
- » Extraordinary Surface Quality Through Honing.
- » No Trace of Any Irregularities in Assembled Barrel's ID Bores.
- » No Burning and Lining Problem in Production.
- » Extraordinary Wear Resistant by Nitriding.
- » High Plasticizing Performance.



APPLICATION OF TWIN SCREW BARREL



PVC Pipe & UPVC Pipe



CPVC Pipe



RPVC Pipe



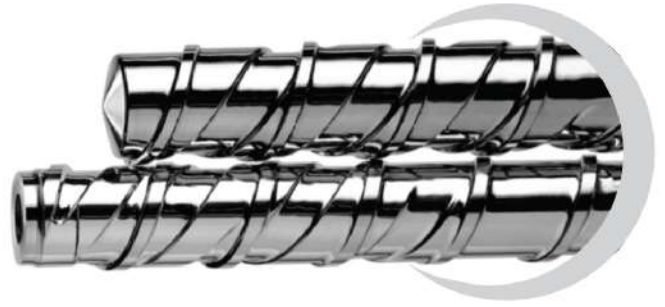
RPVC Pipe

BARRIER MEDOX SCREW

The Advantages of Darrier Screws are Proper Mixing & Higher Productivity.

Barrier Screws Exclude Undesired Degradation of the Products Too.

Manufacture Such Screw for Variety of Materials and Applications.



GROOVED FEED BUSH

We Manufacture Grooved Feed Bush From 30mm to 180mm Dia. or as Per Client's Specifications Drawing.

EXTRUSION SPARES FOR CUSTOMER SUPPORTS



Spray Nozzel



Rubber Pad



Aluminium Section



Vacuum / Pressure Gauge / Gauge



Oil Filter



Vacuum Filter



Water Filter



Water Filter



Vacuum Filter Body



Vent Housing



Cooling Cell



Traction Track Assembly



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Since 2001

SHAPE YOUR DREAM WITH **DEVIKRUPA GROUP** PVC & HDPE PIPE MACHINES



**EXPORTED TO
11+ COUNTRIES**



SCAN TO WATCH
MACHINE VIDEO



SCAN TO
VISIT WEBSITE

24/7 Quick Contact



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