



## PIPE EXTRUSION MACHINERY



**JEF JIMKHAAS**  
EXTRUSIONS  
—Destiny Of Excellence—

**JIMKHAAS EXTRUSIONS**

**JIMKHAAS EXTRUSIONS** Manufacturers & Exporters of **Plastic Pipe Extrusion Machinery** With All Kind of Accessories.

Our Product Basket Is As Follows With The Introduction Of Pipe Extrusion Plants:

- ⊙ **RPVC / UPVC / CPVC Pipe Extruder**
- ⊙ **HDPE / PPR Pipe Extruder**
- ⊙ **Garden Hose Pipe Extruder**
- ⊙ **Post Extrusion Equipment For Pipe Extruder**

Our Plants Are Based On The State Of Art Technology Currently Used In The Developed Countries. We Provide Pre-designed Tailor-made And Specific Solution For Efficiency Performance, Productivity, And Enhancement And Cost Effectiveness.

JIMKHAAS Extrusions Delivers The Highest Degree Of Integrity And Honesty To All Its Customers, So As To Remain In Continual Development And Provide The Best Services Possible.

The Company's Products Have Been Not Chosen By Consumers Within Domestic Market, But Also Selected By The Other Countries.

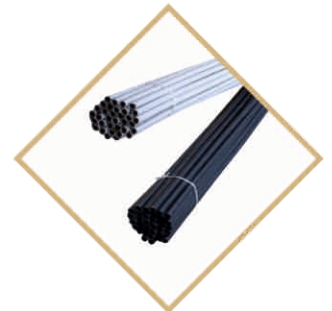
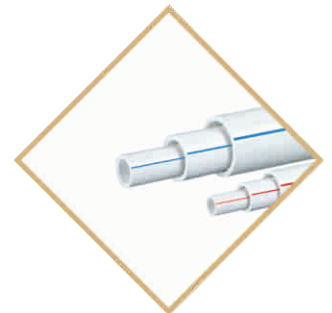
JIMKHAAS Extrusions Provide The Highest Cost Effective Solution By Applying The Latest Advanced Technologies.

**Vision** : To Be The First And Best Choice In The Field Of Pipe Extrusion Machinery And Equipments.

**Goal** : Produce Quality Products To Meet Or Exceed Our Customers Expectation.



# PVC Pipe Twin Screw Extruder



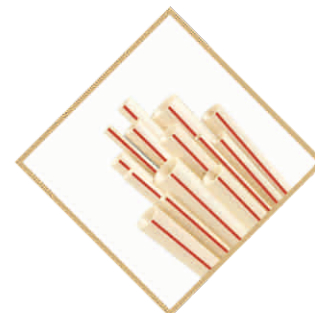
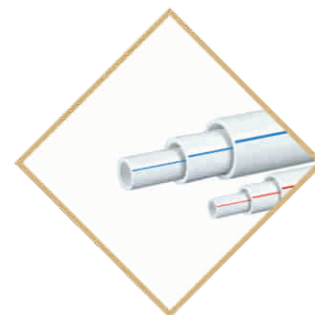
## Advantages

- ◆ Efficient barrel cooling system.
- ◆ AC motors with optimal degree of efficiency.
- ◆ Custom made anti wear protection made of tungsten carbide and chrome combined with top quality nitride surfaces.
- ◆ Special power saving system with details.
- ◆ Easy handling through intelligent machine design.
- ◆ PLC control Systems.
- ◆ 10% to 15% Heating Power Saving Systems In PLC Base Control.
- ◆ Thick Thin Device for Casing and Column Pipe on Request.
- ◆ High Alert System for Heating Tripping and Motors Tripping.
- ◆ Easy Operating System.

## Extruder Specification

Model	Unit	JEPE 52 - 100	JEPE 52 - 170	JEPE 65 - 200	JEPE 65 - 250	JEPE 71 - 350	JEPE 90 - 450	JEPE 90 - 550	JEPE 92 - 700	JEPE 110 - 950	JEPE 135 - 1500
Screw Dia	MM	52	52	65	65	71	90	90	92	110	135
L/D Ratio	-	18 : 1	25 : 1	18 : 1	22 : 1	28 : 1	22 : 1	25 : 1	28 : 1	28 : 1	28 : 1
Main Motor	KW	11.25	15	22.5	22.5	30	45	60	75	90	160
Output	Kgs/hr	100 - 110	150 - 170	180 - 200	220 - 250	300 - 350	400 - 450	500 - 550	650 - 700	850 - 950	1300-1500
Pipe Range (Single Die Head)	MM	20 - 110	20 - 200	20 - 200	63 - 250	110 - 315	110 - 400	100 - 400	160 - 400	160 - 400	250 - 630
Pipe Range (Twin Die Head)	MM	19 - 50	19 - 50	19 - 50	20 - 110	20 - 110	20 - 110	63 - 200	63 - 200	90 - 200	110 - 250

# PVC Conical Twin Screw Extruder



## Features

- ◆ Next Generation Machine
- ◆ Low Power Consumption and Energy Saving
- ◆ Minimize wear and tear
- ◆ Synchronization of drive of Extruder with Feeder and Traction Unit to reduce wastage
- ◆ Vertical feeder for easy adaption of different bulk density of materials.
- ◆ Low Maintenance
- ◆ Row-materials & brought out items from the world-class quality makers.
- ◆ PLC controls on request

## Advantages

- ◆ Maintenance-free screw cooling system
- ◆ Efficient barrel cooling system
- ◆ AC motors with optimal degree of efficiency
- ◆ Custom-made anti-wear protection made of tungsten carbide and chrome combined with top-quality nitride surfaces

## Extruder Specification

Model	JECE 51X105	JECE 55X120	JECE 65X132	JECE 80X156	JECE 92X188
Minimum Pipe OD(mm)	16	16	63	110	315
Maximum Pipe OD(mm)	200	200	225	315	630
Output (Kg / Hour)	150KG	200KG	250KG	350KG	450KG
Main AC Drive (KW)	18.5	30	37	55	75

# HDPE / PPR Pipe Extruder



## Advantages

- ◆ Higher output rates.
- ◆ High Speed Models for Reduced power consumption.
- ◆ Wider range of processing applications due to longer LD ratio.
- ◆ Superior physical properties of end product.
- ◆ High Power Savings Systems with New Generation Machinery.
- ◆ PLC controls on request.
- ◆ 10% to 15% Heating Power Saving Systems In PLC Base Control.
- ◆ High Alert System for Heating Tripping and Motors Tripping.
- ◆ Easy Operating System.

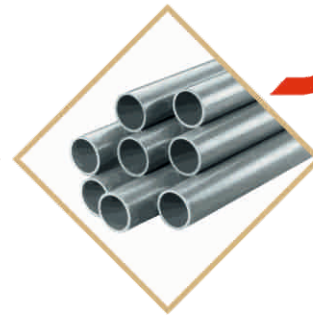
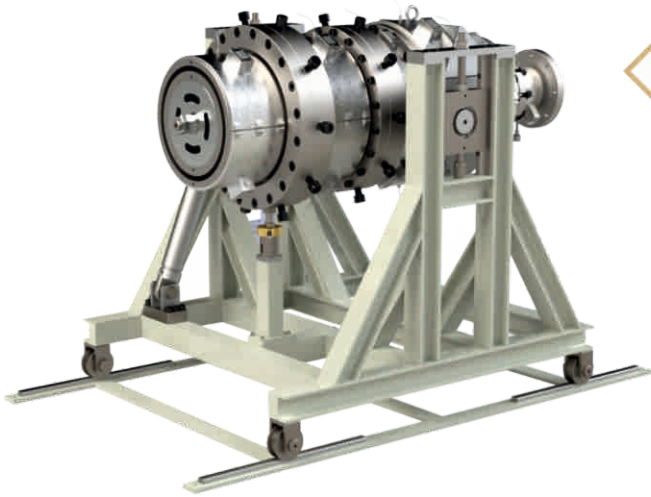
## Safety Features

- ◆ Berier Screw for high speed screw safety.
- ◆ Heavy trust puck for back pressure exope.
- ◆ Heavy oil seal for oil leakages.

## Extruder Specification

Model	Unit	JEHE 45 - 80	JEHE 45 - 140	JEHE 45 - 190	JEHE 45 - 240	JEHE 45 - 330	JEHE 60 - 400	JEHE 60 - 550	JEHE 75 - 700	JEHE 75 - 850
Screw Dia	MM	45	45	45	45	45	60	60	75	75
L/D Ratio	-	37 : 1	37 : 1	37 : 1	37 : 1	37 : 1	37 : 1	37 : 1	37 : 1	37 : 1
Main Motor	KW	22	45	55	75	90	110	132	200	250
Output	Kgs/hr	60 - 80	140 - 160	180 - 190	220 - 240	300 - 330	380 - 400	500 - 550	650 - 700	800 - 850

# PVC Die Head



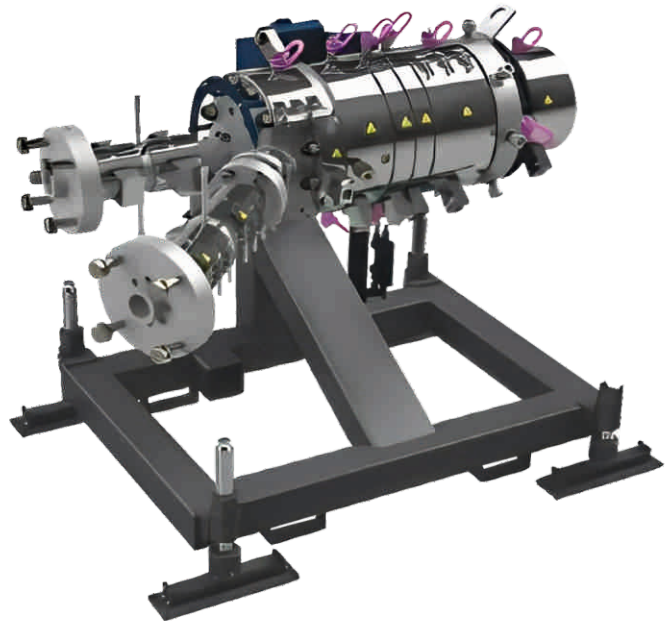
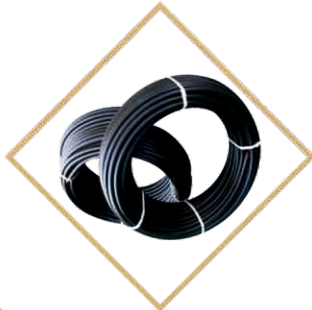
## Dual PVC Pipe Die Head Specification

Model	Unit	JEPDT 50 / 100	JEPDT 110 / 500	JEPDT 200 / 800
Throughput	Kgs/hr	250	250	400
Pipe Range	MM	16 - 75	20 - 110	50 - 200

## PVC Pipe Die Head Specification

Model	Unit	JEPDS 75 / 250	JEPDS 110 / 250	JEPDS 200 / 400	JEPDS 250 / 600	JEPDS 315 / 800	JEPDS 400 / 800	JEPDS 450 / 1000	JEPDS 630 - 1000
Throughput	Kgs/hr	250	250	400	600	800	800	1000	1200
Pipe Range	MM	16 - 75	20 - 110	50 - 200	63 - 250	110 - 315	110 - 400	160 - 450	225 - 630

# HDPE / PPR Die Head



## HDPE / PPR Pipe Die Head Specification

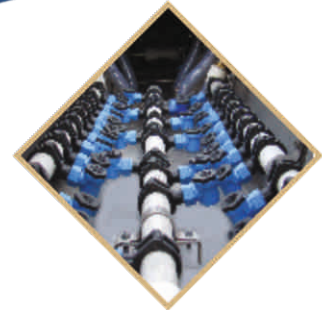
Model	Unit	JEHDS - 50	JEHDS - 200	JEHDS - 250	JEHDS - 450	JEHDS - 630
Throughput	Kgs/hr	200	500	800	1000	1200
Pipe Range	MM	12 - 50	20 - 200	63 - 250	90 - 450	225 - 630
Internal Pipe Cooling	N.A	N.A	IPC	IPC	IPC	



## Garden Hose Pipe Extrusion Lines Specification

Model	Unit	JEGP - 65MM	JEGP - 75MM	JEGP - 90MM
Screw Dia	MM	65	75	90
L/D Ratio	-	28 : 1	28 : 1	28 : 1
Main Motor	KW	12	15	19
Output	Kgs/hr	50 - 60	70 - 80	100 - 110

# Vacuum Tank



## Vacuum Tank Specification

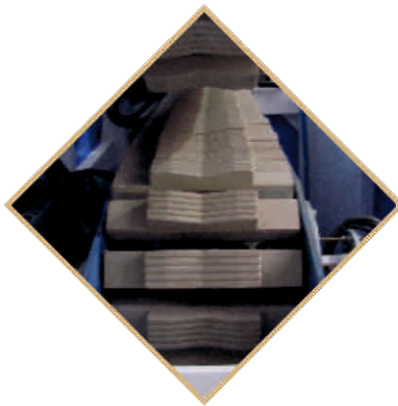
Model	Unit	JEVT - 110	JEVT - 200	JEVT - 250	JEVT - 315	JEVT - 450	JEVT - 630
Pipe Range	MM	20 - 110	20 - 200	50 - 250	50 - 315	75 - 450	110 - 630
Cooling Length	Mtr	4/6/8/9	4/6/8	6/8	6/8	6/8	8
No. of Chamber	-	1	1	2	2	2	2

# Cooling Tank



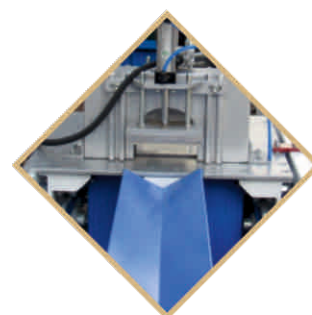
## Cooling Tank Specification

Model	Unit	JECT - 110	JECT - 200	JECT - 250	JECT - 315	JECT - 450	JECT - 630
Pipe Range	MM	20 - 110	20 - 200	50 - 250	50 - 315	75 - 450	110 - 630
Cooling Length	Mtr	4/6/8	4/6/8	6/8	6/8	6/8	8
No. of Chamber	-	1	1	1	1	1	1



## Traction Unit Specification

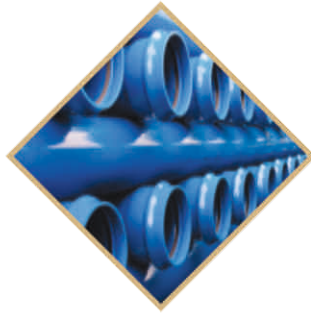
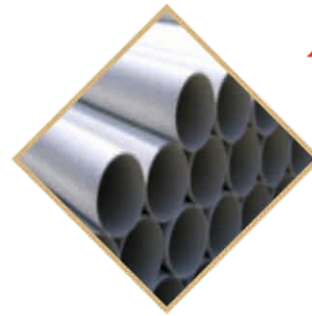
Model	Unit	JET - 110	JET - 200	JET - 250	JET - 250/4	JET - 315/4	JET - 450/4	JET - 630/6	JET - 630/8
Pipe Range	MM	16 - 110	20 - 200	50 - 250	63 - 250	63 - 315	75 - 450	110 - 630	250 - 630
No. of Tracks	Nos.	2	2	2	4	4	4	6	8
Max. Line Speed	Mtr. / Min	15	15	15	7	10	7	6	4.5
Contact Length	MM	800	1200	1600	1200	1200	1600	1450	1450
Drive Option	-	ServoElec./ Standard	ServoElec./ Standard	ServoElec./ Standard	ServoElec./ Standard	ServoElec./ Standard	Servo Elec.	Servo Elec.	Servo Elec.



## Tube Cutting Unit Model Specification

Model	Unit	JEC - 110	JEC - 200	JEC - 250	JEC - 315	JEC - 110/2	JEC - 200/2
Pipe Range	MM	20 - 110	20 - 200	50 - 250	90 - 315	20 - 110	20 - 200
Cutting Speed (Max.)	Mtrs. / Min	20	12	10	6	20	12
Clamping From	-	Top	Top	Top	Side / Top	Top	Top

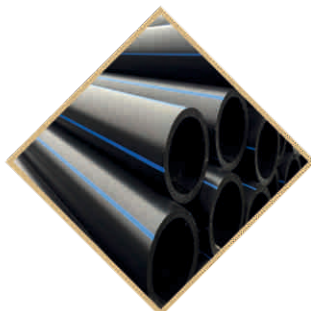
# Tilting Unit



Tilting Unit

Model	Unit	JETU - 110	JETU - 200	JETU - 250	JETU - 400	JETU - 630
Pipe Range	MM	16 - 110	20 - 200	50 - 250	90 - 400	110 - 630
Bed Type		Flat Tray	Roller - Tilting	Roller - Tilting	Roller - Tilting	Roller - Tilting

# Pipe Coiler





## High Speed Heater Cooler Mixer Specification

Model	BATCH CAPACITY IN (KGS.)	MAIN DRIV JEHSM (KW)	MAIN DRIV JECSM (KW)
JEHSM 50 - JECSM 150	15	7.5	1.5
JEHSM 130 - JECSM 400	40	15	3.7
JEHSM 130 - JECSM 400	40	18.5	3.7
JEHSM 200 - JECSM 400	65	30	3.7
JEHSM 200 - JECSM 400	65	37	3.7
JEHSM 250 - JECSM 600	90	37	5
JEHSM 250 - JECSM 600	90	45	5
JEHSM 350 - JECSM 1000	120	55	7.5
JEHSM 350 - JECSM 1000	120	75	7.5

# Pulverizer



JIMKHAAS EXTRUSIONS 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.

## Features

- ◆ Heavy duty sturdier design.
- ◆ High output with low power consumption.
- ◆ Microprocessor based control system.
- ◆ Grinding disc of special materials for longer life. ill Easy to operate.
- ◆ Less manpower requirements.
- ◆ Better fine materials according to application of plasticizing.
- ◆ Easy to change vibro screen for various powder quality.
- ◆ Compact design and minimum space utilization.



### Pulverizer Specification

Model	JEP - 60	JEP - 80	JEP - 100	JEP - 120	JEP - 150	JEP - 200	JEP - 300
Disc Diameter	300	300	300	400	400	600	600
Drive Kw	11.5	15	22.5	30	37.5	56	75
Throughput in kg / hr.	60	80 - 90	100 - 120	140 - 160	170 - 200	250 - 300	350 - 450

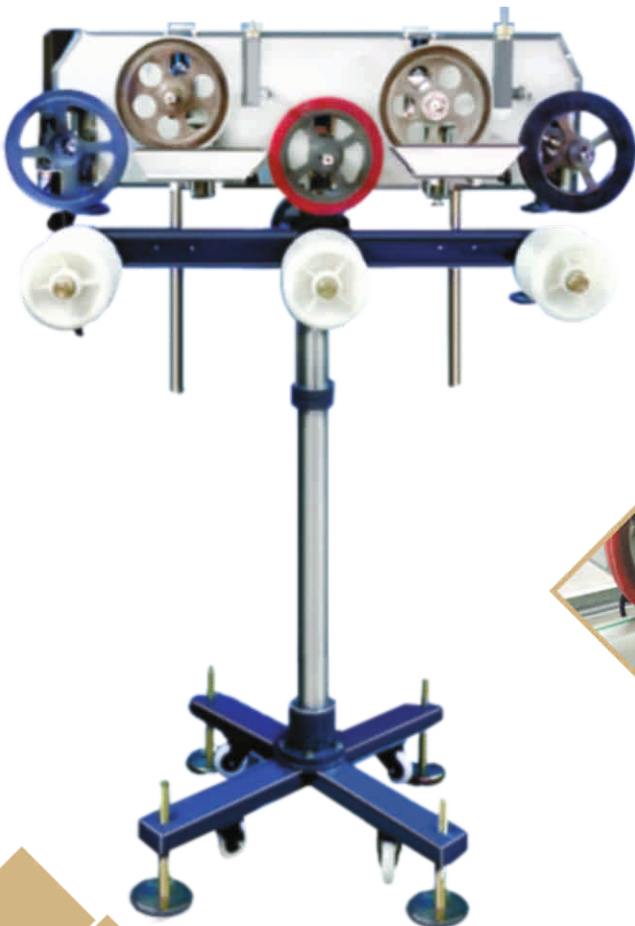
# Grainder



- ◆ Body farms material mild steel with 4 mm to 6 mm thickness.
- ◆ Motor system with starter operating.
- ◆ Blade material EN9 or EN 41 with hardening and hard chrome plating.
- ◆ Grinder design with 9 blade system  
Storage box for material storage.



# PVC / HDPE Pipe Printer



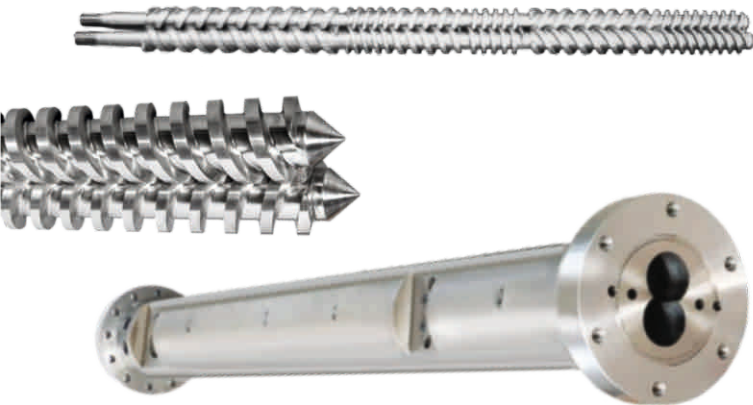
## Single Screw Barrel



Single Screw & Barrel manufactured as per client specifications and drawing. Also, vanity design for various applications, ranging from 20 to 250 mm diameter and lengths up to 5000 mm.



## Twin Screw Barrel

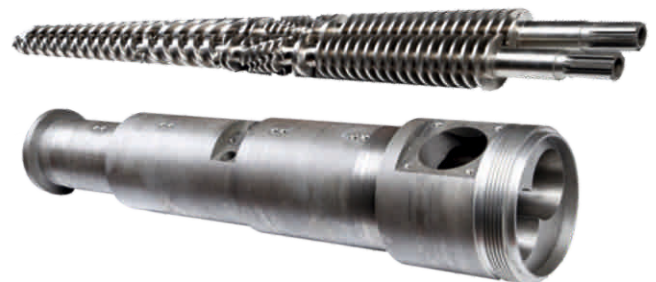


Twin Screw & Barrel manufactured as per client specifications and drawing. Also, vanity design for various applications, ranging from 30 to 250 mm diameter and lengths up to 5000 mm.

Twin Barrels ranging from 30 to 150 mm in diameter and lengths up to 3500 mm.

## Conical Twin Screw Barrel

Conical Twin Screw & Barrel for a variety of materials and applications. Conical Screw & Barrel enable proper mixing and higher productivity, among its many advantages. They also exclude undesired degradation of products.



# JIMKHAAS EXTRUSIONS

Mfg. & Exporter of PVC, HDPE & Garden Hose Pipe  
Machinery & Accessories

## Our Footprints



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