OUR MANUFACTURING RANGE

Inline Cylindrical & Flat Drip Line
Online Drip Line
Palletizing and Regenerating Plant
PP, HD, Nylon, Delrin Rod Plates and sheet/ PVC bars
Blow Moulding M/C Semi & Fully Automatic Machine
PVC/HDPE/LDPE/PP-R Pipe Plant
PVC Reinforced Hose Pipe
Agglomerator Machine
Blown Film Plant. PP/LLDPE/HM/HDPE/PVC/HIPS
Die Face Cutting Unit with cyclone systems
Heavy Duty Grinder Machine
PVC Compound Mixer with Cooler
PVC Tubing Plant
P.P. Cord (Sutli) Plant
Polythene Pipe Plant
Rotating Dies for tubing
Soft PVC Krishi Pipe Plant
Socketing (SWR Systems) Machine
Suction Hose Pipe Plant
Wire and Cable Coating Plant

J.J. INDUSTRIES
Manufacturers, Importers & Exporters of Plastic Processing Machineries and Equipments

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Committed to Make
Eco Friendly Machines to
Conserve Every Drop

J.J. INDUSTRIES

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Flat Drip Pipe Line

J.J. INDUSTRIES

J.J. Industries India, a reputed name in the plastic processing machinery manufacturing field, is producing a wide range of extrusion machines for more than four decades. Reliability, accuracy, low maintenance and user friendly controls are some of the many reasons that the experienced people prefer to buy the machines of J.J. Industries.

J.J. Industries is committed to provide a high quality 'after sales services', to meet the customer satisfaction. A sense of true commitment coupled with professional zeal drives our technicians to reach an ecstasy in putting their excellence in the machine. Strong support and prompt service are the significant goals at J.J. Industries. Our R&D centre is always on the move. A team of five Senior Engineers and Fourteen seasoned technicians is 24x7 putting its efforts to innovate and upgrade the technology to get the maximum output with a quality at its best.

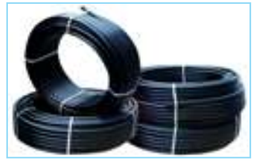
The market records have proven that we are at top position in India, if you talk about the number of machines made and supplied by a single production house under one roof. In true sense our products are indigenous.

With proven track records, after sales services and customer reliance with growing reputation, J.J. Industries has captured a big market share in irrigation and packaging industry area in India. Beside the domestic markets we have also successfully shown our presence globally. The inflating size of business and activities is reflecting that absolutely incontrovertibly. Ours will be the endeavor to continue that with all our best efforts and the consistent and strong team spirit.

These lines are designed for the production of thin wall irrigation drippers with flat emitters. Ease of use, reliability, performance, repeatability, economy of material and productivity are quality which describe the line.

MODEL	JJ/60/FDL	JJ/90/FDL	JJ/150/FDL
Groove Feed Screw Dia (mm)	50	65	75
Wall Thickness (mm)	0.2 To 0.9	0.2 To 0.9	0.2 To 0.9
Punching Unit	Servo	Servo	Servo
Drip Feeder	Servo	Servo	Servo
Plant Length (mtr)	3.3 X 20	3.3 X 28	3.3 X 34
Production Speed	60m/min	90m/min	150m/min
Connected Load (kw)	52	60	67

Round Drip Line



35 mtr. min. Cylindrical Drip Pipe Production Line

The drip irrigation pipe is widely used in water saving irrigation field, such as vegetables, green house & trees. This machine can produce inline round drip irrigation pipe continuously with high speed.

MODEL	JJ/35/CDL	JJ/50/CDL	JJ/70/CDL	JJ/90/CDL
Screw Dia (mm)	75	75	90	75 with groove feed
Wall Thickness (mm)	0.4 To 1.1	0.4 To 1.1	0.4 To 1.1	0.4 To 1.1
Punching Unit	Mechanical	Servo	Servo	Servo
Drip Feeder	Vibratory	Servo	Servo	Servo
Plant Length (mtr)	3.3 X 18	3.3 X 20	3.3 X 28	3.3 X 34
Production Speed	35m/min	50m/min	70m/min	90m/min
Connected Load (kw)	41	49	58	67

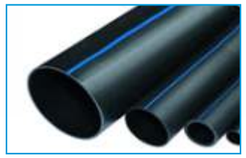
50 mtr. min. Cylindrical Drip Pipe Production Line

Mulch Film Plant

Standard and high performance co-extruded mulch films to enhance the fresh produce growth, yield and quality. Along with drip irrigation, this process is use for saving water.

MODEL	JJ-65/70	JJ-65/100	JJ-75/150
SCREW (mm)	65 x 50 x 50	65 x 50 x 50	75 x 65 x 65
HOPPER	Manual	Manual	Loader
MULCH WIDTH (mm)	1000 – 1200	1000 – 1200	1000 – 1200
WINDER	4 Stage Auto	4 Stage Auto	4 Stage Auto
PLANT LENGTH (l x w x h)	30 x 20 x 20	30 x 20 x 25	35 x 25 x 35
OUTPUT (kg/hr)	70	100	150
MAIN MOTOR (hp)	15 x 7.5 x 7.5	20 x 7.5 x 7.5	30 x 10 x 10
CONNECTED LOAD (kw)	52	60	68

HDPE Pipe Line



High Density Polyethylene Pipe (HDPE) can carry potable water, waste water, slurries, chemical, hazardous wastes and compressed gases. Polyethylene pipe has a long and distinguished history of service to the gas, oil, mining and other pressure pipe materials used for urban gas distribution.

HDPE Pipe Production Line

MODEL	PIPE SIZE (mm)	MAIN MOTOR (kw)	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/65	20 to 75	11	40 – 50	30
JJ/75	32 to 110	15	60 – 70	41
JJ/90	32 to 110	22	90 – 100	52
JJ/100	63 to 160	30	140 – 150	67

High Speed HDPE Pipe Production Line

MODEL	PIPE SIZE (mm)	MAIN MOTOR (kw)	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/50	20 to 75	22	100 – 110	50
JJ/65	32 to 110	30	140 – 150	66
JJ/75	32 to 110	55	225 – 250	90
JJ/90	63 to 315	75	350 – 375	140

Twin Screw PVC Pipe Line

We produce a wide range of twin screw extruders and accessories that are able to satisfy all requirements within the plastic extrusion field. PVC is often used in plastic pressure pipe systems for pipelines in the water and sewer industries because of its inexpensive nature and flexibility.

CONICAL TWIN SCREW PLASTIC EXTRUDER

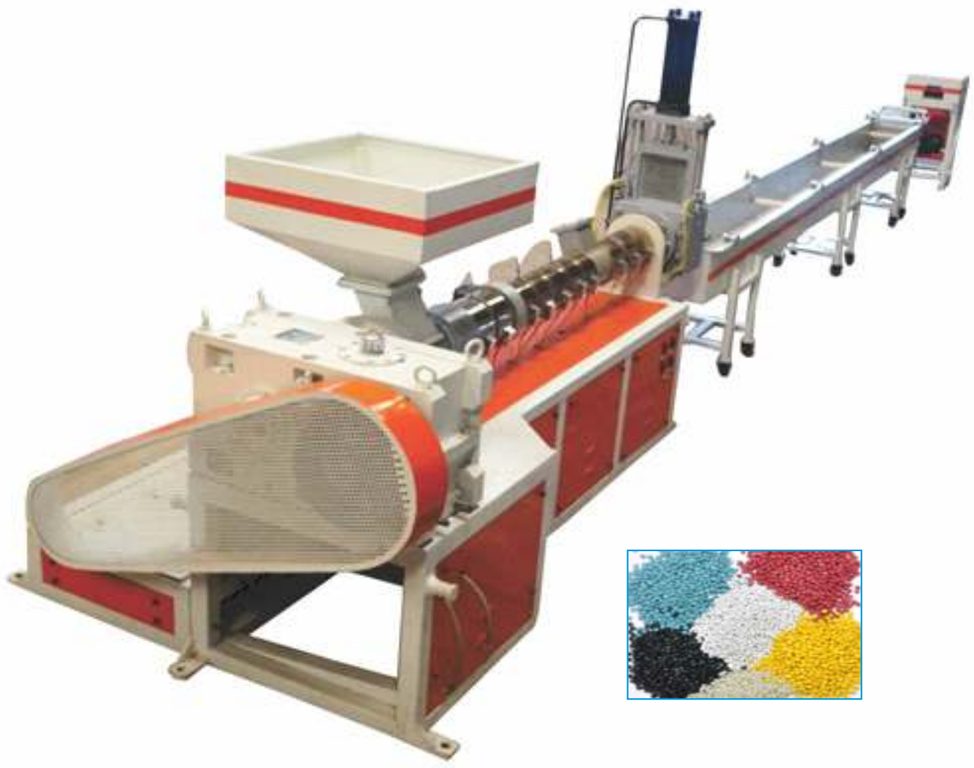
MODEL	PIPE SIZE (mm)	SCREW RPM	MAIN MOTOR (kw)	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ-45/100	20 – 75	35 – 45	15	80 – 110	32
JJ-51/105	20 – 110	36 – 45	18.5	100 – 120	46
JJ-55/110	20 – 110	37 – 45	22	130 – 150	55
JJ-65/132	63 – 200	38 – 45	37/30	200 – 250	90
JJ-80/156	63 – 315	39 – 45	55	360 – 400	137
JJ-92/188	160 – 630	40 - 45	110	600 - 800	220

Single Screw PVC Pipe Line

Single Screw Extruder for pipe and profile extrusion lines for manufacturing rigid and flexible pipes and conduit. Single Screw Extruder is also used extensively for agricultural purposes, water sewage supply chemical applications etc.

MODEL	PIPE SIZE (mm)	SCREW RPM	MAIN MOTOR (kw)	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/50	20 – 50	0 – 70	7.5	25 - 30	22
JJ/65	20 – 75	✓	11	40 - 50	33
JJ/75	32 - 110	✓	5	70 – 75	45
J/90	63 - 160	✓	22	100 – 110	65
JJ/100	63 – 200	✓	37	160 – 175	90
JJ/125	63 – 250	✓	45	250 - 260	130

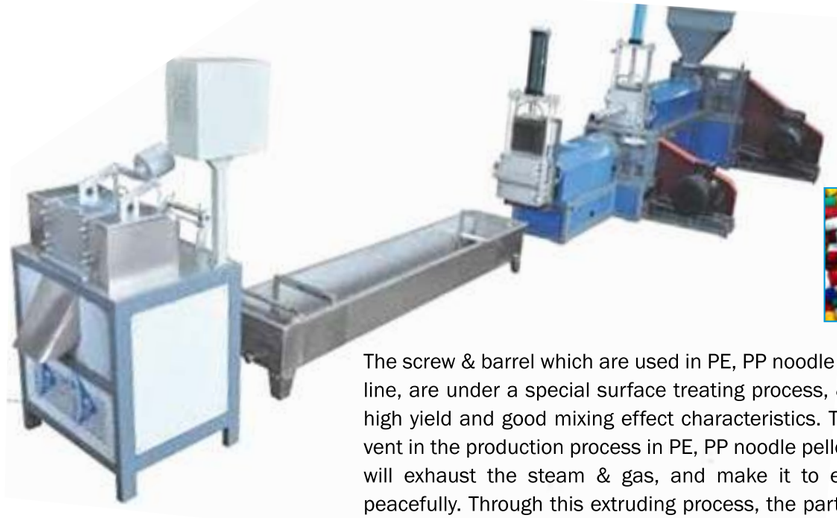
Single Stage Pelletizing Line



This single stage pelletizing line is widely used for waste plastics. The material go through Melting System, Cooling System, Cutting System and Collect System will turn to be clean perfect pellets for reuse. You can choose double stage or single stage extruder according to the cleanliness of your material.

MODEL	SCREW DIA (mm)	MAIN MOTOR (kw)	SCREEN CHANGER	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/90	90	15	MANUAL	60 – 80	33
JJ/100	100	22	HYDRAULIC	100 – 120	48
JJ/125	125	30	✓	150 – 200	63
JJ/140	140	45	✓	250 – 300	96
JJ/150	150	75	✓	350 - 400	141

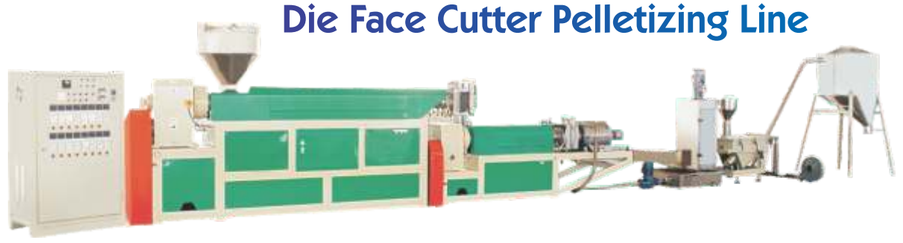
2 Stage Pelletizing Line



The screw & barrel which are used in PE, PP noodle pelletizing production line, are under a special surface treating process, & have good wearing, high yield and good mixing effect characteristics. The vacuum & natural vent in the production process in PE, PP noodle pelletizing production line will exhaust the steam & gas, and make it to extrude the materials peacefully. Through this extruding process, the particles are more dense with better quality products.

MODEL	SCREW DIA (mm)	MAIN MOTOR (hp)	SCREEN CHANGER	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/90	90 X 65	20 X 7.5	MANUAL	40 – 50	45
JJ/100	100 X 75	30 X 10	✓	70 – 80	60
JJ/125	125 X 90	40 X 15	✓	100 – 125	82

Die Face Cutter Pelletizing Line



MODEL	SCREW DIA (mm)	MAIN MOTOR (hp)	SCREEN CHANGER	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/140	140 X 125	60 X 20	HYDRAULIC	175 – 200	97
JJ/150	150 X 140	75 X 30	✓	300 – 350	123
JJ/160	160 X 140	100 X 40	✓	400 – 450	164
JJ/200	200 X 160	150 X 50	✓	600 - 650	223

PE, PP Film Cleaning Line

PP/HD/LD/HIPS

PET/PVC

The PP PE film washing line is widely is used to crush, wash, dewater, dry and recycle plastic films like agriculture film, bags, PP woven bags and so on. With complete PE PP film washing line, clients can make dry, clean film scraps from wasted material.

MODEL	WORKING SPACE L x W x H (mtr)	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/300	37 x 8 x 6	300	160
JJ/500	37 x 8 x 6	500	220
JJ/750	37 x 8 x 6	750	300
JJ/1000	45 x 10 x 6	1000	350
JJ/1500	45 x 10 x 6	1500	440

Mixer – Cooling Unit

Heating cooling mixer is suitable for rigid PVC Dry Blends. It is a combination of high speed mixer cooler mixer. The mixing done in the high speed mixer and transferred to cooling mixer for quick cooling. Cooling vessel special designed mixing blades, electric motors and control panel.

MODEL	BATCH CAPACITY	VESSEL CAPACITY (LTR)		COOLER (kw)	MAIN MOTOR (kw)
JJ-150	40 – 55	150	350	5.5	18.5
JJ-200	65 – 80	200	450	7.5	30
JJ-250	90 – 100	250	650	11	45
JJ-350	120 – 150	350	1100	15	55
JJ-500	160 – 200	500	1250	18.5	90
JJ-750	280 – 300	750	1550	18.5	132
JJ-1000	400 - 430	1000	2100	22	180

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PET/HDPE Bottle Crusher

This plastic PET HDPE PP bottle crusher is used for thin thickness of waste plastic such as the PET bottle, Plastic HDPE PP bottle, buckets, hollow containers, and so on. With special designed structure, it will have more capacity with less power consumption.

MODEL	SIZE (inch)	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/20	20	75	7.5
JJ/22	22	100	11
JJ/24	24	150	15
JJ/26	26	200	22
JJ/28	28	250	30
JJ/30	30	300	37
JJ/32	32	400	45
JJ/40	40	600	55

SINGLE STAGE HIGH SPEED MIXER

The Single Stage High Speed Mixer, widely used for pre-heating & blending of PVC compounding , granules and also used for reprocessing materials.

MODEL	ROTARY BLADE	FIXED BLADE	OUTPUT (kg/hr)	CONNECTED LOAD (kw)
JJ/250	3	2	40 – 45	7.5
JJ/300	3	2	60 – 65	11
JJ/400	3	2	80 – 90	15
JJ/500	6	2	150 – 160	22
JJ/600	6	4	200 - 250	30

BENEFITS OF DRIP IRRIGATION

Has recorded enhancement in yield up to 230%

Higher and Rapid return on investment due to early maturity

Saves water up to 70% Compared to flood irrigation & Fertilizer efficiency increases by 30%

Undulating Terrains, Saline Water Logged, Sandy & hilly lands brought under productive cultivation

Fertilizer and Chemical treatment can be applied through Micro Irrigation System itself

Cost of fertilizer, inter-culturing and labourgets reduced