



2025

PVC EXTRUSION MACHINERY MANUFACTURING

PROVIDING THE BEST OF EXTRUDER
AND EXTRUSION SYSTEMS



ABOUT US

With over **30 years** of excellence, we are a leading manufacturer of PVC wire and cable machinery based in Delhi NCR. Our company is dedicated to delivering high-performance, durable, and efficient machinery that meets the evolving needs of the cable industry.

Backed by decades of experience and technical expertise, we have built a strong reputation for innovation, quality, and reliability. From design to installation, we ensure every machine reflects our commitment to precision engineering and customer satisfaction.



JPMACHINERYINDIA.COM



INTRODUCING

THE ALL NEW! **"BOX PACKING MACHINE"**

"THE ORIGINAL" JUST GOT UPGRADED!!

Experience next-level efficiency with J. P. Machinery's upgraded box pasting machine – now **faster, safer, and smarter.**

Featuring an inbuilt conveyor, smart sensors, and high-speed pneumatics, it delivers up to **1200 boxes** per hour with effortless precision and reliability.



BUILT-IN CONVEYOR



BOX SIZE

0.5 sq mm upto 6sq mm
custom machinery also available*

PASTING APPLICATION

HOT MELT GLUE

OUTPUT

UP-TO **1200** BOX
PER HOUR*

PVC TRIPPLE LAYER EXTRUSION SETUP

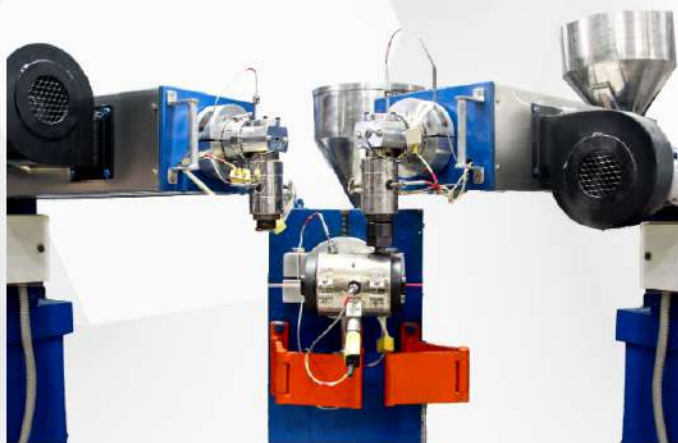


IN IMAGE*
Screw size :
50MM-40MM-40MM

A complete
PVC CABLE WIRE
Extrusion setup
manufactured by jp
machinery with most
premium materials
giving you a long run
production & hassle
free experience.

SCREW SIZE AVAILABLE

45mm, 50mm, 65mm, 75mm,
100mm, 125mm.
(as per requirement)
(in combination with any size)



SELF CENTERED TRIPPLE LAYER HEAD SYSTEM

A TRIPLE-HEAD PVC EXTRUSION SETUP DESIGNED FOR PRECISION MULTI-LAYER COATING OF WIRES. THE SELF-CENTERED MAIN HEAD HANDLES THE CORE EXTRUSION, WHILE THE TWO AUXILIARY HEADS APPLY ADDITIONAL COLORED PVC LAYERS, ACHIEVING UNIFORM TRIPLE-COLOR INSULATION ON COPPER WIRE.

OUTPUT 150-500KG*

*DEPENDING ON THE BARREL SIZE

Watch this
Machine in
action



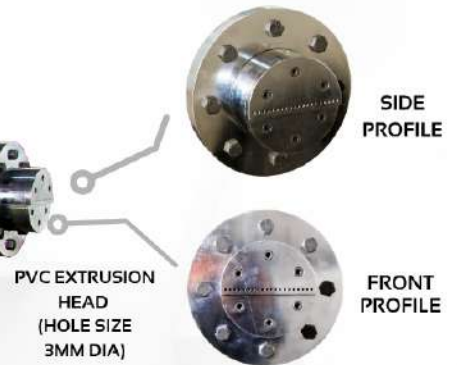
PVC EXTRUDER



Barrel size : 150mm*

As in image above* (6 inch)

FOR WATER COOLING PROCESS*



PVC COMPOUNDING EXTRUDER HEAD

The barrels are offered in **nitride** version depending upon the process requirement. Barrels are grooved linear or helical depending upon the polymer and process requirement.

SCREW SIZE AVAILABLE

75mm, 100mm,
125mm, 150MM.
(as per requirement)

OUTPUT

150-500KG*

*DEPENDING ON THE BARREL SIZE

DIE-FACE
CUTTER
(3MM DIA)



IN IMAGE : WITH DIE-FACE CUTTER*

Barrel size : 125mm*
(5 inch)

FOR AIR COOLING PROCESS*



PVC COMPOUNDING



PVC PELLETIZING EXTRUDER HEAD

DIE-FACE CUTTER (3MM)
AIR COOLED PROCESS*



Watch this
Machine in
action

PVC PELLETIZING EXTRUDER HEAD

125mm screw-barrel extruder with air cooling head pelletizer ,
2 stainless steel cyclones & one
SILO(500+ kg capacity),
vibrating tray, 3 turbine air
blowers.

(die face cutter hole : 3mm)

SCREW SIZE AVAILABLE

75mm, 100mm,
125mm,150MM.
(as per requirement)

OUTPUT

150-500KG*

*DEPENDENT ON THE BARREL SIZE

TAKE-UP

DUAL TAKEUP

Pneumatic system with installed traverse for accurate and steady filling of drum.

J. P. MACHINERY offers this special type of dual take up with bobbin size of 630 mm and winding speed up to 12000 meters per hour (1.5 sq. mm wire size) which fits to the customer's requirement and their budget.



SPOOL SIZE

Drum size of 630mm
(as per requirement).

WINDING SPEED

12000 METER/HOUR*



TAKE-UP COLUMN TYPE

Designed for slow speed and warehouse applications for safety and ease of reel handling with minimum use of floor space. The take-up is designed to work independently from line controls, providing an easy adaptation to any line as a result.

SPOOL SIZE

Drum size of 630mm
(as per requirement).

POWER

21 HP, 3-phase.



*CUSTOM MACHINERY AVAILABLE AS PER REQUIREMENT

CAPSTAN



Pneumatic system with pulley function for maximum tension with installed encoder.

The wide range of speed offered by the combination eliminates the need of multi speed gear boxes. The system runs with the complete synchronization with the wire and can easily be adaptable into the existing line.

Capstan is a fully guarded system and meeting all the requirements. It offers the required torque to pull the cable easily without any slippage.

POWER

3-5 HP , 3-phase





PAY-OFF

J. P. MACHINERY offers take up and pay off from bobbin size of 400 mm to 2200 mm . Each one fits to the customer's requirement and their budget.

SPOOL SIZE

400mm-2200mm
(as per requirement).



MIXER

High speed mixing machines are mainly used in mixing pvc and all kind of plastic material mixing, coloring, dyeing etc in rubber, plastic, daily chemical industry and so on.

JP Machinery provides this heavy duty mixer to fulfill all your compound mixing needs

CAPACITY

80-150kg
(as per requirement).

60 hp motor with stainless-steel drum (150kg) and mixing blades.

*CUSTOM MACHINERY AVAILABLE AS PER REQUIREMENT



CATERPULLER



HEAVY-DUTY CATERPULLER FOR ARMoured WIRES

Engineered for industrial-scale wire extrusion lines, this heavy-duty caterpuller provides powerful and steady traction for armoured cables and large wire profiles. Its robust dual-belt design ensures high grip strength, precise speed control, and smooth pulling even under heavy load conditions. Ideal for continuous, high-tension production environments.



COMPACT CATERPULLER FOR PVC SLEEVES

A compact, precision caterpuller designed for light-duty extrusion of PVC sleeves and small wire coatings. Featuring soft yet durable traction belts and variable speed adjustment, it delivers stable pulling performance and flawless surface quality for delicate, small-diameter products.

HOPPER LOADER



Rotational system with screw conveyor connected with motor & gearbox.

Screw conveyor are spiral bulk material transportation systems that convey raw ingredients to and from processing areas that are on different levels of a facility. These conveyors are slanted at different angles to economically elevate and convey materials up and down floors.

This kind screw conveyor can be used to transport series materials of powder, granular or small block in industry

CAPACITY

80-250kg
(as per requirement)

MORE INDUSTRIAL SOLUTIONS OFFERED



COPPER SPOOL STAND
16 COPPER REEL ARRANGEMENT



COPPER SPOOL STAND



630MM REWINDER



400MM REWINDER



TENSION CONTROL
STAND



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The machines are occasionally pictured with optional equipment.

J P MACHINERY reserves the right to make changes to technical

data at any time and does not take responsibility for content or

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