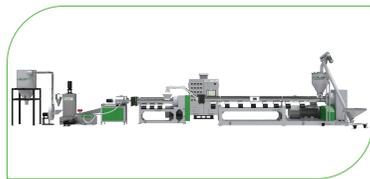


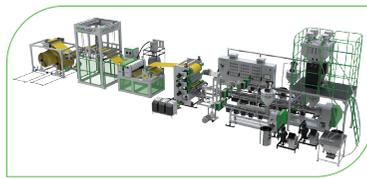
# INDIAN AT HEART - GLOBAL IN SPIRIT



**EXPORT TO MORE THAN 60 COUNTRIES**



**VENTED RECYCLING PLANT**



**PP, PS SHEET LINE**



**DIRECT FEED RECYCLING PLANT**



**ROTO COMPOUNDING PLANT**



## R.R. Plast Extrusions Pvt. Ltd.

Manufacturer & Exporter of Plastic Extrusion Machinery & Equipment

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📍 **Factory:** Survey No. 164/4, 12/1, NH-3, Behind Hotel Pariwar Garden, Village Asangaon (W) Shahapur, Thane, Maharashtra, India, Pin - 421 601

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# PIPE EXTRUSION PLANT

**FLAT DRIP**



**ROUND DRIP**



**HDPE PIPE**



**TUBES - DIP TUBE / DF BARREL**



## FLAT DRIP IRRIGATION PIPE PLANT

- 0.30 Unit/kg power consumption
- Up to 160,000 - 200,000 meter/day meters/day for Flat pipe
- Thickness Range for Flat Pipe: 0.15 mm to 1.0 mm
- 4 Station Gravimetric Blender with Extrusion Process Control (optional)
- New generation Screw and Barrel ensure stable, Homogeneous melt quality for longer periods throughout the operation
- PLC based machine
- Insertion capacity 600 Drippers/min
- Speed 120 meters/min BIS and up to 200 meters/min non-BIS
- Dropper spacing 20 cm & Above
- High speed & low waste
- Low power consumption
- Fully Servo Driven Flat Drip Line



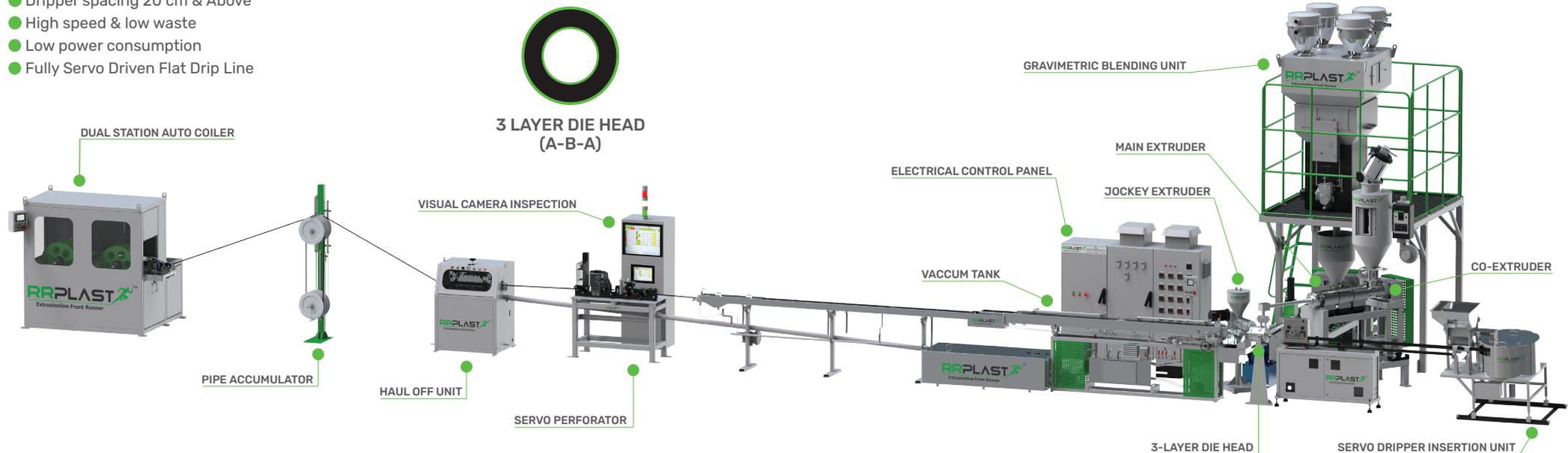
FLAT DRIP COIL & DRIPPER



TWIN HOLE DRIPPER



FLAT DRIP PIPE



- Uniform spacing/Group spacing/Plain Pipe/Sample features included in PL
- Perforation unit with perforation capacity 600 Drippers/min
- Online visual Inspection system for Perforation and Dropper spacing
- 2-Station Auto Coiler with Synchronized Traversing, Auto pipe cut, and auto bobbin changeover

### Main Technical Parameters

Model	Dripper Insertion Speed (mm)	Line Speed (mtr/min)	Output (Kg/h)	Connected Load (kW)
RRPP 45/33-45-150	600	150	Up to 150	113
RRPP 65/33-75-200	600	200	Up to 250	158

Note: The specification are subjected to change without prior notice



FLAT DRIP PERFORATION UNIT



FLAT DRIPPER INSERTION UNIT



DUAL STATION AUTO COILER

# ROUND DRIP IRRIGATION PIPE PLANT

## INLINE / ONLINE

- 100,000-120,000 meter Inline Pipe Production/ Day.
- 0.30 unit/kg low power consumption.
- Extruder Throughput for pipe up to 250 Kg/h
- Machine Line speed: 80-100 Mpm.
- Belt Type Servo Insertion with insertion capacity 400 Drippers/Min.
- Servo Perforation unit with a drilling capacity of 400 Drippers/Min.
- Precise speed control Haul-off unit.
- Coil-to-coil weight variation is within  $\pm 0.5\%$  of coil weight.
- PLC-based machine.
- The perforator can drill 1, 2, 3, and 4 holes as per the customer's requirements.



ROUND DRIP COIL & DRIPPER



ROUND DRIP PIPE



ROUND DRIP PIPE USE



- Wall thickness 0.4 mm - 2 mm
- Dripper spacing 20 cm & above
- Fully servo driven round drip line
- High speed & more consistency
- Pipe 12 | 16 | 20 mm (32 mm also possible)
- 3-Layer (A-B-A) Pipe Die Head



3 LAYER DIE HEAD (A-B-A)

### Main Technical Parameters

Model	Pipe Size (mm)	Output (Kg/h)	Line Speed (Mtr/h)	Consumed Load (kW)
RRPP - 65/33	12-32	250	80-100	56

Note: The specification are subjected to change without prior notice



SERVO PERFORATOR



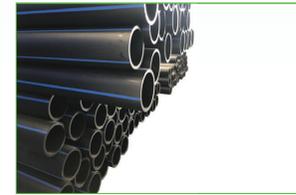
ROUND DRIPPER INSERTION UNIT



2 STATION SEMI AUTO COILER

## HDPE, PPR PIPE EXTRUSION PLANT

- Next-generation barrier screws with longer L/D (33/36/40 D) are standard for Polyolefins
- PE 63/80/100 - grade processing possible
- Accurate control of the melt conditions, homogeneous temperatures and pressures without variation, surging & low thermal stresses
- Consistent throughput for all screw speeds
- The drive motor and the gearbox can be directly coupled or belt driven as per torque requirement to achieve the optimum efficiency to reduce the power consumption per unit output
- The screws and barrels are normally supplied in nitrided steel. Bimetallic high wear-resistant barrels can be supplied for high-speed extruder
- Special design 3-layer pipe plant (A-B-A or A-B-C)
- Model range 20 mm to 110 mm, 63 mm-200 mm, 75 mm, 315 mm
- Output 200/300/400/500/750 kg/h



**SPRINKLER & WATER SUPPLY PIPES**



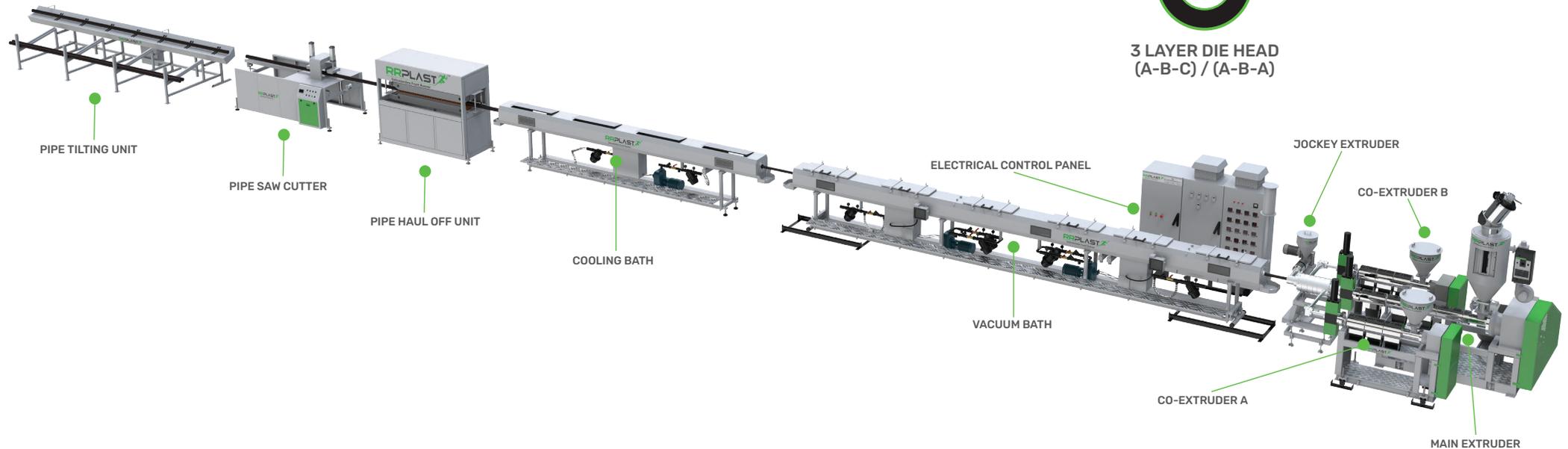
**PE GAS PIPE**



**3 LAYER PPR PIPE**



**3 LAYER DIE HEAD (A-B-C) / (A-B-A)**



### Main Technical Parameters

Pipe Size (mm)	Layer	Output (Kg/h)	Material
20-315	Mono / Multilayer (A-B/A-B-A/A-B-C)	250-750	PE63/PE80/PE100

Note: The specification are subjected to change without prior notice



**GROOVED FEED HIGH OUTPUT EXTRUDER**



**PLC AUTOMATION**



**PLANETARY SAW CUTTER (SWARLESS)**

## PE RAIN PIPE EXTRUSION PLANT

Latest and advanced Fiber laser punching/Perforation machine suitable for 70 meters per minute line speed with a computerized graphic control device (Computer interface suitable for 70 MPM punching)

Holes in rain pipes are made with nano-punching technology to ensure a uniform flow of water on every side

Two station winder with variable torque drive suitable to winding rain pipe as well as LLDPE delivery pipe.

### Features

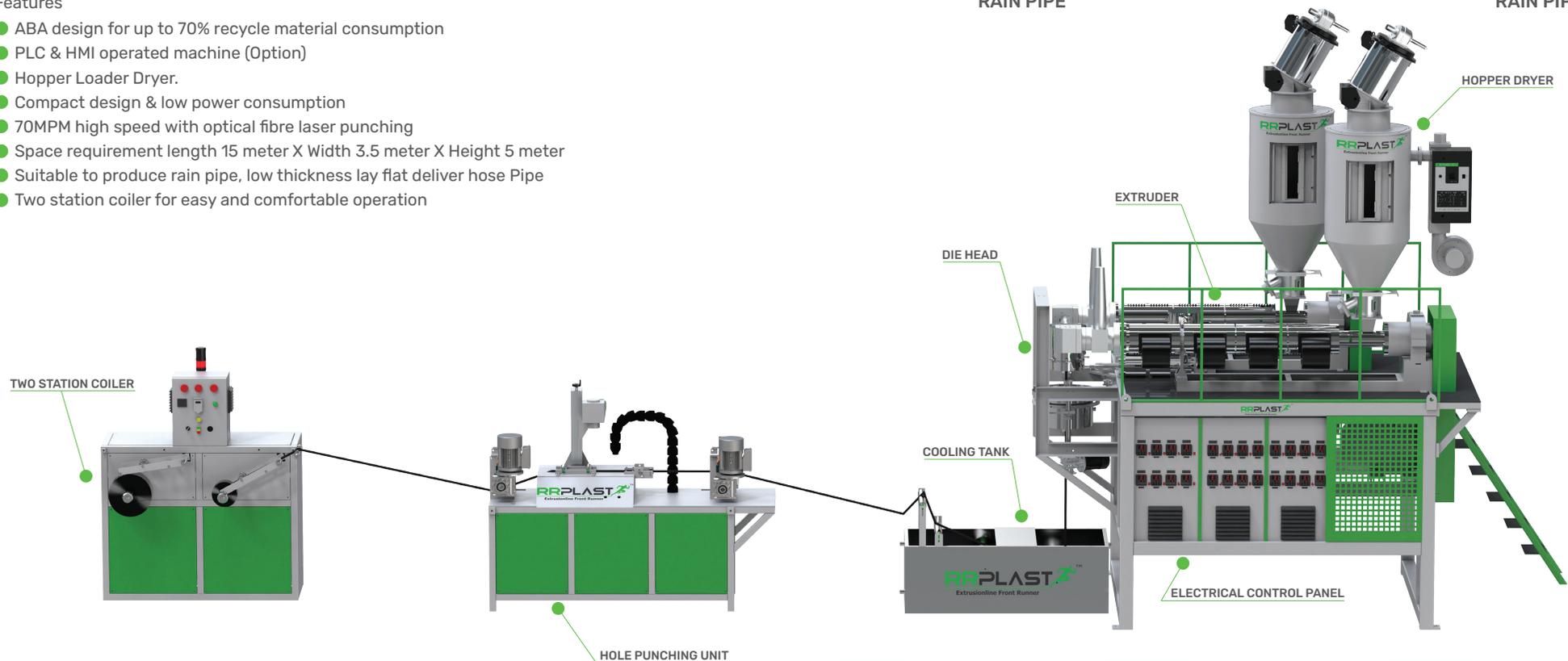
- ABA design for up to 70% recycle material consumption
- PLC & HMI operated machine (Option)
- Hopper Loader Dryer.
- Compact design & low power consumption
- 70MPM high speed with optical fibre laser punching
- Space requirement length 15 meter X Width 3.5 meter X Height 5 meter
- Suitable to produce rain pipe, low thickness lay flat deliver hose Pipe
- Two station coiler for easy and comfortable operation



RAIN PIPE



RAIN PIPE USE



### Main Technical Parameters

Pipe Size	20 mm to 63 mm Rain Pipe 63 mm to 75 mm Hose Pipe
Speed	30-70 mtr/min
Output	30/80 Kg/h
Layer	3 Layer (A-B-A) With Stripe
Power	40 kW

Note: The specification are subjected to change without prior notice



3 LAYER  
EXTRUDER SYSTEM



LASER PUNCHING  
UNIT



PRECISE PIPE COILER

## PRECISION TUBE EXTRUSION PLANT

D/F BARREL, POLO BARREL, REFILL TUBE, LOLLIPOP STICKS, DIP TUBE, INDUSTRIAL TUBE

- Material PP, HD, LD, EVA, TPE etc
- Tube Size 2 mm - 20 mm
- Mono Layer or Multi-Layer
- Speed up to 70 meter min or 1000 cuts/min
- Pipe dimension accuracy  $\pm 0.05$  mm
- Pipe cutting accuracy with a single blade  $\pm 0.5$  mm
- Precise vacuum control
- Melt pump for better control of flow
- Servo-driven coiler for special applications
- Servo cutter for high speed, accuracy & less waste
- Output 30/50 kg/h



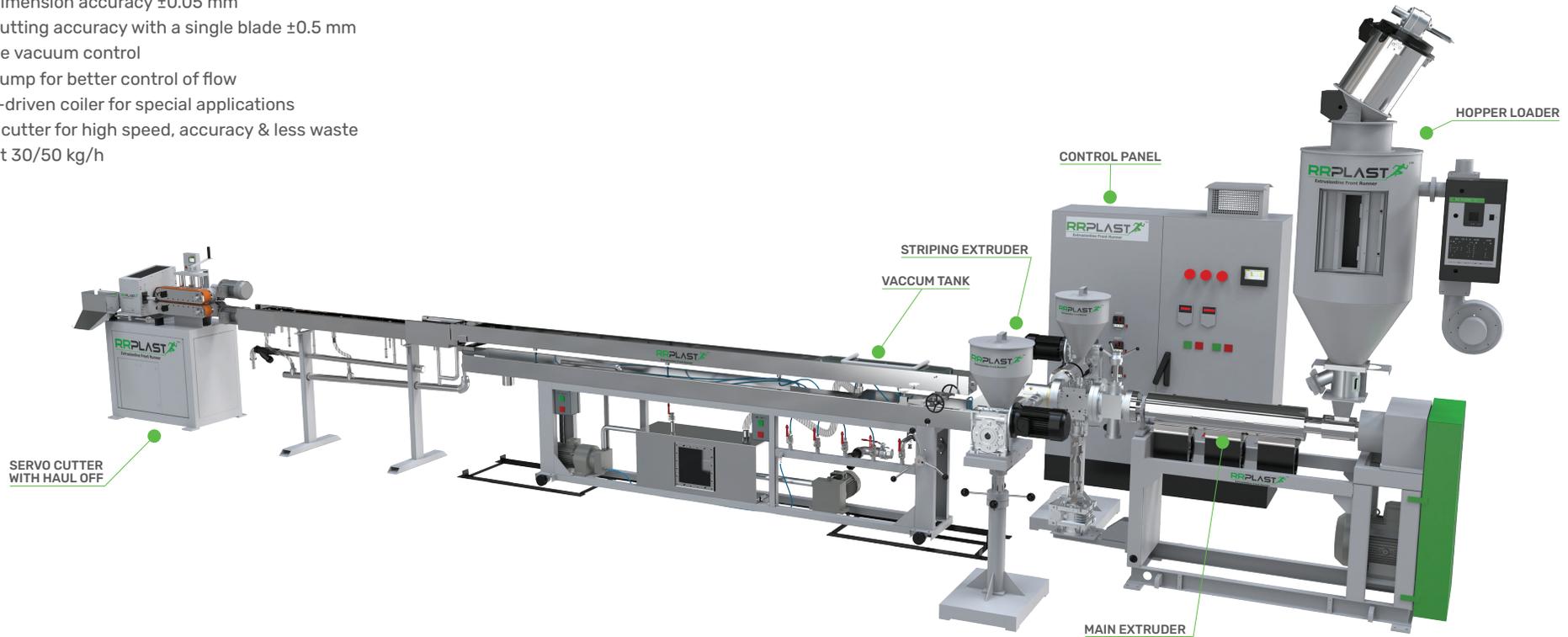
DIP TUBE



D/F PEN BARREL/REFILL



LOLLIPOP STICK



### Main Technical Parameters

Model	O/P (cuts/min)	Output (Kg/h)
RRPP-50/25/25 (Three color)	80-100 cuts/min - D/F Pen Barrel	25-30
	200-250 cuts/min - Polo Barrel	
RRPP-50	300-500 cuts/min - Refill	15-30
	800-1000 cuts/min - Lollipop stick	

Note: The specification are subjected to change without prior notice



TUBE COILER



JOCKEY EXTRUDER FOR STRIPE/LINE



SERVO CUTTER