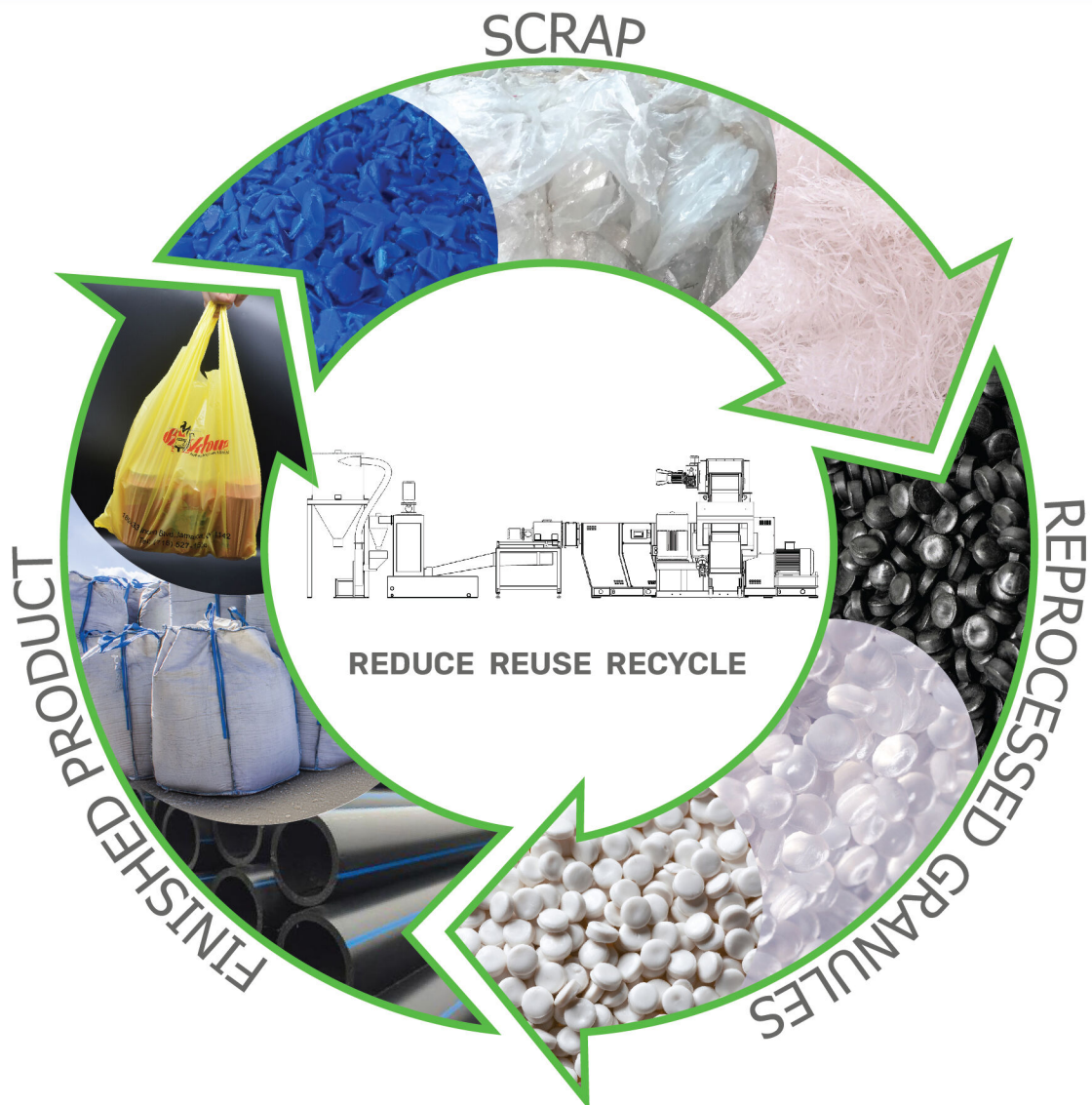


# PLASTIC RECYCLING PLANT



**WE SUPPORT  
CIRCULAR ECONOMY**

**RRPLAST**™ 

Extrusionline Front Runner



# SINGLE STAGE VENTED DIRECT FEED RECYCLING PLANT WITH DIE FACE CUTTER

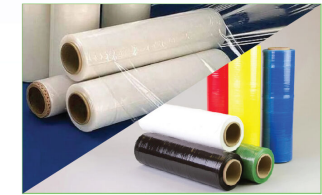
- Recommended for low bulk density scrap
- Film/Woven sacks/Multi-layer film/ Mono filament/Fiber etc
- Degassing for highly printed film waste
- LLDPE/HM/HD/PP/BOPP/ CPP/Stretch film/Cast film etc



RAFFIA SCRAP



PACKAGING FILM



FILM ROLL



LOW INVESTMENT COST  
AGAINST HIGHER OUTPUT



LESS POWER CONSUMPTION



LESS MATERIAL HANDLING  
LEADS TO LOW MATERIAL DEGRADATION



NO NEED OF AGGLOMERATION



LESS MANPOWER REQUIREMENT

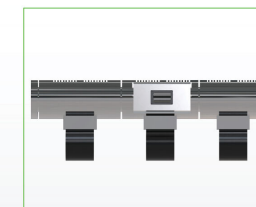
## Main Technical Parameters

Model	Unit	RRRP 75/35V -C800-G500C	RRRP 90/35V -C800-G500C	RRRP 100/35V -C1100-G500C	RRRP 120/35V -C1100-G500C	RRRP 150/35V -C1250-G1000C	RRRP 180/35V -C1250-G1500C
LD - Output	Kg/Hr	175	300	400	550	800	1100
HD - Output	Kg/Hr	160	275	350	500	650	1000
PP - Output	Kg/Hr	150	250	300	450	600	900
Connected Load	kW	136	182	242	322	405	507
Running Load	Kw	82	109	145	193	243	304

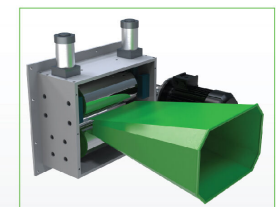
Note: The specification are subjected to change without prior notice



COMPACTOR/  
SHREDDER



VENTED EXTRUDER  
DEGASSING



NIP FEED UNIT FOR  
DIRECT ROLL FEED

## TWO-STAGE VENTED DIRECT FEED RECYCLING PLANT WITH DIE FACE CUTTER

- Specially recommended for highly printed film waste
- Also recommended for mixed material/metalized etc
- Hygroscopic material processing is better



RAFFIA SCRAP

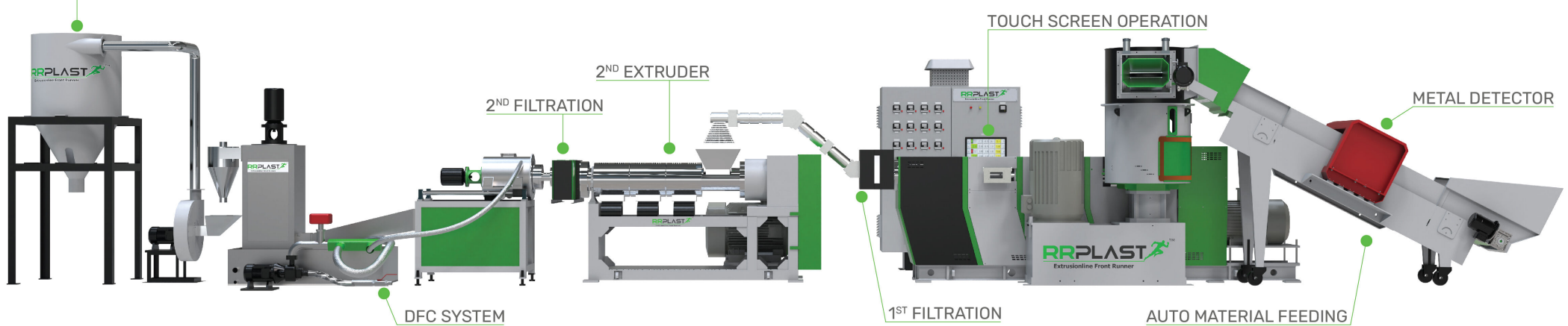


PACKAGING FILM



WRAPPER

### MATERIAL COLLECTION SILO



### Main Technical Parameters

Model	Unit	RRRP 75/35V-100 /10-C800-G500C	RRRP 90/35V-100 /10-C800-G500C	RRRP 100/35V-100 /10-C1100-G500C	RRRP 120/35V-120 /10-C1100-G500C	RRRP 150/35V-150 /10-C1250-G1000C	RRRP 180/35V-180 /10-C1250-G1500C
LD - Output	Kg/Hr	175	300	400	550	800	1100
HD - Output	Kg/Hr	160	275	350	500	650	1000
PP - Output	Kg/Hr	150	250	300	450	600	900
Connected Load	kW	167	213	283	393	459	616
Running Load	Kw	100	128	170	236	275	370

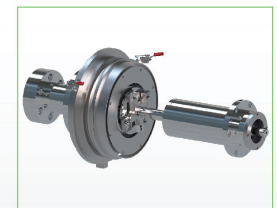
Note: The specification are subjected to change without prior notice



WRAP TYPE FILTER FOR  
LARGE FILTRATION



METAL DETECTOR



DFC DIE

## SINGLE STAGE VENTED RECYCLING PLANT WITH DIE FACE CUTTER

- Recommended for article waste (Injection moulding/Blow moulding/Pipe)
- Agglomerated film waste
- In house all type of waste
- Strand palletizer is available



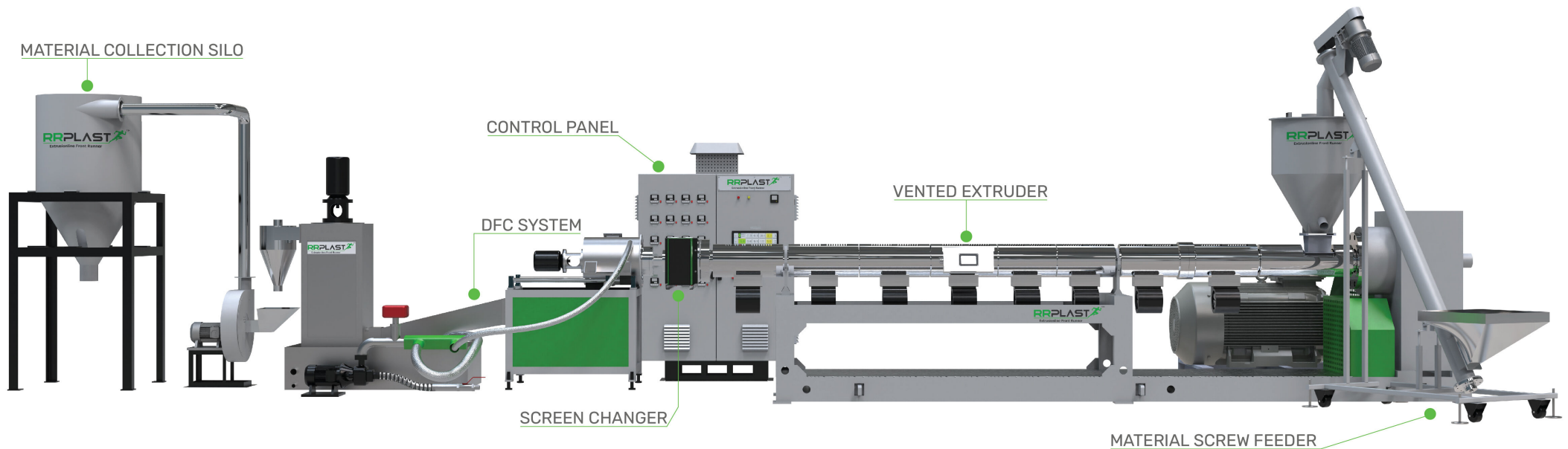
LD/HD/PP SCRAP



GRANULES



PLASTIC ARTICLE



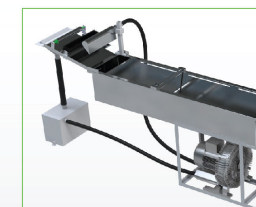
### Main Technical Parameters

Model	Unit	RRRP 75/35V -G500C	RRRP 90/35V -G500C	RRRP 100/35V -G500C	RRRP 120/35V -G500C	RRRP 150/35V -G1000C	RRRP 180/35V -G1500C
Article Waste (LD,HD,PP)	Kg/Hr	120-140	180-200	220-240	350-375	525-550	900-1000
HIPS/ABS	Kg/Hr	150-160	220-240	270-300	430-450	650-675	1200-1300
Connected Load	kW	78	100	115	171	243	364
Running Load	kW	47	60	69	103	146	218

Note: The specification are subjected to change without prior notice



STRAND PELLETIZER



COOLING TANK  
WITH AIR KNIFE



MATERIAL  
SCREW FEEDER

## TWO-STAGE VENTED RECYCLING PLANT WITH DIE FACE CUTTER

- HDPE waste to granules for HD pipe industry
- Drip (flat/round) pipe waste to granules for Drip irrigation pipe
- Hygroscopic material like HIPS/ABS/PS/PC/PMMA/Nylon/CA etc, specially recommended
- Foam material (EPS/ROTO foam/LD-foam)
- Highly printed plastic waste
- Mixed material like bottle caps etc
- Available with strand pelletizer and DFC system



**BLOW MOULDED BLUE DRUM/ PIPE WASTE**

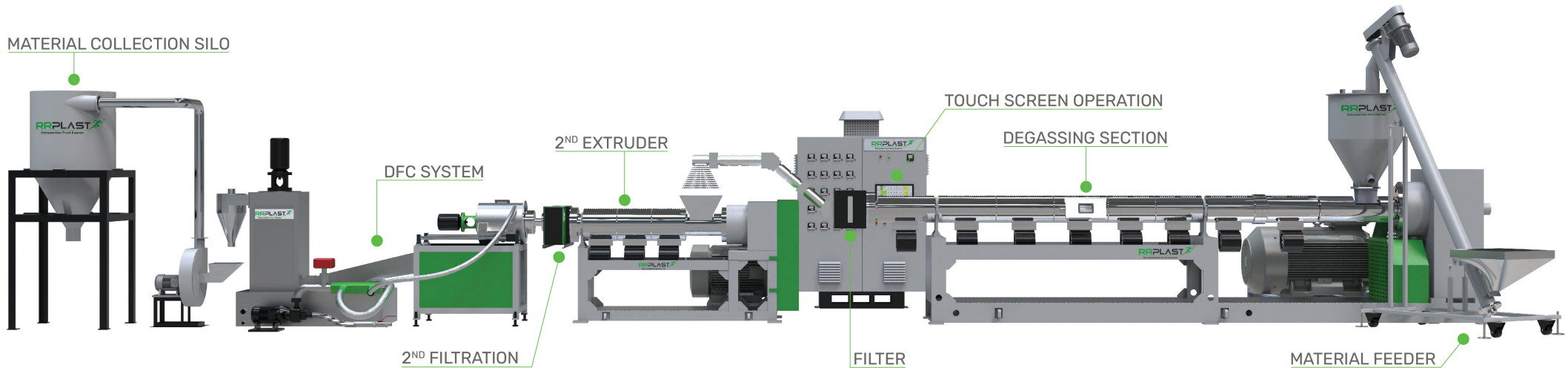


**GRANULES**



**HDPE PIPE**

**MATERIAL COLLECTION SILO**



### Main Technical Parameters

Model	Unit	RRRP 75/35V -75/100-G500C	RRRP 90/35V -100/10-G500C	RRRP 100/35V -100/10-G500C	RRRP 120/35V -120/10-G500C	RRRP 150/35V -150/10-G1000C	RRRP 180/35V -180/10-G1500C
Article Waste (LD,HD,PP)	Kg/Hr	120-140	180-200	220-240	350-375	525-550	900-1000
HIPS/ABS	Kg/Hr	150-160	220-240	270-300	430-450	650-675	1200-1300
Connected Load	kW	105	131	154	222	317	364
Running Load	kW	63	78	92	133	190	218

Note: The specification are subjected to change without prior notice



**SIDE FORCE FEEDER**



**TWO-STAGE DEGASSING SYSTEM**



**MATERIAL SCREW FEEDER**

# PET RECYCLING MACHINE WITH UNDERWATER STRAND PELLETIZER

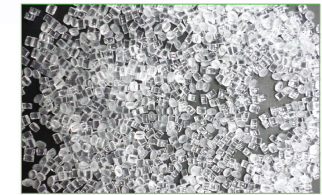
- Recommended for all types of PET/Nylon/PP fiber waste
- Waste in the form of fiber/powder/lumps



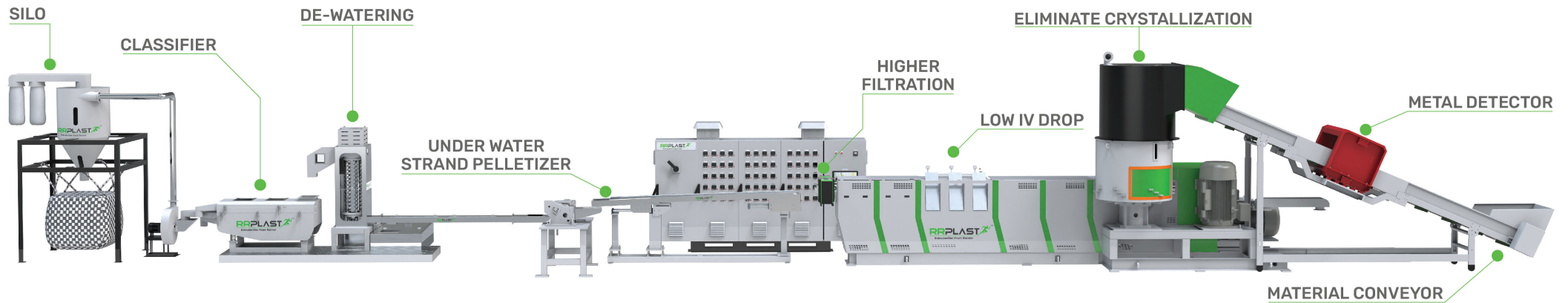
PET BOTTLE FLAKES



PET FIBER



R-PET GRANULES



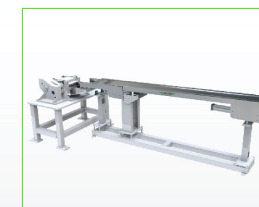
## Main Technical Parameters

Model	Unit	90/45V3-C80	100/45V3-C110	120/45V3-C125	120/45V3-C125
Bottle Flakes		Yes	Yes	Yes	Yes
PET Fiber		Yes	Yes	Yes	Yes
PET Powder		Yes	Yes	Yes	Yes
Output	Kg/Hr	300-400	450-550	700-800	900-1000
Vented Extruder		90/45V3	100/45V3	120/45V3	120/45V3
Motor	kW	55	75	132	160
Compactor	Ø-kW	800-75	1100-90	1250-132	1250-132
Screen Changer Double Piston Wrap Type	cm <sup>2</sup>	RRUWP-1100	RRUWP-1100	RRUWP-2000	RRUWP-2000
Power	kW	180	200	300	330

Note: The specification are subjected to change without prior notice



COMPACTOR CUM CRYSTALLIZER



UNDERWATER STRAND PELLETIZING



3 VENT DEGASSING (OPTIONAL)

# ROTO-PE COLORING GRANULATION PLANT WITH DIE FACE CUTTER/STRAND PELLETIZER

- Better dispersion of Carbon black/Masterbatch
- Barrier screw design with mixing zone
- Auto loading/Auto MB dosing/Auto granules collection
- One man operation
- Consistent granule size improves pulverizing efficiency
- Available in strand pelletizing type also



RAW MATERIAL

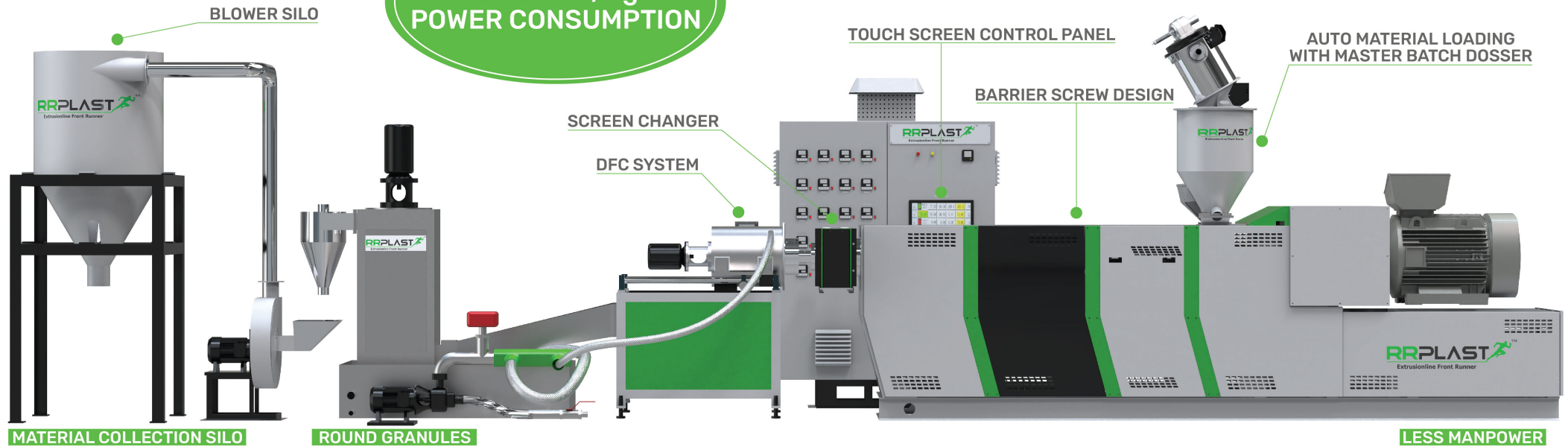


ROTO COMPOUND



ROTO PRODUCT

**LOWEST  
0.20 kWh/Kg  
POWER CONSUMPTION**



## Main Technical Parameters

Model	Unit	RRCP 45/33 -G500C	RRCP 65/33 -G500C	RRCP 75/33 -G500C	RRCP 90/33 -G1000C	RRCP 120/33 -G1000C
LLDPE 4 MFI	Kg/Hr	180-200	380-400	500-550	750-800	1000-1200
Connected Load	kW	74	124	170	230	320
Running Load	kW	45	75	102	138	192

Note: The specification are subjected to change without prior notice



STATIC MIXER FOR HIGHER DISPERSION



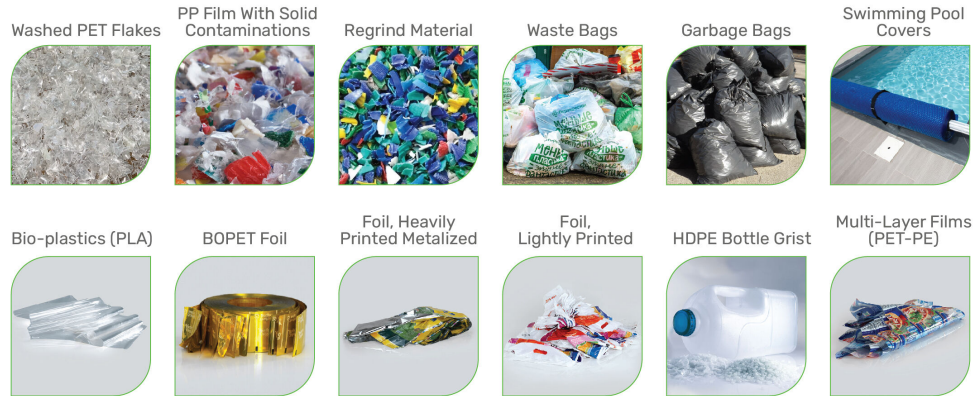
STRAND PELLETIZER



AUTO LOADER WITH MB DOSSER

## YOUR APPLICATION & OUR SOLUTION

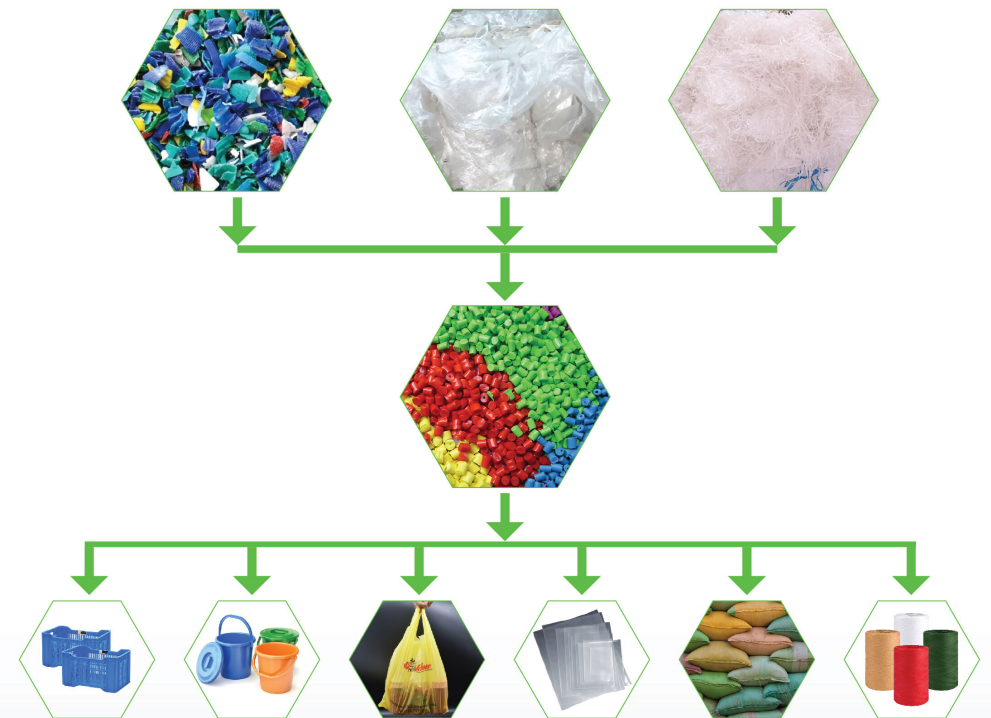
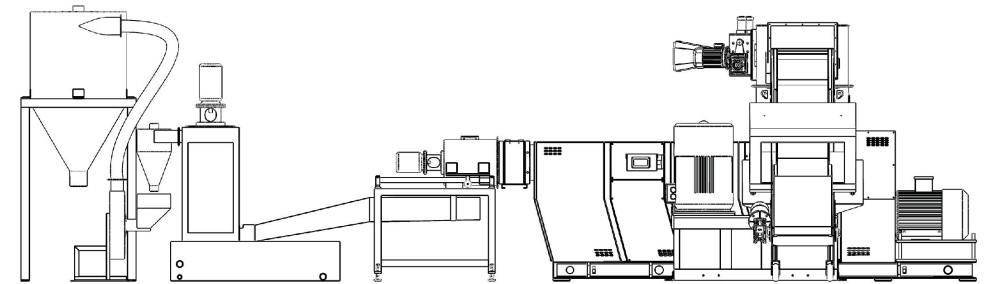
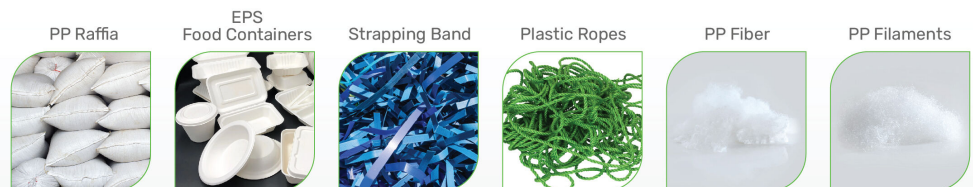
### POST CONSUMER WASTE



### INDUSTRIAL & IN-HOUSE WASTE

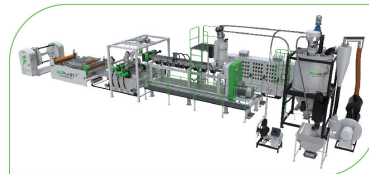


### NON WOVEN, TAPE, FIBER, TEXTILE & FOAM

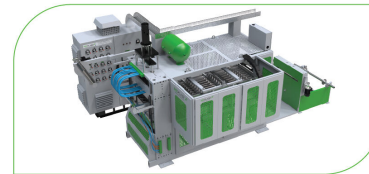




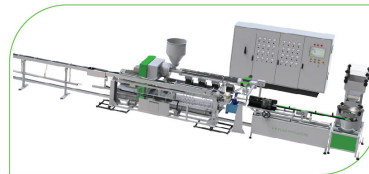
# INDIAN AT HEART - GLOBAL IN SPIRIT



PLASTIC SHEET LINE



THERMOFORMING MACHINE



DRIP IRRIGATION PIPE PLANT



PRECISION TUBE PLANT



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

Manufacturer & Exporter of Plastic Extrusion Machinery & Equipment

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