

HIKON

INNOVATING PLASTIC TECHNOLOGY

PLASTIC
RECYCLING
TECHNOLOGIES



www.hikonindia.com



www.hikonglobal.com

HIKON

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PROFILE

Incepted in the year **1979** by **Mr. Harvinder Singh**, HIKON is engaged in manufacturing and exporting plastic processing machines. Being in the sphere of business **since 40 years**, we have developed vast experience and exquisite knowledge regarding the various production aspects.

Under the guidance of **Mr. Harvinder Singh**, **Mr. Sumit Kumar** (Managing Director) has carried on the legacy of quality and trust with specialization in polymer extrusion machinery.

HIKON has a **wide manufacturing unit** which is equipped with a thorough **Research and development unit** with regular testing and all efforts of the company go into the fabrication and development of quality Plastic Extrusion machines as per International standards.



OUR CLIENTS

We have created a wide market for our products with our honesty and integrity. Our clients have complete faith on us and we strive to upkeep the same. With our foresightedness and skills, we have supplied our products to various domestic and overseas markets. We strive to cater to new markets as well as retain our old clients with our expert quality and time bound delivery schedules. We are exporting many countries like :

UK, Russia, Nepal, Bangladesh, Sri Lanka, South Africa, Ethiopia, Uganda, Tanzania, Nigeria, Chad, Zambia, Senegal, Mozambique, Kenya, Sudan, Myanmar, Ghana, UAE, Oman, DR CONGO, Somalia, Morocco, Cape Verde, Iran, Cameroon, Kuwait, Mexico.



POLYRAW ENTERPRISES



BAHADURGARH UNIT (HARYANA)



KIRTI NAGAR UNIT (NEW DELHI)



● MANUFACTURING FACILITY ●

Infrastructure forms the nucleus of our organization. We have 3 manufacturing units located in capital of India, Delhi and Haryana. Having our in house Fabrication & Machining facility equipped with latest systems and machineries like German made Horizontal thread Milling machine, deep hole Boring machine, vertical milling machine, different type of lathes, Planner, Drill Machines, CNC Turning, VMC Machines etc. that made the manufacturing facilities capable of delivering the highest standards in term of quality, time and satisfaction.

We have also CAD / CAM facility to maintain precise design and sizes of our every machinery parts. Our R&D section always works to deliver continuous innovation with latest technology that makes possible to provide an optimum customized solutions according to the requirement of plastic industry.

We are always trusted for our quality products. Our managing partners have Immense years of experience in manufacturing plastic processing machinery. We have set up a wide manufacturing unit which is equipped with research and development lab and all our efforts are made to fabricate and develop plastic Extrusion and Plastic Recycling Extruders, Crushers, Shredders, Washing Lines and Auxiliaries as per international standards. We make 80% parts of machines in house like screw barrels, die face cutters, compactors, washing lines hence enabling us to give consistent quality with good after sales service.





● OUR STRENGTH ●

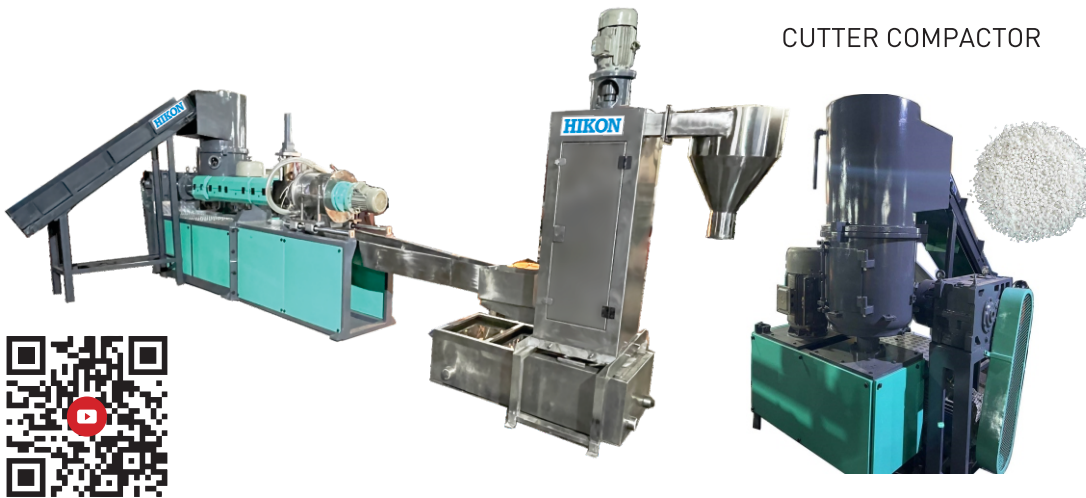
- Rich experience of more than **40 years** in the field of manufacturing plastic processing Machinery.
- Having an install base of over **4000 machines across the world.**
- Well Qualified & Professionally driven workforce.
- **In-house Fabrication & Machining** facility equipped with latest systems and machineries that make the manufacturing facilities capable of delivering the highest standards in term of quality, time and satisfaction.
- **In-house Design & Development** facility aligned to deliver continuous innovation with latest technology that makes possible to provide optimum customized solutions.
- Intense distributed Marketing, Sales & Service network which results in a **better reaching domestic & global markets.**
- Wide Range of Product Portfolio comprising all kind of product requirements for the extrusion machineries.
- **In house manufactured screw barrel, die face cutters, cutter compactors, crushers, washing lies & auxiliaries.**
- We are providing **A to Z solutions** for plastic recycling on turnkey basis

● QUALITY ●

We are an **ISO 9001:2015 certified company** and give paramount importance to the quality aspect of our products as all our machines are manufactured in a precision controlled environment. Our quality control inspectors conduct rigorous quality checks during all production processes in order to check the performance, durability and features of the machinery parts and the machine as a whole.

We also concentrate on the quality of raw materials like gear box motors and various grades of steel which are sources from renowned distributors from all over India. Our Total Quality Management policy is strictly adopted within the organization at all levels so that only the defect free products reach our clients. Our quality policy help our clients get machinery of high performance and high durability standards. We test our machines before dispatching to clients.

● HIKON CUTTER COMPACTOR SINGLE STAGE RECYCLING/ ● ● REPROCESSING EXTRUDER ●



CUTTER COMPACTOR

APPLICATIONS :
FOR PLASTIC FILM SCRAP:
LDPE, HDPE, LLDPE WOVEN
PLASTICS, PP RAFFIA ETC.



● TECHNICAL SPECIFICATION ●

MODEL	HIKON RPTSC 65	HIKON RPTSC 75	HIKON RPTSC 85	HIKON RPTSC 100	HIKON RPTSC 120
SCREW DIA (MM)	65	75	85	100	120
OUTPUT (KG/HR)	75 -100	120 -150	150 -200	200 -250	400 -500
PELLETIZING SYSTEM	DFC/STRAND PELLETIZER	DFC/STRAND PELLETIZER	DFC/STRAND PELLETIZER	DFC/STRAND PELLETIZER	DFC/STRAND PELLETIZER

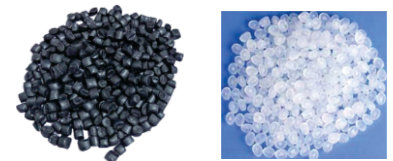
● HIKON CUTTER COMPACTOR MOTHER BABY/ DOUBLE STAGE RECYCLING/ ● ● REPROCESSING EXTRUDER ●



APPLICATIONS :
FOR PLASTIC FILM SCRAP:
LDPE, HDPE, LLDPE WOVEN
PLASTICS, PP RAFFIA ETC.



RECYCLED GRANULES



● TECHNICAL SPECIFICATION ●

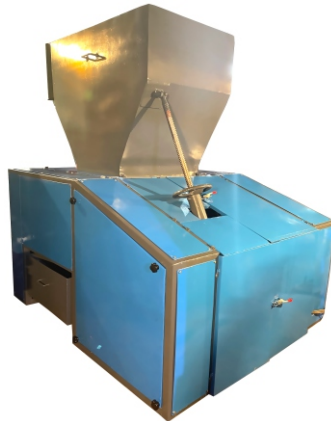
MODEL	HIKON DSC 65	HIKON DSC 75	HIKON DSC 85	HIKON DSC 100	HIKON DSC 120
OUTPUT (KG/HR)	75-100	120-150	150-200	200-250	400-500
PELLETIZING SYSTEM	DFC/ STRAND PELLETIZER	DFC/STRAND PELLETIZER	DFC/STRAND PELLETIZER	DFC/STRAND PELLETIZER	DFC/STRAND PELLETIZER

● SCRAP GRANULATORS ●

SOUNDPROOF GRANULATOR



GRINDED SCRAP



GRANULATOR WITH
CYCLONE & DUST COLLECT



● TECHNICAL SPECIFICATION ●

MODEL	BLADE LENGTH (IN INCHES)	TOTAL BLADES	MAIN DRIVE (KW)	OUTPUT (KG/HR)
HIKON G9	9	4	3.7	30-50
HIKON G10	10	5	5.6	50-60
HIKON G12	12	5	7.5	60-75
HIKON G15	15	5	11	120-150
HIKONG18	18	5	11/15	180-220
HIKONG20	20	5	15	150-200
HIKON G24	24	6	18	200-250
HIKON G28	28	8	22	250-300
HIKON G30	30	10	30	300-400
HIKON G32	32	10	30	400-500
HIKON G36	36	12	37	500-600
HIKON G40	40	22	56	800-1000
HIKON G42	42	24	56	1000-1200
HIKON G 48	48	20/24	56	1000-1500

● TWIN SCREW EXTRUDER ●



● HIKON AGGLOMERATOR / DENSIFIER ●



AGGLOMERATED SCRAP



● TECHNICAL SPECIFICATION ●

MODEL	HIKON AG 24	HIKON AG 28	HIKON AG 32	HIKON AG 36
MAIN DRIVE (KW)	22/30	37/45/56	56/75	112/135
OUTPUT (KG/HR)	50-100	100-200	200-300	400-700
TOTAL BLADES	8	10	10	12

● HIKON HIGH SPEED VERTICAL MIXER ●

● TECHNICAL SPECIFICATION ●

MODEL	HIKON M 25	HIKON M50	HIKON M100
CAPACITY(KG/BATCH)	20-25	30-50	60-80
OUTPUT (BATCH/HR)	4-5	4-5	4-5
TOTAL BLADES	2	4	4
MAIN DRIVE (KW)	7.5	15	30

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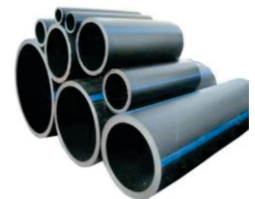
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● HIKON SINGLE SHAFT SHREDDER ●



APPLICATIONS :

Can be used for shredding a wide variety of plastics.
Such as **Plastic drums HDPE, plastic lumps,**
plastic scraps etc.



SHREDDED PLASTIC SCRAP

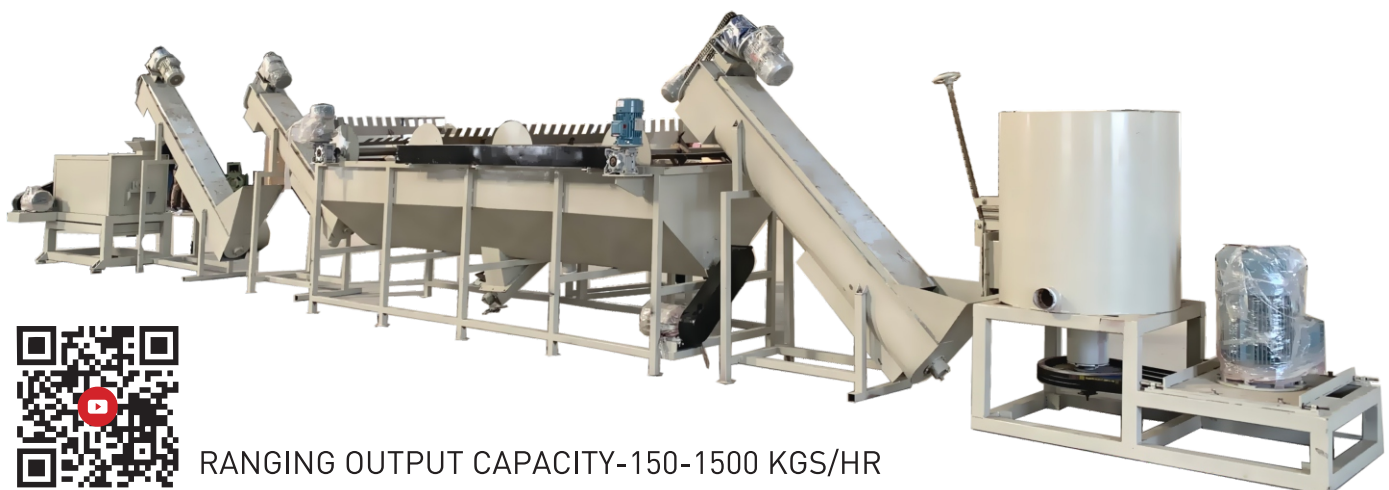


● TECHNICAL SPECIFICATION ●

MODEL	MAIN DRIVE (KW)	OUTPUT (KG/HR)
HIKON SS 500	15	80-125
HIKON SS 600	15	150-200
HIKON SS 700	22	200-300
HIKON SS 800	30	300-500
HIKON SS 1100	45	500-800

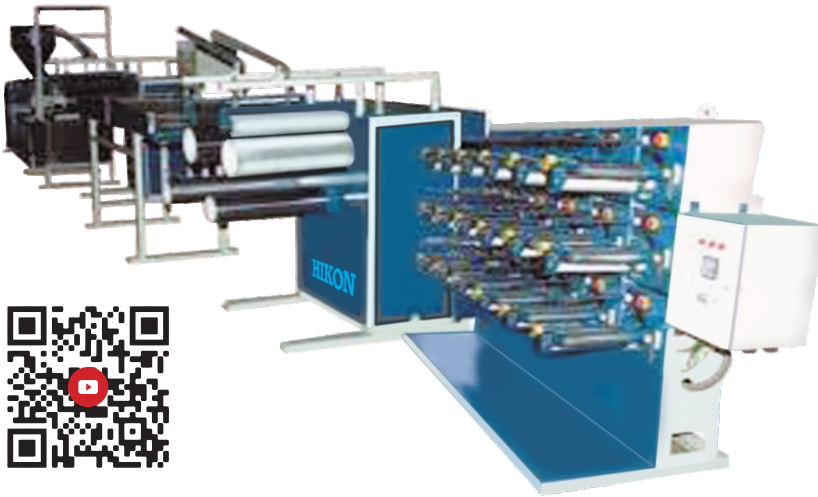
● HIKON AUTOMATIC WASHING AND DRYING PLANT ●

FOR -PP/PE/PS/ABS/PE/PET



RANGING OUTPUT CAPACITY-150-1500 KGS/HR

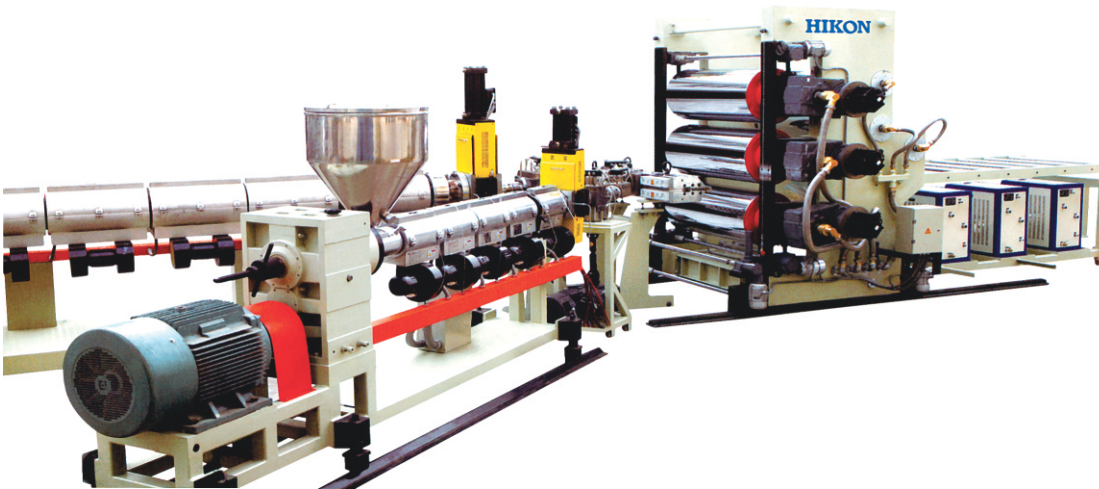
● HIKON PP SUTLEE PLANT ●



● TECHNICAL SPECIFICATION ●

MODEL	HK SUTLEE 40	HK SUTLEE 50	HK SUTLEE 65	HK SUTLEE 75
SCREW DIA (MM)	40	50	65	75
OUTPUT (KG/HR)	30	40	60	80
TYPE OF DIE	T-TYPE	T-TYPE	T-TYPE	T-TYPE
NO. OF WINDER	9	15	18	24

● HIKON SHEET EXTRUSION PLANT FOR PP/HIPS/PE ●



● TECHNICAL SPECIFICATION ●

PLANT MODEL	Multisheet Extrusion Plant TD/DL Series For Thin Sheet Applications					Multi Sheet Extrusion Plant TD/DL Series For Thick And Wide Sheet Applications			
	HIKON TD 65	HIKON TD 75	HIKON TD DL 75/45	HIKON TD DL 90	HIKON TD DL 90/50	HIKON TD 100	HIKON TD DL 100/50	HIKON TD DL 110/55	HIKON TD 120/60
Screw Dia (mm)	65	75	75/45	90	90/50	100	100/50	110/55	120/60
Sheet Width (mm)	UPTO 750	UPTO 750	UPTO 750	UPTO 750	UPTO 750	UPTO 750	UPTO 1200	UPTO 1200	UPTO 1200
Sheet Thickness (mm)	0.20 TO 1.5	0.20 TO 1.5	0.20 TO 1.5	0.20 TO 1.5	0.20 TO 1.5	0.20 TO 6	0.20 TO 6	0.20 TO 6	0.20 TO 6
Output (Kg/Hr)	110 -175	150 -200	150 -200	175 -250	175 -250	250 -400	250 -400	500	750

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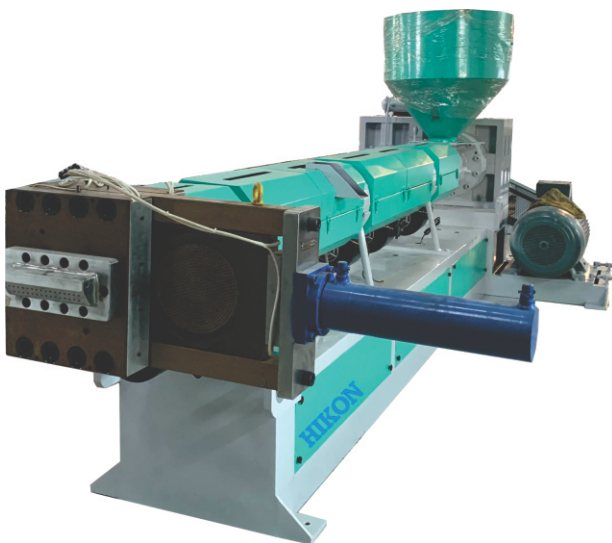
● HIKON HIPS BLOWN SHEET PLANT ●



● TECHNICAL SPECIFICATION ●

Plant Model	HIKON HIPS 90/38 Double Layer	HIKON HIPS 100/38 Double Layer	HIKON HIPS 125/45 Double Layer
Main Screw Dia (mm)	90	100	125
Output (Kg/Hr)	100-125	130-150	175-200
Sheet Thickness (mm)	0.1 to 0.5	0.1 to 0.5	0.1 to 0.5

● HIKON SINGLE STAGE RECYCLING/REPROCESSING EXTRUDER FOR PET ●



● TECHNICAL SPECIFICATION ●

MODEL	HIKON RPET 80	HIKON RPET 100	HIKON RPET 120
SCREW DIA (MM)	80	100	120
OUTPUT (KG/HR)	100-150	200-250	300-400

Working for a better FUTURE ...



HIKON H.K. INDUSTRIES

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H.K. Industries is involved in continuous and innovative development to produce the latest technology plant. As such plant specification and design are subject to change.