HIKON

INNOVATING PLASTIC TECHNOLOGY







www.hikonglobal.com

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ABOUT US

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** 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.

AWARDS



Plastic Recycling Conference Asia Award 2024 For "Best Plastic Recycling Facility" Held At Pragati Maidan, Delhi On 2nd May, 2024



Plastic Recycling Conference Asia Award 2023 For "Social Leader In Plastic Recycling" Held At The Lalit, Mumbai On 27 April, 2023

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.



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 5600+ 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 lines & auxiliaries.
- We are providing A to Z solutions for plastic recycling on turnkey basis

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, Djibouti, Ivory Coast, KSA and many more.



• HIKON SINGLE STAGE RECYCLING/REPROCESSING EXTRUDER •



WITH SIDE FORCE FEEDER FOR AGGLOMERATOR FREE PROCESS



TECHNICAL SPECIFICATION

MODEL	HIKON RPTS 65	HIKON RPTS 75	HIKON RPTS 85	HIKON RPTS 100	HIKON RPTS 120	HIKON RPTS 130	HIKON RPTS 140	HIKON RPTS 190
SCREW DIA (MM)	65	75	85	100	120	130	140	190
OUTPUT KG/HR	75-100	125-150	150-190	200-250	250-300	300-500	500-600	800-1000
PELLETIZING SYSTEM	DFC/STRAND PELLETIZER							

OPTIONAL: PLC controlled automaton with touch screen, magnetic sensor on conveyor, continuous screen changer, side & top force feeding, die face cutting, air knife, vibrating screen, cyclone with bag weighing system etc.

• HIKON MOTHER BABY/DOUBLE STAGE RECYCLING/REPROCESSING EXTRUDER •





TECHNICAL SPECIFICATION •

MODEL	HIKON DS 65	HIKON DS 75	HIKON DS 85	HIKON DS 100	HIKON DS 120	HIKON DS 130	HIKON DS 140	HIKON DS 190
OUTPUT KG/HR	75-100	125-150	150-190	200-250	250-300	300-500	500-600	800-1000
PELLETIZING	DFC/STRAND	DFC/STRAND	DFC/STRAND	DFC/STRAND	DFC/STRAND	DFC/STRAND	DFC/STRAND	DIE FACE CUTTER
SYSTEM	PELLETIZER	PELLETIZER	PELLETIZER	PELLETIZER	PELLETIZER	PELLETIZER	PELLETIZER	



HIKON CUTTER COMPACTOR SINGLE STAGE RECYCLING/ ● REPROCESSING EXTRUDER ●



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



Machine Video





→ TECHNICAL SPECIFICATION ●

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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	DFC/STRAND	DFC/STRAND	DFC/STRAND	DFC/STRAND
	PELLETIZER	PELLETIZER	PELLETIZER	PELLETIZER	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













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 AUTOMATIC GRINDING, WASHING & DRYING PLANT

FOR FILMS AND HARD SCRAP INCLUDING PP - PE - PS - ABS - NYLON - MLP





RANGING OUTPUT CAPACITY-150-1500 KGS/HR

FEATURES:

- 1. This Complete production line is used to crush, wash and dry PP/PE/MLP Films and other kind rigid plastics like PP/PE/PS/ABS/Nylon etc with production capacity ranging from 150-1500 Kg/Hr.
- 2. It takes the advantages of easy operation, low cost labor, safety and reliability etc.
- 3. Whole production line is automatic controlling, high production efficiency and cleanliness.
- 4. After drying the water content can reach 5-10% (depends on material and processing chart).

ADVANTAGES:

- 1. Most Competitive price , most effective solution, most turn-key project .
- 2. Machine will be made according to your floor plan.
- 3. The complete line will be design on the basis of how dirty the scraps are, and choose suitable machines according to your requirement.
- 4. Best standard raw material and component applied on the production line.



• HIKON SINGLE SHAFT SHREDDER •

APPLICATIONS:

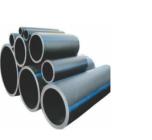
Can be used for shredding a wide variety of plastics. Such as **Plastic Drums HDPE**, **Plastic Lumps**, **Plastic Scraps etc**.















TESTIMORE OF ESTITION TO						
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 AGGLOMERATOR / DENSIFIER

HIKON HIGH SPEED VERTICAL MIXER





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

→ TECHNICAL SPECIFICATION ◆

MODEL	HIKON M25	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

• DIE FACE CUTTER •

FOR PP/PE GRANULES RANGING FROM 50-1500 KG/HR OUTPUT

• ALL TYPES OF SCREW & BARRELS •

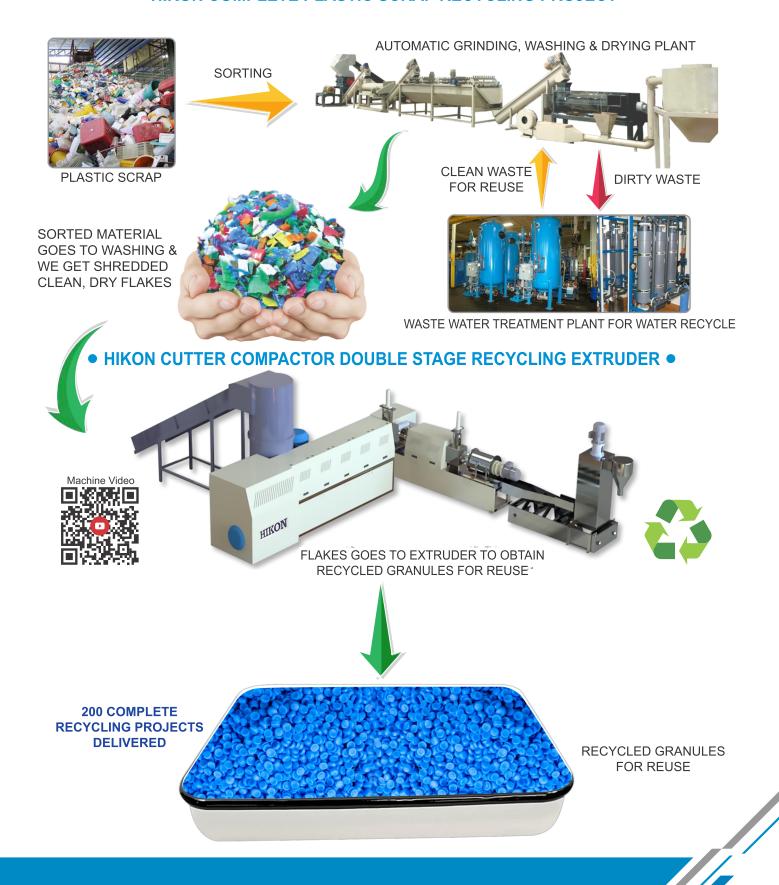
FOR PLASTIC PROCESSING MACHINE







HIKON COMPLETE PLASTIC SCRAP RECYCLING PROJECT



Working for a better FUTURE ...



HIKON H. K. INDUSTRIES

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H.K. Industries is involved in continuos and innovative development to produce the latest technology plant. As such plant specification and