

HIKON

INNOVATING PLASTIC TECHNOLOGY



PLASTIC
RECYCLING
SOLUTIONS



www.hikonindia.com



www.hikonglobal.com

HIKON

INNOVATING PLASTIC TECHNOLOGY

● 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.



● 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.

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

● 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.

• 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 •

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



Machine Video



• 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



Machine Video



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 - PET



Machine Video



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/PET 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 1-8% (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.

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• 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

• HIKON SINGLE SHAFT SHREDDER •

APPLICATIONS :

SHREDDED PLASTIC SCRAP

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



Machine Video



• 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 AGGLOMERATOR / DENSIFIER ●

● HIKON HIGH SPEED VERTICAL MIXER ●

AGGLOMERATED
SCRAP



Machine Video



● TECHNICAL SPECIFICATION ●

● 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

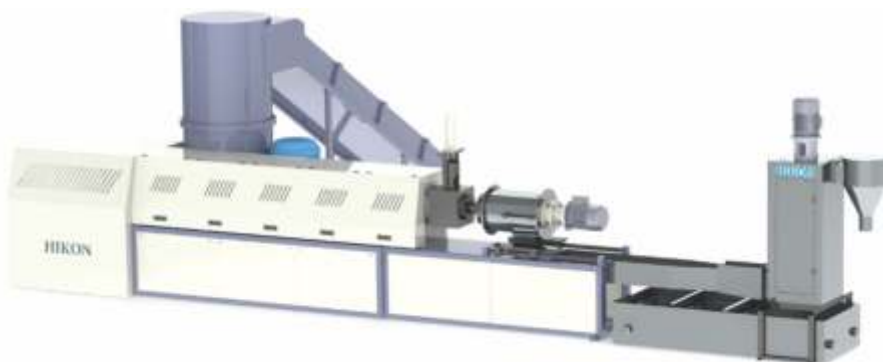
MODEL	HIKON M 25	HIKON M50	HIKON M100
CAPACITY(KG/BATCH)	20-25	30-50	60-80
OUTPUT (BATCH/HR)	4-5	4-5	4-5
TOTAL BLADES	2	4	4
MAIN DRIVE (KW)	7.5	15	30

● DIE FACE CUTTER ●

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

● ALL TYPES OF SCREW & BARRELS ●

FOR PLASTIC PROCESSING MACHINE



HIKON

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• HIKON COMPLETE PLASTIC SCRAP RECYCLING PROJECT •



PLASTIC SCRAP

SORTING



AUTOMATIC GRINDING, WASHING & DRYING PLANT

CLEAN WASTE FOR REUSE

DIRTY WASTE



SORTED MATERIAL GOES TO WASHING & WE GET SHREDDED CLEAN, DRY FLAKES



WASTE WATER TREATMENT PLANT FOR WATER RECYCLE

• HIKON CUTTER COMPACTOR DOUBLE STAGE RECYCLING EXTRUDER •



FLAKES GOES TO EXTRUDER TO OBTAIN RECYCLED GRANULES FOR REUSE



Machine Video



RECYCLED GRANULES FOR REUSE

200 COMPLETE RECYCLING PROJECTS DELIVERED

Working for a better FUTURE ...



HIKON H. K. INDUSTRIES

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5000+

Satisfied Clients

25+

Countries Export

5000 Sqft.

Manufacturing Facility



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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.