



# **GAURAV ENGINEERING**

House of Recycling

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# House of Recycling



Established since 1983 , We deliver end to end solution in recycling be it post-consumer or post-industrial. Is an exclusive brad dealing into plastic recycling [products only. Initially started business as a consulting firm in plastic extrusion. We have rich history of evaluating and manufacturing many extruders including but not limited to Tape line,, blown film, monofilament, pipe , Solid Rod ,artificial hair , Ball pen, Box strapping, profile, compress molding etc. both In plastic and Rubber

Using expertise of end-to-end application , Gaurav Engineering is now focused since many decades exclusively dealing in plastic recycling machinery. Utilising years of experience and consulting knowledge, we deliver comprehensive **solution from 25 kg / Hr to 1000 Kg/ Hr** in all four formats

**CRUSH –WASH –EXTRUDE –PALLETIZE**

# INFRASTRUCTURE

- Located in Ahmedabad , heart of Gujarat India. Our capabilities are backed up by our 3 state of the art facilities. Equipped with right Technology & focused mindset to excel in recycling technology set us apart



## EXECUTIVE CONTACT

Head office

**Vaishnodevi, Ahmedabad**

2000 Sq-ft office Centre for purchase marketing and design team.

## UNIT 1 & UNIT 2

Procurement & CNC machining

**Bakrol, Ahmedabad**

17,000 sq-ft of combined constructed space of 2 units  
75,000 Sq-ft of inventory and expansion provision space.

## UNIT 3

Assembly Division

**Changodar, Ahmedabad**

65000 Sq-ft House of recycling show room representing all recycling model and ready stock machines.

# 70% market share in FIBC



Be it Inhouse Liner bags, HDPE PP WOVEN waste, Bag Waste , Punching waste, Highly printed etc. We got the entire spectrum for FIBC, Not just that we lead in the market with more than 700 installations in FIBC / WOVEN SACK.

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## ***AIR COOL*** Series

- Suitable for 40 to 60 Kg/Hr. PE waste
- Ideal small waste option, ideally liner bags
- Simple design compact size
- A mini setup for new startups in Woven Sack / Blown films



# ***FORCE FEEDER*** Series



- Suitable for 100 to 250 Kg/Hr. PE / PP waste
- Designed for HDPE /PP Raffia , Liner bags, BOPP etc.
- No Agglomeration recycling even up to 12 microns BOPP
- Equipped with Grinder , Water ring die face Cutter Unit
- Conveyor Belt / Vacuum Tank optional





# ***MOTHER BABY*** Series with Power boost Vacuuming



- Suitable for Highly printed BOPP/ PP bags waste
- Designed keeping vacuuming expose area into consideration with power boost, strand vacuuming.

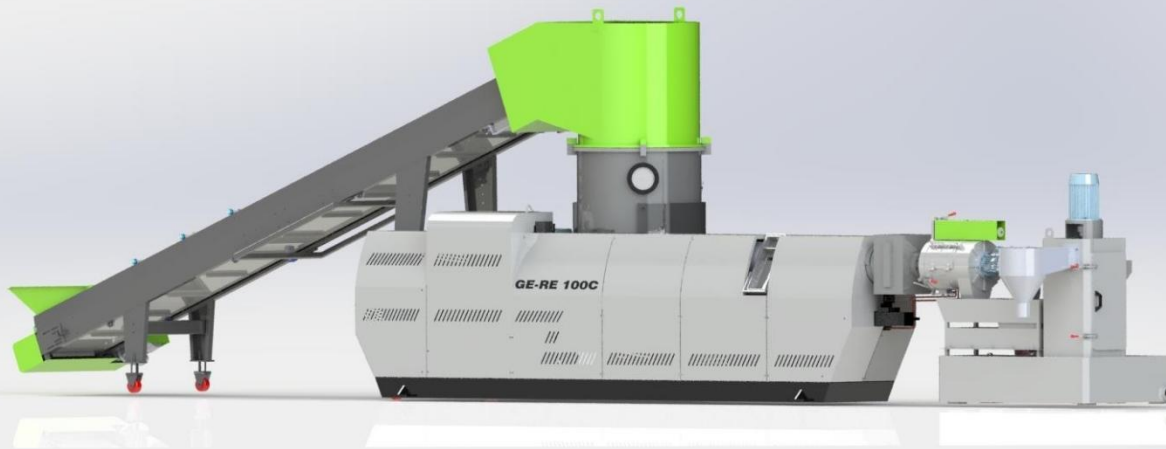
Video 1



Video 2



# ***Cutter Compactor*** Series



- Suitable for High out put 300 Kg/hr to 1000Kg/Hr
- Ideal only for higher capacity, Consistent quality and quantity plant waste.





# READINESS

## Inventory Time Standards



Since we have our standard range of recycling model . We work on ready stock inventory for any parts . Just in case needed under any urgent break down .



Our expertise has built to a level where we keep certain model of entire recycling machinery in ready stock. When time is money, Get in touch with our representative to know **next day delivery** available recycling units.



Known for brand for reliability. , we value time at both ends . That's where selecting only standard make reliable spare parts & strict manufacturing procedures Keeps up leading in our segment



# SERVICE NETWORK



**Meet Jayesh Panchal**, service and aftermarket expert.

With over 28 years of experience at Gaurav Engineering, Jayesh Panchal leads our fleet of highly skilled & trained team of 32 in-house and external technicians. They are just a call away, ensuring quick and reliable service whenever your machinery needs attention.

At Gaurav, we understand the urgency of keeping operations running smoothly. That's why we've secured an impressive 70% market share in the Indian FIBC recycling sector, while also supporting major packaging and FMCG companies who generate massive amounts of plastic waste daily. In these industries, every second counts.

"If spare parts can be delivered quickly, so can a technician. And if my expertise is ever required, I'll be there too. But chances are, you won't need me —because at Gaurav, we build machines that are designed to last. Every machine is 100% tested before it leaves our facility."

**Jayesh Panchal**

Head of Service & Aftermarket, Gaurav Engineering

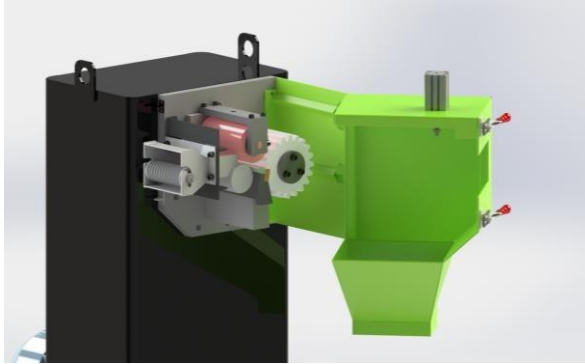
# ***WASH : Dry / Wet***



- Available washing Lines in Both wet & Dry formats.
- But our Dry wash sets a Unique industry standard. Cleaning 80% dust with zero use of water. Visit Video & Link to know more.



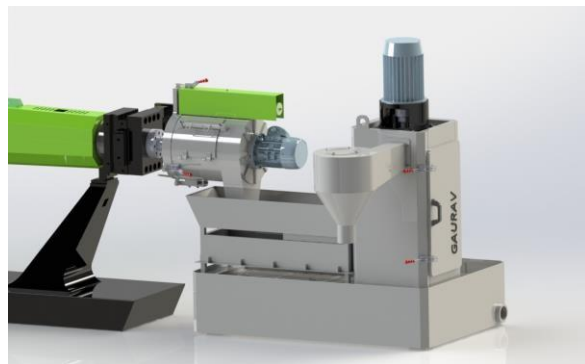
# ANCILLARIES Palletizers



## ROTARY STRAND CUTTER

### **GE-SC Serie**

**Changing polymer colors** is lot easier, no more residuals. Thanks to Gaurav strand palletizing system GE-SC. Clean fresh pallets with every new batch. Whereas **changing blades** have become quick & user-friendly. A perfect small companion for masterbatch, compounding and recycling industry. Variants available up to 500 Kg/Hr.



## WATER RING DIE-FACE CUTTER

### **GE-DFC Series**

consistent granule shape to mix with the virgin granules precision with consistent quality, Versatile for PP, LD, HD, EVA, BOPP. PC, HIPS, Delrin etc. up to **35 MFI** in water ring. All new filtration unit smallest polymer fines is now collected separately **NO CHILLER** requirement is our long-standing record. Variants up to 1000 Kg/Hr.



# ANCILLARIES Size Reduction



## DUAL SHAFT SHREEDER

### **GE-DS SERIES**

Be it big article or bulky solid waste a perfect infeed for recycling is now possible. Operate on low RPMs and inbuilt reverse feed on heavy loads make machine safe and long lasting. Shredding has been never this hassle free , plug and play. Available in 600 mm and 800 mm wide mouth feed size.



## ROTARY GRINDERS & CRUSHERS

### **GE-GR SERIES**

Suitable to shear films, filaments, or fabric. Known for its long-standing durability. Available with scissor cutting blades, . Combination of rotary & fix blades. GE-GR provides an easy change over options and quick setup settings. Whether be it hard article waste or be high strength fabric like Raffia bags. GE-GR grinders always probed test of time. Variants in 18" / 21" / 24" formats.





# Message from our managing team

At Gaurav Engineering, we don't just build machines; we provide comprehensive solutions and support for all your plastic recycling needs under one roof. As a company we have served long standing machines as a long-standing brand since 1983 with our long-standing team members who we are proud to have in our Gaurav Family . This is what speaks of our company and community we built around us.

" While choosing machines, one chooses their partner in success. Thus, we precisely consider to choose parts , suppliers and a true design. Our customer choose something they can rely upon for long, that's why they choose Gaurav. "

**-Nitin Patel**  
**(Head of Design & Founder )**



From Left Side of right **Arpit Patel** ( Technical Director - Sales Head ) **Harsh Patel** ( Sales Lead North America)  
**Nitin Patel** (Founder & Head of Design) **Rajni Patel** (Controller) **Sanjay Patel** (Production Head) **Akash Patel**( Finance Lead )



# Contact Us

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