



SG

Shree Ganesh Industries

Manufacturers of Retrofit Parts for
Plastic Blown Film Plants &
Machineries



ABOUT US

- **Over 30 Years of Experience**

SGI began its journey over three decades ago, initially focusing on retrofit parts and equipment refurbishment.

- **Strategic Evolution**

Gradually expanded into full-scale casting and machining operations to better serve the Indian plastic industry.

- **In-House Manufacturing Capabilities**

Equipped with its own aluminium foundry and advanced machine shop, enabling complete control over product quality and delivery timelines.

- **Engineering & Design Excellence**

Offers extensive in-house engineering and design capabilities to meet diverse customer requirements.

- **Leadership in Blown Film Cooling Ring Systems**

Today, SGI is recognized as the leading manufacturer of blown film cooling ring systems in India.

- **Global Market Expansion**

Initiated a major export drive during Plastindia 2000, marking the company's entry into the global market.

- **Strong Export Revenue**

A significant portion of the company's revenue now comes from export sales, underscoring its global competitiveness.

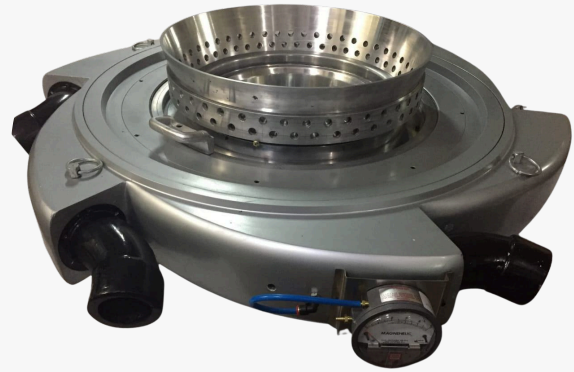
- **Commitment to Quality and Innovation**

Products are known for performance, reliability, and innovative engineering, earning SGI a trusted reputation worldwide.

HIGH PERFORMANCE

GAMMA SERIES

COOLING RING



Available in three different sizes:

- Gamma Series I is suitable for die sizes from 80mm up to 150mm.
- Gamma Series II is suitable for die sizes from 120mm up to 350mm.
- Gamma Series III is suitable for die sizes from 350mm up to 500mm.
- Gamma Series IV is suitable for VIII are custom manufactured for die sizes from 500mm to 2000mm.

Technical features:

- Completely cast and machined aluminium body and inserts.
- Dual flow cooling ring inserts.
- Completely rotating inserts (Upper and Bottom lips).
- Tangential air entry.
- Adjustable deep collar for outstanding bubble stability and gauge uniformity.

HIGH PERFORMANCE

S-SERIES

COOLING RING



Technical features:

- Polishes air surfaces
- Adjustable chimney
- Temperature analog gauge.
- Custom mounting brackets.
- Improved roll geometry.
- Improved film optics.
- Improved width control and web flatness.
- Maximum air capacity 150cfm per inch.
- Proven performance running LDPE, LLDPE, HDPE, mLLPE and all combinations.
- Combinations of other flexible packaging polymers
- Custom designs for other polymers available i.e. PVC, PP, PS, fopolymers.
- Adjustable upper lip
- Adjustable forming cone
- Balanced air flow at 1-½ " of static pressure
- Improved running low melt strength materials
- Improved bubble stability
- Unbeatable gauge uniformity
- Magnahelic analog gauge
- Increased production speeds

HIGH PERFORMANCE

ALPHA SERIES

COOLING RING



Technical features:

- Completely cast and machined aluminum body and inserts.
- Dual flow cooling ring inserts.
- Completely rotating inserts (upper and bottom lips).
- On-line adjustment of the primary and secondary air gaps.
- Tangential air entry.

SPARE PARTS

- **HM-LLDPE Dual Lip & Single Lip Cooling Rings**

For HM-LLDPE, We manufacture Single Lip as well as Dual lip Cooling Air Rings and Rotating Rings which both top and bottom lips are independently adjustable. We have 5 models in this range which can adjust die size from 25mm to 450mm.



- **PVC Air Rings**

For PVC films we manufacture a complete range of cooling rings for every type of film like Soft, Rigid, Shrink, and Lamination. We have Triple- Triple-section cooling rings as well as Self-Rotating Cooling Rings for every precision job suitable from 25mm to 350mm dies.

- **Caliber Basket & Iris Rings**

In our product range, we have 5 models of Iris Rings ranging 18" , 26" , 36" , 42" , 52" lay flat tubing sizer as well as Caliber Basket.



- **Polypropylene Sizzers**

Our Company manufactures PolyProplene (PP) Scissors of any design in Aluminium Alloy, Gunmetal, Brass as per your machine design from 1" to 30" for 35mm, 45mm, 55mm, 65mm extruders. We also manufacture all types of scissors as per your specifications and drawings.



- **Polypropylene Water Tanks**

Our company manufactures Polypropylene (PP) Water Baths (Tanks) made of Aluminium Alloy as well as steel fabricated body as per your requirements. Our universal sizes are: 4", 6", 12", 18", 22", 24", 30", 36" for layflat tubes.

- **Screw Barrels**

In our product range we are manufacturing different kinds of Screw Barrels i.e. Normal Screw Barrels, Grooved Screw Barrels and Barrier type Screw Barrels for various kinds of materials like PP, LD, LLDPE, HD, and PVD.



- **Single Lip Cooling Rings**

We manufacture Single Lip Cooling Air Rings and Rotating Rings, with both top and bottom lips that are independently adjustable. We have 5 models in this range, which can adjust the die size from 25mm to 450mm.



- **Dual Lip Cooling Rings**

We manufacture Dual Lip Cooling Air Rings and Rotating Rings, with both top and bottom lips that are independently adjustable. We have 5 models in this range, which can adjust the die size from 25mm to 450mm.



- **PP Adjustable**

It is used for pp films and LD heavy duty films we have adjustable as well as fixed cool rings suitable according to die size.

- **Rotating Die Hands**

We have a complete range of rotating Die Hands for PP, LD, HM, and PVC.



- **Die Heads**

Our Company manufactures all types of Die Heads for PP, LD, Hm, LLDPE & OVC. In this we have rotating Die Heads, Stationary Die Heads and Multi-Layer Die Heads.

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