

WE SERVING **CLIENTS WORLDWIDE**

Engineering Excellence in Extrusion



Ready to Expand
your production line
or build a new plant?

Contact us today for a
free quote or visit us!



+91 95584 45448, 85111 20101/102



sales.heavenextrusions@gmail.com
heavenextrusions@gmail.com



www.heavenextrusions.com



Plot No.1, Block Survey No.675, B/h-Virat Industrial Estate Vill-Khodi,
Vadod, Ahmedabad - 382430. Gujarat - India.



A - 615/616, Galaxy Central, Opp. D-Mart, Nr. Hanspura BRTS Bus Stand,
S.P Ring Road, New Naroda, Ahmedabad - 382330. Gujarat - India.

Pioneering Excellence in **Plastic Extrusion Machinery**

Delivers innovative, High-performance Plastic Extrusion
Machinery trusted across India and Global Markets.

ABOUT HEAVEN EXTRUSIONS PVT. LTD.

Heaven Extrusions, based in Ahmedabad, Gujarat, is a leading manufacturer and exporter of plastic extrusion machinery. Established in 2005, the company delivers advanced, reliable, and high-performance extrusion solutions for Indian and global markets. With a modern manufacturing setup and expert engineers, Heaven Extrusions offers a wide range of machines including Raffia Tape Lines, Blown & Cast Film Plants, Coating & Lamination Lines, Sheet and Strapping Machines, Monofilament Plants, and auxiliary equipment—known for innovation, durability, and customer focus.



27+ Countries

Strong Global Presence
Across 20+ Nations



1K+ Customers

Trusted by 1K+ Happy
Clients Worldwide



Since 2005

20+ Years of Industry
Experience



20+ Product Range

Wide Range of Advanced
& Reliable Products

VISION FOR THE FUTURE

To become a globally recognized leader in plastic extrusion technology by embracing advanced automation, sustainable manufacturing practices, and continuous innovation—delivering high-performance, reliable, and future-ready solutions that create long-term value for customers worldwide.



Mission & Values



Quality First

Ensuring high precision, durable, and performance-driven machines.



Innovation

Continuous R&D to meet evolving global market standards.



Focus

Custom-built solutions, transparent communication, and responsive service.



Integrity

Ethical business processes, long-term relationships, and trust-driven partnerships.

PP/HDPE RAFFIA WOVEN SACK BAG PRODUCTION LINE

Your Technology Partner for Raffia Woven Sack Packaging



Technical Specification for Raffia Tape Stretching Line

Model	Screw Size (MM)	L/D Ratio	Die width (MM)	Max Melting Capacity (KG/HR.)	Max. Line Speed (MPM)
HETSL - 65/150	65	32:1	800	125 to 150	250
HTSL- 75/200	75	32:1	900	170 to 200	300
HTSL-85/250	85	32:1	1100	225 to 250	350
HTSL- 95/350	95	32:1	1300	315 to 350	380

Heaven Extrusions offers complete, high-performance solutions for manufacturing PP/HDPE Raffia woven bags and tarpaulins, designed to deliver superior fabric strength, consistent quality, and high productivity. Our Raffia Woven Sack Bags Production Line are trusted worldwide for applications demanding durability, weather resistance, and cost efficiency.

Complete Production Solution

1. Raffia Tape Stretching Line

Premium-grade PP or HDPE granules are processed through Heaven Extrusions' robust extrusion systems, ensuring:

- Uniform melt quality
- Excellent dispersion of colour and additives
- Stable output at high speeds

Film Formation, Slitting & Tape Stretching

The molten polymer is formed into thin film with Extruder and high precision Coat Hanger type 'T' Die, precisely slit into tapes, and then passing through longest Hot Air Oven and Stretching Annealing Godet Unit to using advanced stretching technology to achieve:

- High tensile strength
- Optimal elongation
- Uniform tape width and thickness

This process ensures long-lasting woven fabric performance.

Automatic Tape Winding

Heaven Extrusions precision Tape winding Systems for high quality and efficient tape winding across various industrial applications. Tape Winder are available for different needs, including the Magnetic Winder or Inverter Based winder ideal for:

- Consistent tension control
- Smooth bobbin formation
- Trouble-free weaving operation

2. High-Speed Circular Weaving Looms Machine

Heaven Extrusions offers a range of High-Efficiency Circular Looms machine to weaving light to heavy weight tubular or flat PP/HDPE fabrics for multiple variety as per applications. Our Looms machine is ideal for:

- Adjustable weave density
- Consistent GSM
- Excellent fabric integrity

3. Extrusion Coating Lamination Line

Heaven Extrusions offering wide range of Extrusion Coating Lamination Lines to Coating thin layer of PP or LDPE on substrates for moisture-proof and waterproof applications like Flat or Circular Woven Fabric, Paper, Cotton Cloth, Jute fabric, Aluminium foil with Paper, Circular woven Fabric with Printed BOPP film etc. up to 1500 mm Web width applications. We are offering High Speed Extrusion Coating Tandem Lamination Plant for Specially Circular Woven fabric with BOPP Lamination Coating Option. Our Coating and Lamination Line is ideal For:

- Cement & fertilizer bags
- Food and FMCG Packaging
- Industrial Packaging and FIBC Bags

4. BCS-35 Conversion & Finishing

Heaven Extrusions offering high-end technology to Conversion Lines for producing bottom folded and sewn woven sacks made from tubular woven PP/HDPE fabric. The Conversion Line (BCS LINE) is high-speed, next-generation machine specifically designed for conventional bag applications. This machine is handle the entire process of cutting, bottom folding, sewing, and stacking woven fabric to create durable and high-quality Bags.

Key Advantages of Heaven Extrusions Raffia Lines

Heavy-duty machine design for long service life, High output with minimal downtime, Energy-efficient extrusion and stretching systems, Consistent tape and fabric quality, Suitable for PP/HDPE/CaCO₃/MB/UV raw materials. Easy operation and maintenance, Export-quality engineering standards

Applications

Fertilizer Bags, Cement bag, Sugar Bags, Tarpaulin for monsoon sheds, FIBC Bags, Floor food Bags, General purpose packing Bags, Chemical Bags, Rice & Grain Packaging Bags, Packaging of onion, Potatoes, Fruits & Vegetable, Bird feed | Bird seeds | Animal seeds Bags

EXTRUSION COATING TARPAULIN LAMINATION LINE

High-Strength | Weather-Resistant | Consistent Coating Performance

The Extrusion Coating Tarpaulin Lamination Line from Heaven Extrusions is engineered for manufacturing premium-quality laminated tarpaulins used in agriculture, construction, logistics, transportation, and industrial covering applications. The line combines robust mechanical design with advanced extrusion coating technology to deliver uniform coating, excellent adhesion, and long service life of finished tarpaulin fabric.

Designed for continuous operation and high output, this line ensures superior bonding of LDPE/HDPE/LLDPE coating onto woven HDPE or PP fabric, resulting in tarpaulins with high tensile strength, water resistance, UV stability, and tear resistance.

Key Features

- . Heavy-duty single or twin-screw extruder for stable melt flow
- . Precision T-die with uniform coating thickness control
- . Advanced corona treatment system for strong fabric-to-polymer adhesion
- . Efficient lamination nip & cooling drum system
- . Smooth edge trimming and scrap recycling option
- . Automatic tension control & winding system
- . Energy-efficient design with low wastage

Raw Materials

- Base fabric: HDPE / PP Woven Fabric
- Coating polymers: LDPE, LLDPE, HDPE
- Additives: UV stabilizers, colour Masterbatch, Anti-aging agents

Advantages

- Excellent coating adhesion & peel strength
- Uniform GSM coating across full width
- High productivity with consistent quality
- Reduced energy consumption
- Long machine life with minimal maintenance
- Suitable for domestic and export markets

Technical Specification

Model	Screw Size (MM)	Die Width (MM)	Max. Coating Width (MM)	Coating Thickness in Micron	Line Speed (MPM)	Max. Melting Capacity (KG/HR.)	Connected Load (KW)
HETDL/950	70 X 70	900	800	20 to 75	150	150	95
HEL/1200	70	1200	1050	20 to 75	120	100	62
HEL/1650	75	1650	1500	20 to 75	120	150	78
HEL/2200	90	2200	2000	20 to 75	100	180	86
HEL/2600	90	2650	2500	20 to 75	80	200	105
HEL/3250	100	3330	3100	20 to 75	60	220	125
HEL/3860	100	3800	3650	20 to 75	50	350	135
HEL/4300	110	4300	4150	20 to 75	40	450	165
HEL/5300	120	5300	5100	20 to 75	40	550	185

Applications

- Agriculture tarpaulins
- Truck & container covers
- Construction site covers
- Monsoon & all-weather protective sheets
- Pond lining & canal lining sheets
- Industrial and warehouse covers

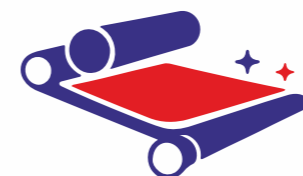


EXTRUSION COATING CARPET LAMINATION LINE

Smart Lamination for Premium Flooring Solutions



Heaven Extrusions Extrusion Coating Carpet Lamination Line is engineered for high-performance coating and lamination of automotive carpets, floor mats, industrial textiles, and non-woven fabrics. With advanced extruder design, precision die technology, and fully automated web handling, the line delivers uniform coating thickness, strong adhesion, and superior surface finish, even at high line speeds. This line supports single-layer and multi-layer coating applications, including PE, EVA, and LDPE-based compounds. Equipped with servo-driven unwind/rewind, PID-controlled ovens, and intelligent PLC-HMI systems, it ensures consistent quality, minimal downtime, and optimized productivity. Whether producing automotive carpets, industrial Non-woven, or laminated protective mats, this line offers robust performance, energy efficiency, and long-term reliability for continuous industrial production.



Uniform Coating & Lamination

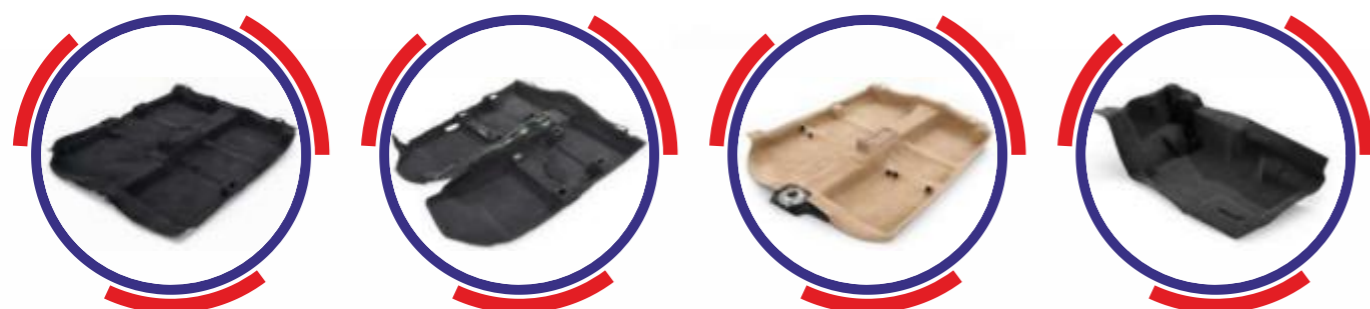
Ensures consistent thickness and superior adhesion.



Advanced Automation

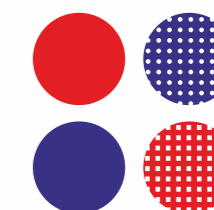
PLC-HMI control, servo-driven unwind/rewind, and PID ovens for precision.

Applications



High Productivity

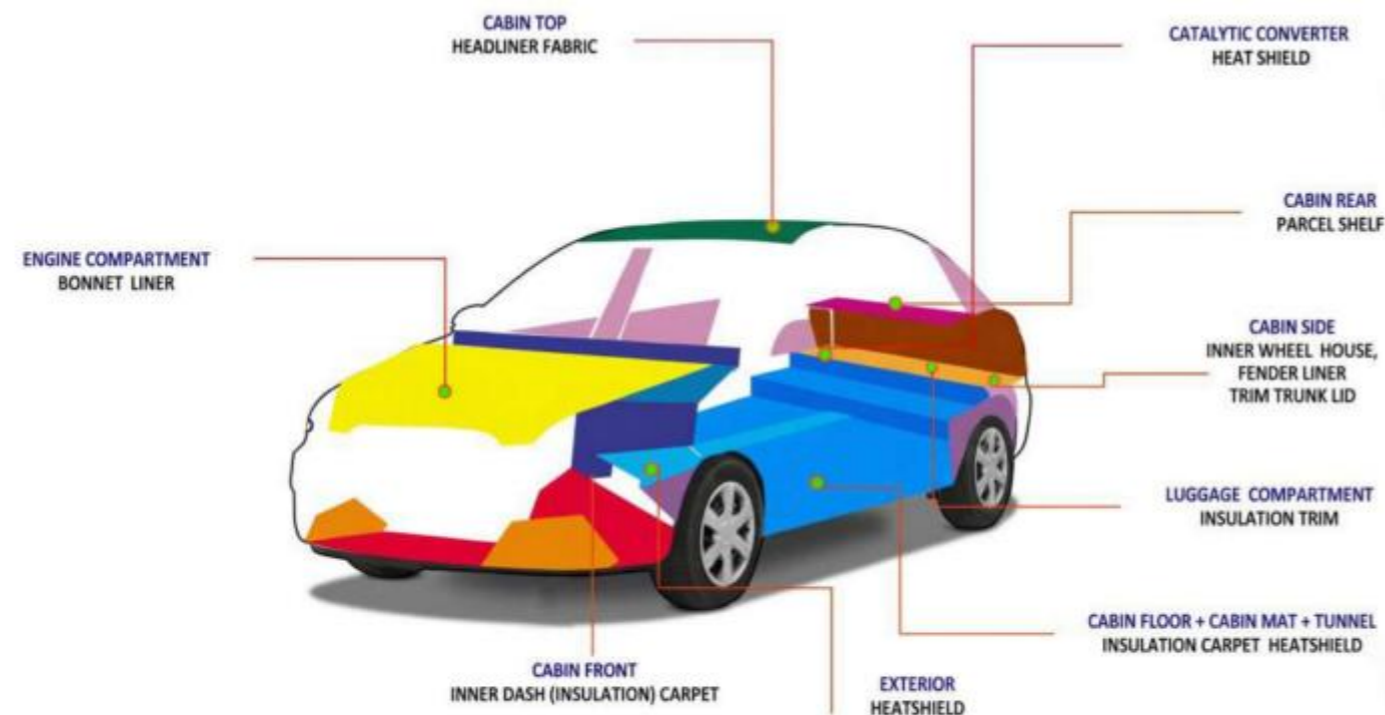
Continuous 24x7 operation with optimized energy consumption.



Versatile Substrate Compatibility

PE, EVA, LDPE, Non-woven, and technical textiles.

Delivering reliable performance, long-term stability, and premium quality finish, this line sets new standards in textile coating and lamination technology.



Suitable Raw Materials

Base Carpet

PP / PET / Nylon automotive carpet

Coating Polymers

LDPE, LLDPE, HDPE, EVA, PP

Backing Materials

Nonwoven fabric

PP scrim Aluminum foil

Glass fiber scrim

Technical Specification

Parameter	Specification
Screw Size	Up to 120 mm
Die Size	Up to 2500 mm
Max. Coating Width	Up to 2400 mm
Max. Coating	Up to 1000 gsm

Applications

- Automotive floor carpets
- Car trunk liners
- Cabin insulation carpets
- Door panel backing carpets
- Sound and thermal insulation materials
- Commercial vehicle flooring

MULTILAYER BLOWN FILM EXTRUSION LINE

Precision Layers for Premium Packaging



The Heaven Extrusions Multilayer Blown Film Extrusion Line represents the pinnacle of precision, flexibility, and high-performance extrusion technology. Designed for producing 2 to 5 Layer films, this line delivers superior barrier properties, enhanced mechanical strength, and excellent optical clarity, meeting the stringent demands of flexible packaging, laminates, FIBC, agricultural films, and industrial applications. Multilayer Blown Film Line adopts a lot of new technology such as higher Output Extrusion System, Energy Efficient screws, advance technology Spiral or Stacked dies, High Precise Air Ring Cooling system to ensures consistent gauge profile with Uniform thickness and bubble stability, IBC system, Bubble Stabilizing device, 360 Degree rotation Haul-Off unit or Rotating Die, Corona treatment Station, Central-guide system, Inline Trimming and Slitting System and Surface type Film Winding unit with Auto tension Control System. The line adopts automatic microcomputer control, equipped with colourful touch screen, integrated with HMI developed by ourselves to accomplish most of line operation, Control and achieve functions such as on-line help, Production Record, Safety protection and Start-up protection. Whether producing PE, LDPE, LLDPE, HDPE, or barrier-composite films, Heaven Extrusions' multilayer line delivers maximum flexibility, scalability, and long-term reliability, making it the first choice for premium converters and exporters.

Optional Features

Enhance Performance • Improve Film Quality • Maximize Productivity

Our Multilayer Blown Film Line can be configure with a wide range of optional features to suit specific production needs, improve automation, & elevate film quality. These add-ons ensure maximum flexibility for diverse applications such as packaging, lamination, shrink films, stretch films, & barrier films.

1. Automation & Process Control

- Automatic Gauge Control (AGC) System – Ensures uniform film thickness across the web.
- IBC (Internal Bubble Cooling) System – Improves output and bubble stability.
- Auto Air Ring with Profile Control – Enhances film consistency and reduces variation.
- Gravimetric Dosing & Blending System – Accurate material proportioning and reduced wastage.
- SCADA / Central Monitoring System – Real-time data logging and line supervision.

2. Film Quality Enhancement

- Corona or Plasma Surface Treatment – Better printability and laminate bonding.
- Electrostatic Pinning Device – Enhances layflat and improves film clarity.
- Inline Gusseting Unit – For producing gusseted film in a single pass.

3. Material Handling & Utility Upgrades

- Vacuum Auto Loaders with Dryers – Efficient feeding of raw materials.
- Material Storage Silos – For high-volume production setups.
- Online Flexo Printing Attachment – For inline Single Colour printing.

4. Advanced Winding Solutions

- Automatic Back to Back Two Station Winding System – Ensures perfect tension, roll density and smooth operation.

3-LAYER & 5-LAYER BLOWN FILM LINE – APPLICATIONS

1. Flexible Packaging Films

Food packaging films, Snacks & Namkeen packaging, Milk pouches, Oil pouches, Sugar & flour packing films, Detergent & powder packing bags

2. Industrial & Commercial Films

Shrink films, Stretch hood films, Heavy-duty bags, Courier & e-commerce packaging, Pallet cover films, Industrial liners

3. Agricultural Films

Greenhouse films (5-layer), Mulching films, Silage stretch films, Water barrier films, Fumigation films

4. Consumer & Household Films

Cling films, PE wrapping films, Garbage bags, Shopping bags

Applications



Technical Specification

Model	HEMBL-1200	HEMBL-1500	HEMBL-2000	HEMBL-2500
Film Width	600-1200 MM	800-1500 MM	1200-2000 MM	1500-2500 MM
Film Thickness	20-150 MICRON	20-150 MICRON	20-150 MICRON	25-200 MICRON
Max. Melting Capacity	140 kg/hr	200 kg/hr	250 kg/hr	300 kg/hr
Screw Dia (MM)	50-55-50	55-65-55	65-65-65	75-75-75

ABA CO-EX BLOWN FILM EXTRUSION LINE

Advanced ABA Co-Extrusion for Cost-Effective Packaging



The Heaven Extrusions ABA Co-Extrusion Blown Film Machine is designed for producing premium 3-layer films (ABA configuration), combining high strength, superior barrier properties, and excellent optical clarity. It is ideal for flexible packaging, lamination, FIBC, and high-performance films.

A-B-A Co-Ex Blown Film Line adopts a lot of new technology such as higher Output Extrusion System, Energy Efficient screws, advance technology Spiral dies, High Precise Air Ring Cooling system to ensures consistent gauge profile with Uniform thickness and bubble stability, Bubble Stabilizing device, 360 Degree rotation Haul-Off unit or Rotating Die, Corona treatment Station, Central-guide system, Inline Trimming and Slitting System and Surface type Film Winding unit with Auto tension Control System. The line adopts automatic microcomputer control, equipped with colourful touch screen, integrated with HMI developed by ourselves to accomplish most of line operation, Control and achieve functions such as on-line help, Production Record, Safety protection and Start-up protection.

With ABA co-extrusion, users can achieve outer layers for printability and strength, and a core layer optimized for barrier or mechanical properties, offering enhanced versatility for converters and manufacturers.

Optional Features

Enhance Performance • Improve Film Quality • Maximize Productivity

Our Multilayer Blown Film Line can be configure with a wide range of optional features to suit specific production needs, improve automation, & elevate film quality. These add-ons ensure maximum flexibility for diverse applications such as packaging, lamination, shrink films, stretch films, and barrier films.

1. Automation & Process Control

- Automatic Gauge Control (AGC) System – Ensures uniform film thickness across the web.
- Gravimetric Dosing & Blending System – Accurate material proportioning and reduced wastage.

2. Film Quality Enhancement

- Corona or Plasma Surface Treatment – Better printability and laminate bonding.
- Electrostatic Pinning Device – Enhances layflats and improves film clarity.
- Inline Gusseting Unit – For producing gusseted film in a single pass.

3. Material Handling & Utility Upgrades

- Vacuum Auto Loaders with Dryers – Efficient feeding of raw materials.
- Online Flexo Printing Attachment – For inline Single Colour printing.

4. Advanced Winding Solutions

- Automatic Back to Back Two Station Winding System – Ensures perfect tension, roll density and smooth operation.

ABA Blown Film Line – Applications

1. Packaging Films

- Grocery bags
- Shopping bags
- Carry bags with high dart impact
- T-shirt bags
- Garbage bags / trash liners
- Courier bags
- E-commerce packaging films

3. Food & Consumer Packaging

- Milk pouches (economy grade)
- Bread bags
- Dry food packaging liners
- Frozen food liners (non-critical)

5. Cost-Effective Multi-Use Films

- Outer layer high-strength HDPE/LLDPE for toughness
- Inner core layer of recycled/medium-grade polymer for cost reduction
- Ideal for thin-gauge, high-strength films

4. Agricultural Films

- Nursery bags
- Seedling bags
- General-purpose utility films

Applications



Technical Specification

Model	HEABABL-900	HEABABL-1200	HEABABL-1500	HEABABL-2000
Lay Flat Width	400 - 900 MM	600 - 1200 MM	800 - 1500 MM	1200 - 2000 mm
Film Thickness	20 - 80 MICRON	20-100 MICRON	20-150 MICRON	25-150 MICRON
Max. Melting Capacity	75 kg/hr	120 kg/hr	200 kg/hr	250 kg/hr
Screw Dia (MM)	45-45 (HM-LD)	55-55 (HM-LD)	65-65 (LD-LL)	75-75 (LD-LL)

TWO-LAYER BLOWN FILM EXTRUSION LINE

Enhanced Film Properties with Dual-Layer Engineering



Applications



Technical Specification

Model	HETBL-900	HETL-1200	HETL-1500	HETL-2000
Lay Flat Width	400 - 900 MM	600- 1200 MM	800 - 1500 MM	1200 - 2000 mm
Film Thickness	20 -80 MICRON	20-100 MICRON	20-150 MICRON	25-150 MICRON
Max. Melting Capacity	75 kg/hr	120 kg/hr	200 kg/hr	250 kg/hr
Screw Dia (MM)	45-45 (HM-LD)	55-55 (HM-LD)	65-65 (LD-LL)	75-75 (LD-LL)

The Heaven Extrusions Two-Layer Blown Film Extrusion Line is engineered to deliver high-quality 2-layer films with enhanced strength, barrier properties, and optical clarity. Ideal for flexible packaging, lamination films, industrial applications, and agricultural films, this line offers precise layer control and superior productivity.

Two Layer Blown Film Line adopts a lot of new technology such as higher Output Extrusion System, Energy Efficient screws, advance technology Spiral dies, High Precise Air Ring Cooling system to ensures consistent gauge profile with Uniform thickness and bubble stability, Bubble Stabilizing device, 360 Degree rotation Haul-Off unit or Rotating Die, Corona treatment Station, Central-guide system, Inline Trimming and Slitting System and Surface type Film Winding unit with Auto tension Control System. The line adopts automatic microcomputer control, equipped with colourful touch screen, integrated with HMI developed by ourselves to accomplish most of line operation, Control and achieve functions such as on-line help, Production Record, Safety protection and Start-up protection.

Whether producing packaging films, barrier films, or industrial protective films, the line delivers reliable, energy-efficient, and consistent performance for converters and exporters.

Optional Features

Enhance Performance • Improve Film Quality • Maximize Productivity

Our Multilayer Blown Film Line can be configure with a wide range of optional features to suit specific production needs, improve automation, & elevate film quality. These add-ons ensure maximum flexibility for diverse applications such as packaging, lamination, shrink films, stretch films, & barrier films.

1. Automation & Process Control

- Automatic Gauge Control (AGC) System – Ensures uniform film thickness across the web.
- Gravimetric Dosing & Blending System – Accurate material proportioning and reduced wastage.

2. Film Quality Enhancement

- Corona or Plasma Surface Treatment – Better printability and laminate bonding.
- Electrostatic Pinning Device – Enhances layflat and improves film clarity.
- Inline Gusseting Unit – For producing gusseted film in a single pass.

3. Material Handling & Utility Upgrades

- Vacuum Auto Loaders with Dryers – Efficient feeding of raw materials.
- Online Flexo Printing Attachment – For inline Single Colour printing.

4. Advanced Winding Solutions

- Automatic Back to Back Two Station Winding System – Ensures perfect tension, roll density and smooth operation.

Two-Layer (A/B) Blown Film Line – Applications

1. Packaging Films

- Grocery bags
- Shopping bags
- T-shirt bags
- Carry bags
- Garbage bags / trash liners
- Industrial packing bags

2. Industrial & Commercial Applications

- Construction films
- General-purpose liners
- Box wrapping films
- Furniture and mattress packing
- PE sleeves & small-width rolls

3. Agricultural Films

- Mulching films
- Low-micron crop protection films
- Nursery bags
- Seedling bags

Why Two-Layer?

Better strength than monolayer, Allows combination of stiffness + saleability, Suitable for medium-duty packaging, Cost-effective production with improved film properties

MONOLAYER BLOWN FILM EXTRUSION LINE

Uniformity and Clarity in Every Roll



Applications



Technical Specification

Model	HECBL-45 (HM/LD)	HEBL-55 (HM/LD)	HEBL-65 (HM/LD)	HEBL-75 (HM/LD)	HEBL-90 (HM/LD)
Lay Flat Width	300-700 MM	400-1000 MM	600-1200 MM	800-1500 MM	1200-2000 MM
Film Thickness	20 -80 MICRON	20 -80 MICRON	20 -100 MICRON	40 -150 MICRON	40 -150 MICRON
Max. Output	55 kg/hr	55 kg/hr	55 kg/hr	55 kg/hr	200 kg/hr
Screw Dia (MM)	45-G	65-G	75-G	45-G	90-G

The Heaven Extrusions Monolayer Blown Film Extrusion Line is engineered to produce high-quality single-layer films with uniform thickness, excellent clarity, and superior mechanical strength. Ideal for flexible packaging, industrial films, shopping bags, liners, and agricultural films, this line provides consistent output and reliable performance.

Monolayer Blown Film Line adopts a lot of new technology such as higher Output Extrusion System, Energy Efficient screws, advance technology Spiral dies, High Precise Air Ring Cooling system to ensure consistent gauge profile with Uniform thickness and bubble stability, Bubble Stabilizing device, Rotating Die, Corona treatment Station, Inline Trimming and Slitting System and Surface type Film Winding unit. The line adopts automatic microcomputer control, equipped with colourful touch screen, integrated with HMI developed by ourselves to accomplish most of line operation, Control and achieve functions such as on-line help, Production Record, Safety protection and Start-up protection.

Whether producing PE, LDPE, LLDPE, or HDPE films, the line offers energy-efficient, high-speed operation, making it a preferred choice for converters and exporters seeking premium-quality monolayer films.

Optional Features

Enhance Performance • Improve Film Quality • Maximize Productivity

Our Multilayer Blown Film Line can be configure with a wide range of optional features to suit specific production needs, improve automation, & elevate film quality. These add-ons ensure maximum flexibility for diverse applications such as packaging, lamination, shrink films, stretch films, & barrier films.

1. Automation & Process Control

- Gravimetric Dosing & Blending System – Accurate material proportioning and reduced wastage.

2. Film Quality Enhancement

- Corona or Plasma Surface Treatment – Better printability and laminate bonding.
- Inline Gusseting Unit – For producing gusseted film in a single pass.

3. Material Handling & Utility Upgrades

- Vacuum Auto Loaders with Dryers – Efficient feeding of raw materials.
- Online Flexo Printing Attachment – For inline Single Colour printing.

4. Advanced Winding Solutions

- Automatic Back to Back Two Station Winding System – Ensures perfect tension, roll density and smooth operation.

Monolayer Blown Film Line - Applications

1. General Packaging Films

- Grocery bags
- Shopping bags
- Carry bags
- T-shirt bags
- Garment covers
- Garbage bags / trash liners

2. Consumer & Household Films

- Bread bags
- Vegetable bags
- PE wrapping films
- Daily-use thin gauge film
- Disposable covers

3. Agricultural Films

- Nursery bags
- Seedling bags
- Crop protection films

4. Construction & Infrastructure

- Waterproofing sheets
- Moisture barrier liners
- Cement bag liners

Why Monolayer?

Ideal for everyday packaging needs, Lowest operating and maintenance cost, Easy to run with different grades of recycled and virgin polymers, Perfect for high-volume, cost-effective film production

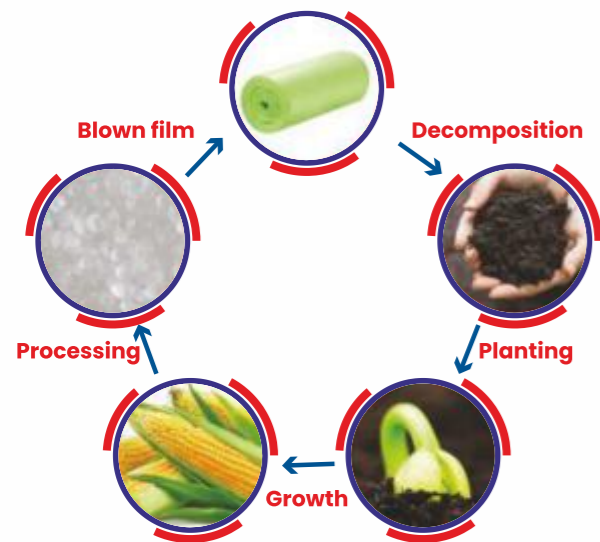
BIODEGRADABLE BAGS PRODUCTION LINE

Powerful Machines for Planet-Friendly Bags

Biodegradable Bags Production Line is available as under

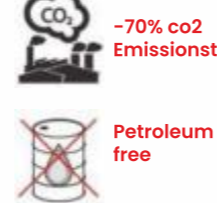
- 35 MM Biodegradable Compact Blown Film Plant with 25 kg/hr. Capacity (4 to 16 Inch)
- 45 MM Biodegradable Compact Blown Film Plant with 50 kg/hr. Capacity (6 to 28 Inch)
- 50 MM Biodegradable High-tech Blown Film Plant with 60 kg/hr. Capacity (12 to 32 Inch)
- Bottom Selling and Cutting bag making Machine with Photocell System
- PLC Based High Speed Hot Selling and cutting bag making Machine
- C-U-W Cut D-Punching Machine. Compact Model Recycling Machine

Biodegradable Life Cycle



Applications:

- Shopping Bags, Grocery Bags, T-Shirt Bags
- Refuse Bags, Laundry Bags and Garbage bag
- Garment Bags and Agriculture Mulching Film



Biodegradable Compact Blown Film Plant



Bottom Selling & Cutting Machine



D-Punching Machine



Biodegradable Blown Film Plant



Compact Model Recycling Machine



AIR BUBBLE FILM EXTRUSION LINE

Precision Extrusion for Superior Cushioning

The Heaven Extrusions Air Bubble Film Extrusion Line is engineered for high-quality bubble film production used in protective packaging, cushioning, and industrial applications. Designed with advanced twin-extruder systems, precision bubble dies, and stable cooling towers, the line ensures uniform bubble size, strong film strength, and excellent air retention.

This line supports single-layer & co-extrusion bubble films (A-B / A-B-A) for enhanced barrier & cushioning properties. Equipped with PLC + HMI control, automatic thickness & bubble diameter control, & high-speed winding systems, it delivers consistent quality at maximum productivity.

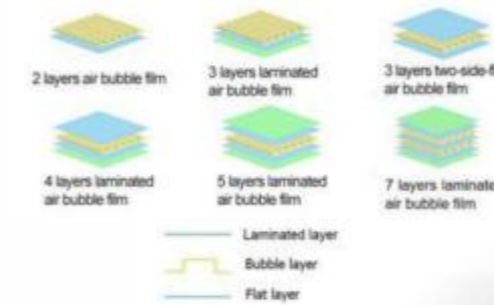
Whether producing packaging bubble wrap, anti-static bubble film, or industrial cushioning films, this line provides robust performance, energy efficiency, & low maintenance, suitable for both domestic & export markets.

Standard Features:

- High-output extruder with energy-efficient screw
- Precision bubble die with adjustable air ring
- Bubble diameter & thickness control via PLC + HMI
- Automatic winder (center or surface)
- Cooling tower for stable bubble formation
- Edge trimming and recycling

Optional Features:

- Multi-layer co-extrusion (A-B / A-B-A)
- Anti-static treatment
- Corona treatment
- Jumbo roll winder & lamination-ready output



Applications:

Protective Packaging for Electrical & Electronic Appliances, Industrial Cushioning & Bubble Insulation Film, Anti-Static Bubble Film for Glassware & Ceramic Product, Jumbo Roll Bubble Film for Engineering & Automobile Product, Cushioning film for Fragile items and Crafting Material, Protect Medical & Pharmaceutical Product, E-Commerce companies and Shopping Mall Uses



Technical Specification

Model	Screw Size (MM)	Die Width (MM)	Film Thickness Range in GSM	Max Line Speed (MPM)	Max Prod Capacity (KG/HR.)	Total Connected Load (KW)
HEABS/1000	70	1250	30 to 80	50	70	70 kw
HEABS/1200	80	1500	30 to 80	50	85	85 kw
HEABS/1500	90	1750	30 to 80	50	120	95 kw
HEABS/2000	100	2250	30 to 80	40	160	100 kw

CAST STRETCH FILM EXTRUSION LINE

Precision. Clarity. Performance.

Premium 2-Layer & 3-Layer Co-Extrusion Solutions

Heaven Extrusions' Cast Film Extrusion Lines are engineered to deliver world-class film quality, consistent thickness, and high-speed productivity for industrial, packaging, and lamination applications. Available in 2-layer (A-B) and 3-layer (A-B-A / A-B-C) configurations, these lines combine robust mechanical design, advanced extrusion technology, and smart automation to maximize output and reduce operational costs.

Why Heaven Cast Film Lines?

Consistent Film Quality : Mirror-finish chill rolls & melt pump technology ensure uniform thickness, optical clarity, & minimal defects.

High-Speed, High-Output : Designed for continuous 24x7 operation, achieving maximum productivity with minimal energy consumption.

Smart Automation : PLC + HMI controls, recipe memory, and process monitoring allow precision control of film width, thickness, and layer ratio.

Versatile Co-Extrusion Options : 2-layer or 3-layer co-extrusion enables barrier properties, lamination-ready films, and multi-functional packaging applications.

Minimal Waste, Maximum ROI : Edge-trimming with recycling, automatic winder, and tension control optimize efficiency and reduce material loss.

Standard Features

High-output screw & barrel, Mirror chill roll (dual-zone cooling), Fully Auto winder unit, Edge trim system + grinder, Touchscreen HMI with full diagnostics

Optional Upgrades

Co-Extrusion (A-B / A-B-A), Auto die lip control (ADC), Air knife for ultra-thin film, Static removal system, Inline surface treatment, Jumbo roll winder options

Applications

Flexible Packaging, Lamination Grade PE Film, Cling Film & Stretch Film, Industrial Protection Film, High-Transparency Film, Food & Pharma Packaging



Technical Specification

Model	Screw Size (MM)	Die Width (MM)	Film Thickness Range (MICRON)	Max Line Speed (MPM)	Max. Melting Capacity (KG/HR.)	Total Connected Load(KW)
HSCFL/1000	55/70/55	1250	20 to 75	125	100 to 120	85 kw
HSCFL/1500	65/90/65	1750	20 to 75	125	140 to 180	120 kw
HSCFL/2000	70/100/70	2250	20 to 75	100	200 to 220	160 kw

CAST EMBOSSED FILM EXTRUSION LINE

Precision Casting. Perfect Embossing

High-Quality Embossed Film Manufacturing Solution

The Cast Embossed Film Extrusion Line from Heaven Extrusions is engineered to deliver premium embossed films with exceptional clarity, softness, and surface texture. Designed for high-volume production, the line combines advanced casting technology with precise embossing to produce films ideal for hygiene, medical, agriculture, and industrial applications.

Product Highlights

- High-Output Extruder ensuring consistent melt quality for PE, PP, EVA & specialty polymers.
- Precision T-Die for flawless film thickness and superior optical properties.
- Efficient Chill Roll System for immediate cooling and smooth film formation.
- Advanced Embossing Station offering sharp, uniform micro/macro embossed patterns.
- Servo-Based Winding System for perfect roll formation and 24/7 high-speed stability.
- Intelligent PLC Control with real-time monitoring and recipe management.

Key Features

Robust construction for vibration-free operation, Auto edge guiding for accurate film alignment, Load-cell-based tension control for consistent winding, Turret or single-station winder options, Fast changeover and simple operation, Energy-efficient heating and cooling system

Applications

Our Cast Embossed Film Line is ideal for producing: Baby diaper PE back sheet film, Medical drape & surgical film, Mattress protector & hygiene film, Automotive industries film & Rubber Release film, Protection, cover & industrial embossed film



Technical Specification

Model	Screw Size (MM)	Die Width (MM)	Film Thickness Range (GSM)	Max Line Speed (MPM)	Max. Melting Capacity (KG/HR.)	Total Connected Load (KW)
HSCEFL/1000	75	1250	40 to 150	100	120	85 kw
HSCEFL/1500	90	1750	40 to 150	100	180	120 kw
HSCEFL/2000	110	2250	40 to 150	100	300	160 kw

PP/HDPE SHEET EXTRUSION LINE

Powering the Next Generation of Sheet Manufacturing

The Heaven Extrusions PP/HDPE Sheet Extrusion Line is designed for consistent, high-quality sheet production used across packaging, automotive, stationery, Geocell and thermoforming industries. Engineered for efficiency and durability, the line delivers excellent melt homogeneity, superior thickness accuracy, and smooth or embossed sheet surface finish. The line can handle PP/HDPE/PE/Recycling Granule/CaCO3 blends to producing sheets.

Key Features

High-Output Extruder: Equipped with a precision-engineered screw and barrel for superior melt quality and maximum throughput.

Advanced Die Design: T-Die with Chock bar and thickness control system ensuring uniform sheet profile.

Efficient Cooling & Calendaring: Heavy-duty three-roll polishing stack for excellent clarity, gloss, and controlled sheet thickness.

High-Performance Take-off Unit: Ensures smooth sheet flow and excellent surface finish.

Automatic Winder System: Centre winder for neat and consistent roll formation.

Smart PLC Control Panel: Easy operation with real-time monitoring, data logging, and recipe management.

Applications

- Thermoformed containers & trays
- Automotive interior parts
- Stationery products (files, folders, sheets)
- Packaging sheets
- Industrial liners
- HDPE Geocell Sheet
- PP/HDPE board production

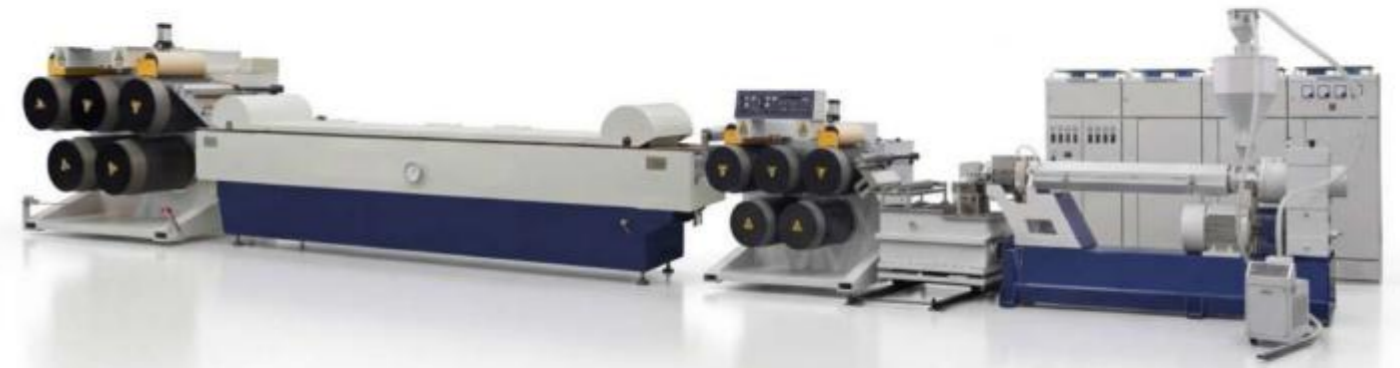


Technical Specification

Model	Extruder (MM)	Width (MM)	Output (KG/HR.)	Thickness (MM)	Line Speed (MPM)
HESEL/650	65	650	150-250	0.5-3	3-10
HESEL/850	75	850	250-350	0.5-4	3-12
HESEL/1100	90	1100	350-500	0.5-5	4-15
HESEL/1400	100	1400	450-600	0.5-6	5-15
HESEL/1600	120	1600	600-800	0.5-8	5-18

PP/HDPE/PE MONOFILAMENT EXTRUSION LINE

Excellence in Stretching, Strength & Stability



The Heaven Extrusions PP/HDPE Monofilament Extrusion Line is engineered for producing high-strength, uniform monofilaments used in brush filaments, brooms, fishing lines, ropes, industrial fabrics, and filter applications.

This line features precision extruders, high-quality die heads, and advanced cooling and take-up systems, ensuring consistent filament diameter, excellent mechanical strength, and superior surface finish. Equipped with PLC-HMI automation, high-speed winding units, and tension control, the line delivers stable operation, minimal waste, and high production efficiency.

Capable of processing PP, HDPE, PE with blended resins, this line is ideal for industrial and export-grade monofilament applications, offering flexibility, precision, and energy-efficient operation.

Applications

- Thermoformed containers & trays
- Automotive interior parts
- Stationery products (files, folders, sheets)



Technical Specification

Model	Extruder Dia. (MM)	Output (KG/HR.)	Filament Diameter (MM)	Line Speed (MPM)
HEMF/70	70	50-100	0.10-1.00	50-150
HEMF/80	80	100-150	0.10-1.00	50-150
HEMF/90	90	150-200	0.20-2.00	70-180

PP/PET BOX STRAPPING EXTRUSION LINE

Strong Straps. Reliable Packaging

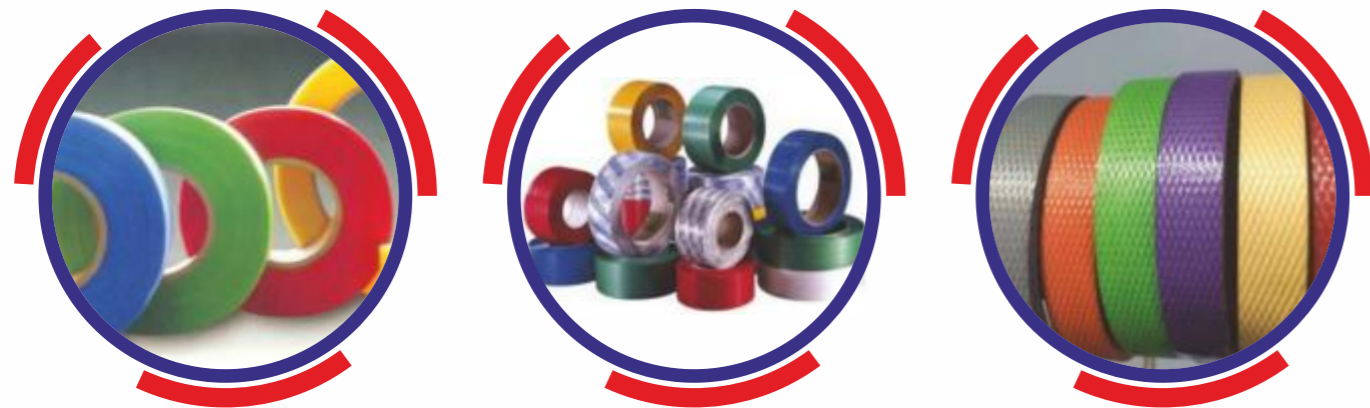
Heaven extrusions PP/PET Box Strapping Extrusion Line High-performance line designed for producing strong, uniform, and durable PP/PET strapping tapes for packaging and bundling applications.

Key Features

- Produces PP strapping tapes with consistent width & thickness
- High-strength output for packaging & industrial use
- PLC-HMI automation with precise thickness & tension control
- Energy-efficient extruder & die system
- Optional winder for jumbo rolls

Applications

- Box & carton strapping Ceramic Industries
- Pallet bundling, Industrial Packaging
- Textile Industries and Cotton Industries



PP/HDPE BALER TWINE EXTRUDER LINE

Tough Twines. Maximum Reliability

Heaven Extrusions PP/HDPE Baler Twine Extruder Line Advanced extrusion line for producing high-strength PP/HDPE baler twines for agricultural, industrial, and packaging applications.

Key Features

- Produces uniform twines with controlled diameter and high tensile strength
- PLC-HMI automation with tension and speed control
- High-speed extrusion with minimal downtime
- Energy-efficient extruders & precision die
- Optional winder for large bobbins

Applications

- Agricultural baling & packaging
- Industrial tying & binding
- Export-grade twines



ROTOGRAVURE PRINTING MACHINE

Where Precision Meets Perfection in Printing

Heaven Extrusions Rotogravure Printing Machine is engineered for high-speed, high-quality printing on flexible packaging substrates such as BOPP, PET, LDPE, HDPE, PVC and Paper With precise ink transfer, consistent print registration, and robust mechanical design, it ensures world-class printing results for converters and packaging manufacturers.

Key Features

- Up to Eight Colour High-Speed Printing with Max.300 m/min Line Speed.
- Advanced auto-registration system ensuring accurate color-to-color alignment.
- Energy-Efficient Drying System for fast ink drying and energy savings.
- Dynamic Web Tension Control for smooth material flow and wrinkle-free printing.
- Quick Job Changeover for faster setup and reduced downtime.
- User-friendly controls, excellent accessibility, and low maintenance construction.
- Advanced PLC + HMI Panel

Applications

- Food packaging, Pharma packaging
- FMCG wrappers, Laminated rolls
- Shopping bags, Label printing
- Multicolour flexible packaging



FLEXOGRAPHY PRINTING MACHINE

Where Precision Meets Perfection in Printing

Heaven Extrusions Flexographic Printing Machine is design for high-speed and versatile printing on a wide range of substrates including LDPE, HDPE, PP, BOPP, Paper, Nonwoven Fabric, and Laminates. With precise Anilox technology, advanced tension control, and ergonomic operation, it delivers sharp, consistent, and cost-effective printing for the packaging and converting industry.

Key Features

- Up to Eight Colour High-Speed Printing with Max. 80 m/min Line Speed.
- Advanced Anilox Roll Technology Ensures uniform ink transfer and excellent print sharpness.
- Auto Register system for perfect colour-to-colour alignment.
- Efficient Drying System with electric heater.
- Automatic Web Tension Control
- Quick Changeover System reducing downtime and increasing production.
- PLC + HMI Based Operation

Applications

- Shopping bags & carry bags
- Food packaging rolls
- Nonwoven bag printing
- Pharmaceutical packaging
- Industrial wrapping films
- Multicolour flexible packaging
- Labels & tags

