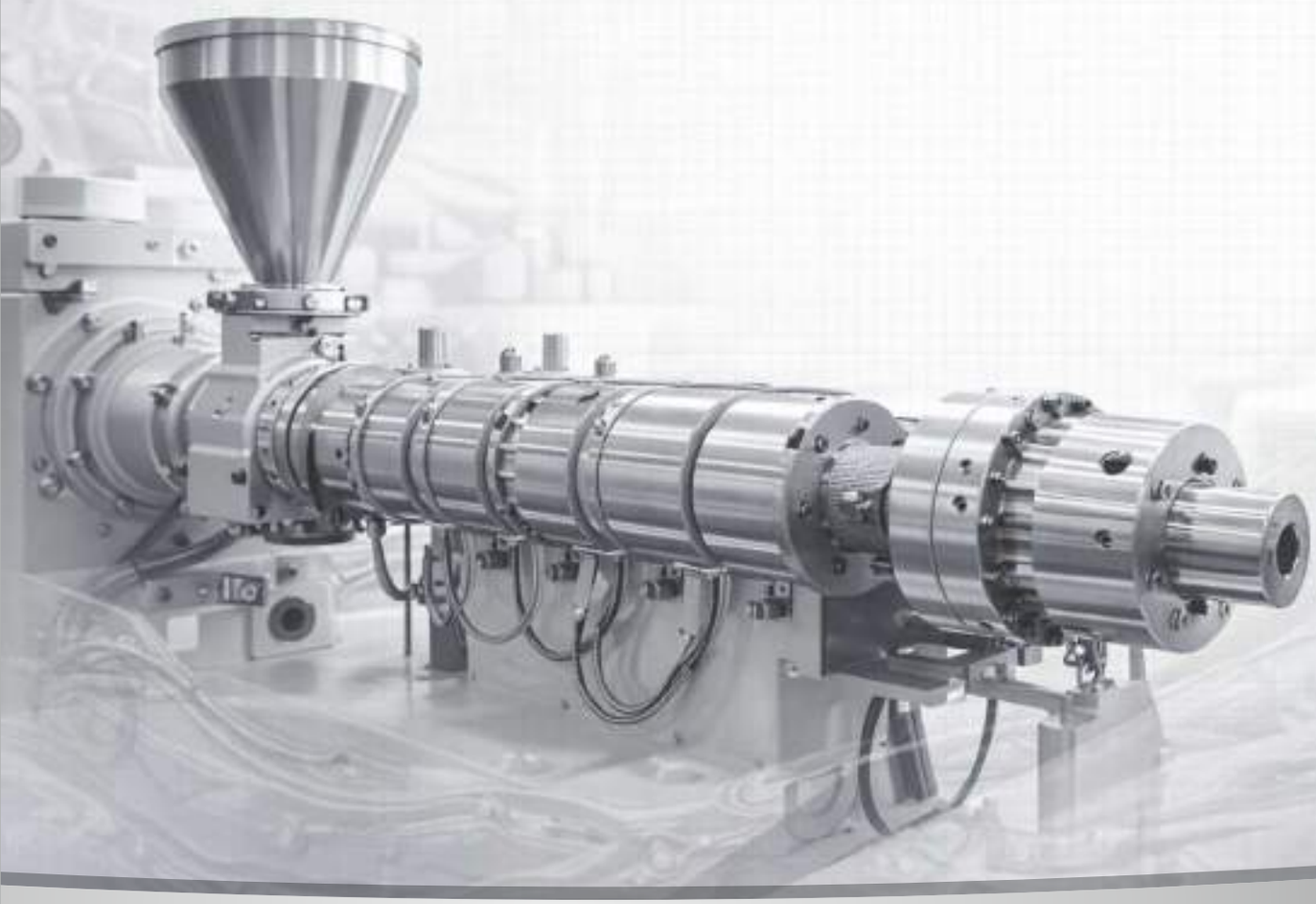
RADHE KRISHNA
SINCE 1992 EXTRUSIONS

extrutech
Quest for the best

EXTRUSION
MACHINERY & SOLUTIONS

- Screw & Barrel
- Pipe Extrusion Lines
- Blown Film Plants
- Soft PVC Profile Plants
- Pulverizer & Grinder
- Compounding Plant
- Injection Moulding
- Laboratory Equipment
- High Speed Heater & Cooler Mixer

From R&D Trials to High-Output Production
• Precision Engineering • Turnkey Extrusion Lines • Global Service Support



www.extrutech.in

One Engineering Base.
Multiple Industries.

Solutions for pipe, film, hose, profile,
compounding and custom extrusion applications.

OUR **CORE STRENGTH**

100K
SQ. FT.
MFG. AREA

5000+
SUCCESSFUL
INSTALLATIONS

50+
COUNTRIES
EXPORT

97%
CLIENT
RETENTION

100%
IN-HOUSE
MFG.

PRECISION
ENGINEERING
EXCELLENCE

TURNKEY
PROJECT
EXECUTION

HIGH OUTPUT
PRODUCTION
SYSTEMS

TRUSTED BY **INDUSTRY LEADERS**

DOMESTIC CUSTOMERS ⟷ GLOBAL CUSTOMERS

ASTRAL PIPES · Supreme · PRINCE · aliaxis · PRAN · RFL · Qplast
APL APOLLO · Jain Irrigation Systems Ltd. · DUTRON · FLO-TEK · Anabeeb Oman · UPMC
KOTHARI PIPES · CKA Birla Group · Welspun · KRAH · Abu Dhabi Cable Factory · GALAXY
ashirvad by aliaxis · UTKARSH · wavin · MBA · PIPE MAKERS

And many more customers worldwide - growing every year through referrals, repeat orders, and long-term trust.

MILESTONE - **HISTORY**

01 Established by three partners as M/s. Shree Krishna Industries, starting with 80 yards of land area located in Narol, laying the foundation for long-term manufacturing excellence.

02 Formed as Shree Radhekrishna Engineering Company, strengthening our identity and expanding our commitment to precision engineering.

03 Started our first manufacturing unit in Vatva, Ahmedabad, marking the beginning of scalable industrial production.

04 Expanded further with our second manufacturing unit in Vatva, Ahmedabad, increasing capacity to meet growing customer demand.

05 Purchased Latest Technology CNC Thread Milling Machines for screw manufacturing, enabling higher accuracy, repeatability, and premium product finishing.

06 Installed in house Nitriding Facility to provide a better quality of products, improving wear resistance and enhancing product life.

07 Started manufacturing of High Speed Heater Cooler Mixer Machines, entering advanced machinery solutions with reliable output performance.

08 Formed as Shree Radhekrishna Extrusions Pvt. Ltd., scaling operations with a stronger corporate presence and global manufacturing vision.

09 Purchased Latest Technology Twin CNC Deep Hole Machines to achieve better quality in the barrel, improving internal precision & performance stability.

10 Installed CNC Gun drilling facility for quality work and best production, ensuring superior straightness, accuracy & high-end manufacturing output.

11 Shifted our manufacturing unit to Dhamatvan, spread in 1,00,000 Sq. Feet, creating a strong, future-ready production infrastructure.

12 Ventured into all kind of Plastic and PVC Pipe Extrusion Lines with our First PVC Extrusion Plant & Garden Pipe Plant (Harsh Polypack Pvt Ltd.), delivering reliable turnkey solutions.

13 Delivered our First HDPE Extrusion Plant (Ashirvad Pipe) Bhiwadi, expanding into high-performance pipe extrusion applications.

14 Successfully executed First CPVC extrusion plants at fine blow polymers pvt ltd. (Formally known us Leo Plast) & First reprocess plant at Campus Polyplastpvt ltd., strengthening our extrusion line expertise across segments.

15 Set up all new machine manufacturing division with name of Shree Radhekrishna Extrutech Pvt. Ltd. and ventured into all kind of film plant, expanding into high-growth packaging and film markets.

16 Launched 3 layer blown film plant at PLEXPO Exhibition & added multiple CNC Thread milling machine for Screw Barrel, reinforcing our leadership in high-quality film extrusion & screw-barrel manufacturing capacity.

17 Showcasing & launching Lab Models - introducing compact, high-precision R&D and pilot-scale extrusion solutions for faster trials, material development & customer demonstrations.

OUR RANGE OF PRODUCTS

- Screw & Barrel Sets (Extrusion)
- Screw & Barrel Sets (Injection Moulding)
- Single / Twin / Conical Screw Barrel sets
- Twin Screw Elements and Segments
- Reconditioning and Refurbishment
- Coatings and Wear-Protection Upgrades
- Mixing Systems
- Size Reduction (Grinder & Pulverizer)
- Extruders (Industrial + R&D)
- Pipe Extrusion Lines
- SPVC Hose / Pipe Extrusion Lines
- Soft PVC Profile Extrusion Line
- Downstream for Pipe Lines
- Blown Film Plants
- Injection Molding Machines
- Lab Models

Infrastructure

INTEGRATED WORLD CLASS FACILITIES

Shree Radhekrishna Extru tech Pvt. Ltd. has emerged as India's largest manufacturer of screws -barrels with state-of-the-art manufacturing set up at Ahmedabad. The Factory is set up in the area of 100000 sq ft with machining facility based on CNC & DRO and also in house Nitriding furnace The same facility also builds a variety of plastic processing machinery and spares to cater to the ever-growing needs of customers .

HIGH-QUALITY TEAM

The company employees 150 devoted manpower including 30 skilled engineers from different fields. R & D department is manned with skilled and experienced engineers. The other business functions are staffed by higher caliber and qualified experts.


Reception


Waiting Lounge


Executive Lounge


Business Head Office


MD's Office


MD's Meeting Lounge


Meeting Room


Marketing Area

Manufacturing Facillities

Sr. No.	Machine Type	Number of Machine
1	CNC thread Milling Machines	8
2	CNC Turning Centre	3
3	Lathe Machines	23
4	CNC Deep Hole Twin bore machine	1
5	CNC Deep Hole Machine	1
6	CNC Gun Drilling Machine	1
7	Honning Machine	2
8	Screw Polishing Machine	4
9	VMC Machine	2

Sr. No.	Machine Type	Number of Machine
10	Cylindrical Grinding Machine	2
11	Redial Drilling Machine	3
12	CNC Gear Hobbing Machine	2
13	Screw Straightening Press Machines	2
14	Nitriding Furnace	2
15	Manual Thread Milling	4
16	Horizontal Boring Machine	4
17	Screw Coating facility	1

Turning Center Machine

Gun Drill Machine

VMC Machine

Screw Thread milling machine

Screw Thread Milling Machine

Dedicated Quality Team

Gas Nitriding furnace

RADHE KRISHNA
EXTRUSIONS

Since 1992 - Precision That Performs

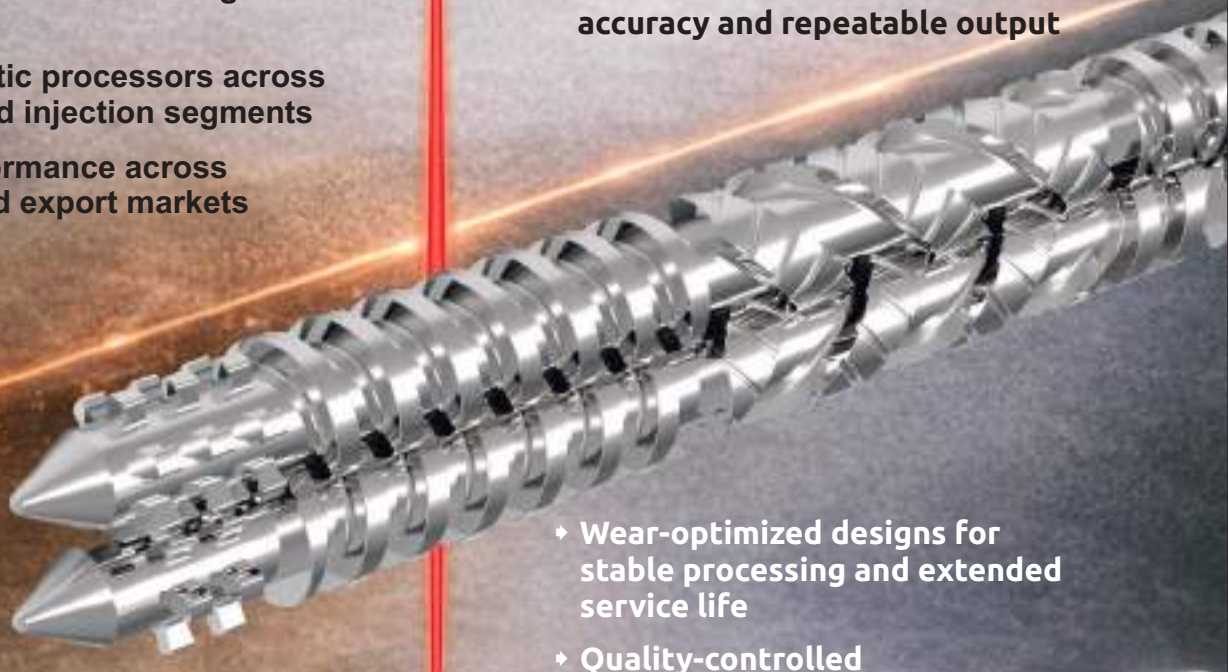
Engineered screw & barrel solutions for demanding extrusion & injection applications

Built on Three Decades of Manufacturing Experience

- Focused exclusively on screw & barrel manufacturing since 1992
- Strong process knowledge backed by skilled machining and metallurgy
- Serving plastic processors across extrusion and injection segments
- Proven performance across domestic and export markets

Designed for Reliable, Long-Term Performance

- Nitrided and bimetallic screw & barrel solutions for varied duty cycles
- CNC-machined for dimensional accuracy and repeatable output



- Wear-optimized designs for stable processing and extended service life
- Quality-controlled manufacturing aligned with global supply requirements

SINCE 1992

The Difference you Measure in Output.

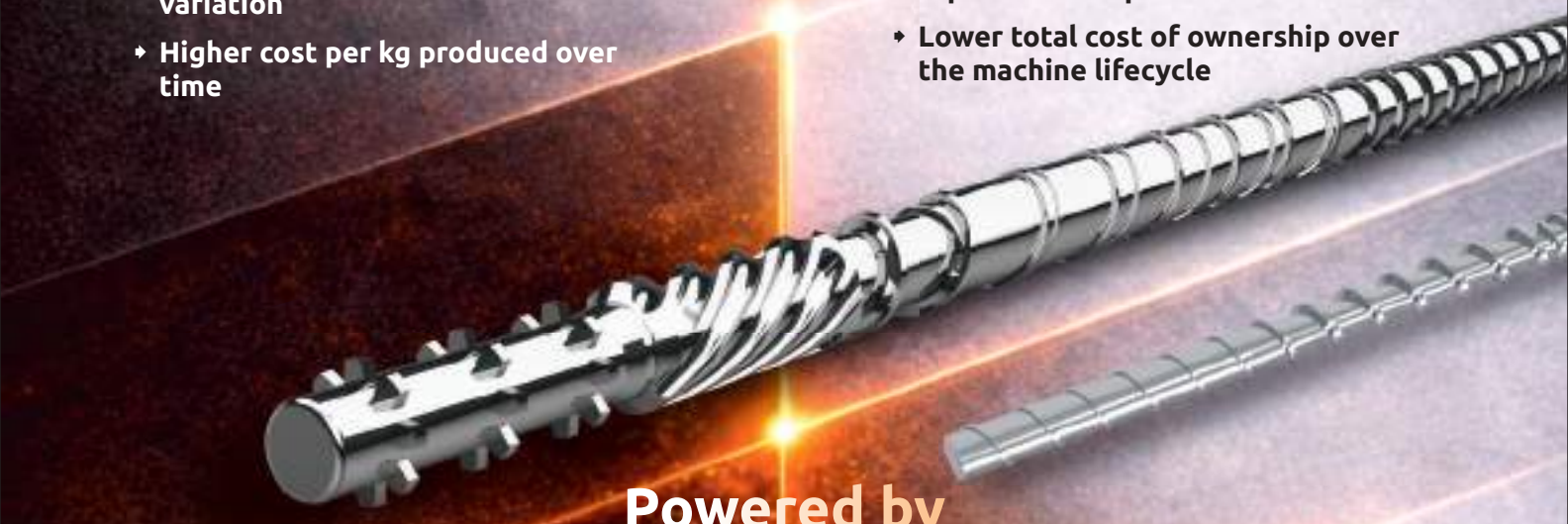
✗ Ordinary Screw

- Limited & unpredictable service life
- Accelerated wear with abrasive or filled materials
- Frequent stoppages for repair or re-machining
- Inconsistent melt flow and output variation
- Higher cost per kg produced over time

VS

✓ Radhe Krishna Screw

- Engineered for long-term, stable production
- Enhanced wear resistance across common polymers
- Refurbishable design for extended usable life
- Consistent processing and repeatable output
- Lower total cost of ownership over the machine lifecycle



Powered by Specialized Series

RK9999 LIGHTNING SERIES

Optimized screw designs delivering **faster response, smoother processing,** and improved overall efficiency across a wide range of applications.

EXTRUMAX SERIES

High-performance screws engineered for maximum output, superior wear resistance, and demanding production environments involving fillers and abrasive blends.

Built from the Inside Out

Where Metallurgy, Geometry, and Control Come Together

Built for Continuous Industrial Duty

65–68 HRC | Through-Hardness

- Deep diffusion nitriding for fatigue strength
- Stable hardness profile for long service life
- Reliable performance under continuous load

Flow Control at Production Scale

Micron-Level Accuracy

- CNC-machined flight profiles
- Optimized melt conveyance and pressure stability
- Reduced wear with consistent output

Protection for High-Load Processing Zones

HVOF | Super Abrasion Resistant

- Dense, crack-free WC coating
- Designed for abrasive and filled polymers
- Significantly extended wear life in high-duty zones

Bore Integrity Over Extended Service Life

Surface Hardness & Corrosion Protection

- Uniform nitrided layer for bore stability
- Enhanced resistance to wear and corrosion
- Compatible with coated and nitrided screws

ENGINEERED FOR REAL PRODUCTION

Built to endure high-abrasion plastics processing through advanced metallurgy and in-house manufacturing control.

Engineered to Perform Across Diverse Plastic Processing Applications

PIPES

Optimized screw and barrel designs for consistent melt flow, dimensional stability, and extended wear life in pressure and non-pressure pipe extrusion.

FILMS AND SHEETS

Designed for uniform melt conveyance, gauge consistency, and dimensional accuracy across blown and cast film applications.

INJECTION & BLOW MOLDING

Precision-engineered screw designs deliver repeatable shot-to-shot consistency in injection molding and uniform parison control in blow molding for high-quality molded parts.

MEDICAL & PHARMA

High-quality processing solutions for medical-grade polymers, where stability, repeatability, and surface integrity are critical.

CABLE & WIRE

Nitrided and wear-resistant screw & barrel solutions for insulation and jacketing, delivering reliable performance under continuous operation.

COMPOUNDING, MASTER BATCH & RECYCLING

Wear-protected geometries and coatings engineered to handle regrind, contaminated streams, and filled materials with improved service life.

PROFILES

Engineered for dimensional accuracy, smooth surface quality, and stable output in window, door, and structural profile extrusion.

- **Superior Wear Resistance**
- **Consistent Throughput**
- **Refurbishable Design**
- **Long-Term Control**

RADHE KRISHNA EXTRUSIONS
SINCE 1992

SHREE RADHEKRISHNA EXTRUTECH PVT. LTD.

Manufacturing Plant : Plot No. : 9, Sardar Patel Estate, Dhamatvan, Ahmedabad - 382435, Gujarat, India.

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info@radhekrishnaexports.com | www.radhekrishnaexports.com

One Platform.
Multiple Pipe Applications.

Engineered for CPVC, UPVC and OPVC pipe solutions across plumbing, infrastructure, agriculture, industrial and utility applications.

Corrosion Resistant

Long Life & Reliable

High Pressure Performance

Safe, Non-Toxic & Eco-Friendly

Built for Today. Ready for Tomorrow.

Twin-Screw CPVC / UPVC / OPVC Pipe Extrusion Lines

Extrutech leads the way in high-performance CPVC, UPVC and OPVC pipe extrusion. Our cutting-edge single- and twin-screw (parallel or conical) plants deliver pinpoint control, maximum throughput and rock-solid reliability - so you get flawless pipe quality with every run.

Why Choose Our Twin-Screw Lines?

- Versatile Material Capability: Engineered for CPVC, UPVC and OPVC formulations, from rigid conduits to specialty chemical pipe.
- Advanced Screw & Barrel Technology: Parallel or conical twin-screw configurations optimize melt mixing, pressure control and output consistency.
- Precision & Efficiency: State-of-the-art drive systems and barrel heating zones ensure tight tolerances and minimal energy use.
- Durability & Low Maintenance: Heavy-duty components withstand continuous operation for years of trouble-free production.
- Scalable Output: Modular design scales from small to mega-scale plants, adapting to your evolving production needs.

CPVC Model Range

Our ETCP series offers screw diameters from 66 mm to 110 mm, delivering 120-400 kg/hr of premium CPVC pipe.

Versatile Applications

Whether you're supplying high-flow irrigation, precision plumbing, deep-well casings or structural column piping, Extrutech's twin-screw PVC lines deliver the reliability and consistency you demand.




High-Impact Features

- Optimized Screw Geometry: Special screw profiles maximize material throughput while minimizing energy consumption-so you get more pipe per kilowatt.
- Gentle Plasticizing: Advanced feed sections reduce polymer shear, ensuring an exceptionally smooth melt and superior final pipe quality.
- Tailored End - Product Performance: Consistently produce pipes that meet your exact industry specifications, every run.
- Low - Cost Operation: High output at reduced power draw slashes your operating expenses.
- Maintenance - Free Cooling: Self-regulating cooling circuits maintain ideal temperatures for uninterrupted operation.
- Rugged Gearboxes: Heavy-duty thrust gear assemblies guarantee long life and dependable performance under heavy loads.
- Precision Drives: High-rated AC motors ensure seamless synchronization, delivering tight dimensional tolerances.
- Enhanced Protection: State-of-the-art thermal and mechanical safeguards keep your line running safely around the clock.
- Advanced Cooling Tech: Precision barrel cooling ensures uniform extrusion pressure and exceptional surface finish.
- Cutting-Edge Controls: Integrated automation and recipe management deliver repeatable results at the push of a button.

PVC Model Range

Offered with screw diameters from 52 mm to 135 mm, our ETPV series covers output ranges from 100 kg/hr to 1500 kg/hr, so you can match capacity to demand.

One Mixing Platform.
Multiple Material Applications.

Engineered for high-speed heating and cooling of powders, additives and compounds across plastics, minerals, rubber and specialty material applications.

1. PVC Dry Blend
PVC preparation / E-PVC blending

2. ABS + Fillers
Engineering plastic powder mixing with fillers & auxiliaries

3. Rubber Compounds
Preparation of rubber mixtures or premixes

4. Pigment & Additive Premix
Pigments, lubricants & additives blended into plastic powders

5. Food & Medical Powders
Hygienic powder mixing for food grade and medical applications

6. Cosmetic & Ceramic Compounds
Blending of fine specialty powders for cosmetics and ceramic products

7. Mineral Applications
Industrial mineral powder blending and conditioning

8. Stabilizer Batches
Preparation of different stabilized powder batches

9. Masterbatch Compounds
Masterbatch or additive compound preparation

Fast & Uniform Mixing

High Yield & Low Waste

Consistent Batch Quality

Robust Industrial Build

Ready for Diverse Formulations

High-Speed Heater & Cooler Mixer Machine

Precision Grinding for High-Yield, Low-Waste Recycling: Transform plastic scrap into uniform, ready-to-reprocess granules with Extrutech's high-performance Grinder Machines. Engineered for robustness and quiet operation, they convert films, sprues, moulded parts, pipes and profiles into consistent pellets.

Heater Mixer

- Friction-Driven Heating: High-speed mixing generates heat in-line.
- Homogeneous Mixing: Precision blades ensure rapid, uniform dispersion.
- Versatile Applications: Ideal for masterbatch, PVC, rubber compounds, adhesives, and more.

Cooler Mixer

- Integrated Cooling Ring: Maximizes heat exchange for fast, uniform temperature drop.
- Safe Storage Temperature: Lowers mix to handling-safe levels in-process.
- Slidable Lid Design: Accessible interior simplifies cleaning and maintenance.

Why Choose Extrutech Mixer Systems?

- All-in-One Workflow: Heat, mix, and cool in a continuous, automated line.
- Energy-Savvy Operation: Friction heating and efficient cooling minimize utility costs.
- Robust Construction: Heavy-duty frame and stainless-steel vessel deliver long service life.
- Simple Maintenance: Tool-free access panels keep downtime to a minimum.

Applications




- PVC preparations including E-PVC
- Mixing ABS powder with filler & auxiliary components
- Preparation of rubber mixtures
- Lubricants or pigment on plastic powder basis
- Foodstuff and medical powder application
- Cosmetic and ceramic product compound
- Mineral application
- Preparation of different batches with stabilizers
- Masterbatch application

Advanced Mixer Technology - Key Features & Benefits

- Durable Stainless-Steel Vessel: Corrosion- and abrasion-resistant for long service life.
- Polished Interior & Discharge: Deposit-free, tool-less cleaning ensures rapid, complete discharge.
- Adjustable Self-Purging Blades: Height-adjustable stainless-steel tools deliver uniform batches (up to 5 hot mixes/hour).
- Pneuma-Seal Deflector: Shields bearings and optimizes mixing flow.
- Thermowell Temperature Control: Real-time sensing for precise thermal management.
- Twin-Jacket Heating/Cooling: Forced-circulation jacket enables rapid heat-up or cool-down.
- Optional Integrated Chopper: Custom agglomerate sizing and lump elimination in one step.
- Dual-Speed Drive Motor: Switchable torque/speed modes for max throughput with minimal power draw.
- Programmable Touchscreen Controls: Recipe storage and automated adjustments for repeatable, high-quality output.

Model Range

Offered in batch sizes from 3 kg to 400 kg and hourly outputs from 15 kg/hr to 2000 kg/hr, our ET series scales from lab-scale trials to high-volume production.

Grinder Machine

Precision Grinding for High-Yield, Low-Waste Recycling: Transform plastic scrap into uniform, ready-to-reprocess granules with Extrutech's high-performance Grinder Machines. Engineered for robustness and quiet operation, they convert films, sprues, moulded parts, pipes and profiles into consistent pellets.

Why Choose Extrutech Grinders?

- Built to Last: Heavy-duty steel chassis delivers long-term stability and rock-solid durability.
- Maximum Throughput: Optimized blade geometry maximizes material flow whille minimizing dust and fines.
- Effortless Maintenance: User-friendly access and tool-free cover removal let you clean and service in minutes.
- Energy-Smart Operation: High-efficiency motor and rugged rotor system consume less power per kilogram.
- Universal Compatibility: Ideal for HDPE, LDPE, PP, PVC and PET across films, profiles and rigid parts.

Perfect For:

- Plastic processing units
- Regrind operations
- In-house scrap management
- Recycling facilities

Model Range

Our lineup spans ETG 12 through ETG 30-covering 5HP to 40 HP motors with outputs from 100 to 500 kg/hr.

Pulverizer Machine

Fine Powder Solutions for High-Quality Reprocessing: Transform plastic granules into uniform, industry-grade powders with Extrutech's robust Pulverizer Machines. Engineered for precision and high throughput, they deliver consistent particle size-ideal for rotomolding, masterbatch, compounding and coating applications.

Why Choose Extrutech Pulverizers ?

- Consistent, Uniform Powder Quality: Precision-engineered disc and blade assembly guarantees identical particle size every run.
- High-Speed Grinding: Optimized rotor design delivers rapid throughput while controlling temperature rise to protect material integrity.
- Adjustable Particle Sizing: Easy-set gap system lets you switch from coarse to ultra-fine in minutes.
- Rugged, Low-Maintenance Construction: Heavy-duty frame and advanced cooling circuits ensure long service life with minimal downtime.
- User-Friendly Operation: Intuitive controls and tool-free access panels make cleaning and changeovers fast and safe.
- Energy-Efficient Performance: Durable motors and efficient drive trains minimize power draw per kilogram processed.

Ideal Applications

- PVC pipe & profile
- Roto-molding feedstock
- DPC boards & profiles.
- Masterbatch production

Model Range

Our lineup spans ETP 300 through ETP 600 series - 15HP to 100 HP motors delivering 80-500kg/hr.

One Pipe Platform.
Multiple HDPE & PPR Applications.

Engineered for HDPE and PPR pipe solutions across
water supply, irrigation, drainage, industrial and utility applications.

High Pressure Performance

Corrosion Resistant

Long Life & Reliable

Built for Continuous Output

Ready for Diverse Pipe Applications

HDPE/PPR Pipe Extrusion Lines

Engineered for High-Precision, High-Throughput Pipe Production: Extrutech's single - screw extrusion lines combine optimally matched components, advanced automation and tailor-made configurations to deliver premium PE pipes-consistently

Why Choose Extrutech Pipe Lines?

- Peak Efficiency: 40 L/D extruders deliver exceptional linear output and extrusion performance.
- Uniform Flow: Grooved-feed design guarantees even polymer distribution for flawless pipe walls.
- Large Diameter Capacity: Seamlessly handles pipes up to 630 mm in diameter.
- Minimal Waste: Negligible start-up loss cuts material costs.
- Intuitive Controls: User-friendly interface and quick-start operation maximize uptime.
- Energy-Smart: Optimized for lower power draw and reduced operating expenses.
- High Throughput: Reliable output up to 2200 kg/hr meets the most demanding schedules.
- Precision Cutting: Chip-less technology produces clean, burr-free pipe ends.
- Fast Commissioning: Simple start-up accelerates ROI and production readiness.

Applications

Power your projects with Extrutech pipe lines:




- Flood Irrigation: (suction & delivery in pump sets)
- Sprinkler Irrigation: (crops, lawns, golf courses, gardens)
- Drip Irrigation: (plantations, orchards, nurseries)
- Sewage & Industrial Effluent Disposal: (domestic, sanitary, petrochemical, fertilizer)
- Drainage Pipes: (surface/rainwater, wastewater mains, sub-soil)
- Water Supply: (portable, mains, distribution)
- Ducting: (HVAC, fume extraction, OFC conduits)
- Electrical Conduits

Model Range

- Extrutech 40 Series: Screw diameters 45-120 mm; main motor 132-560 kW; 40:1L/D; output 450-2200 kg/hr - for heavy-duty, high-capacity pipe production.
- Extrutech 37 Series: Screw diameters 45-120 mm; main motor 75-250 kW; 37:1L/D; output 220-850 kg/hr - ideal for mid-range lines balancing flexibility and efficiency..

Elevate your HDPE/PPR pipe manufacturing with precision engineering, minimal waste and unwavering reliability-run longer, run smarter with Extrutech.

One Flexible Extrusion Platform.

Multiple SPVC & Specialty Product Applications.

Engineered for SPVC hoses, fire hose pipes, LD layflat pipes, soft PVC profiles, medical tubing and heat shrink tube applications across utility, industrial, agriculture, healthcare and electrical markets.

Versatile Product Capability	Flexible & Durable Output	Built for Multiple Industries	Smooth, Reliable Processing	Ready for Utility, Medical & Electrical Uses

Garden Hose Extrusion Plant

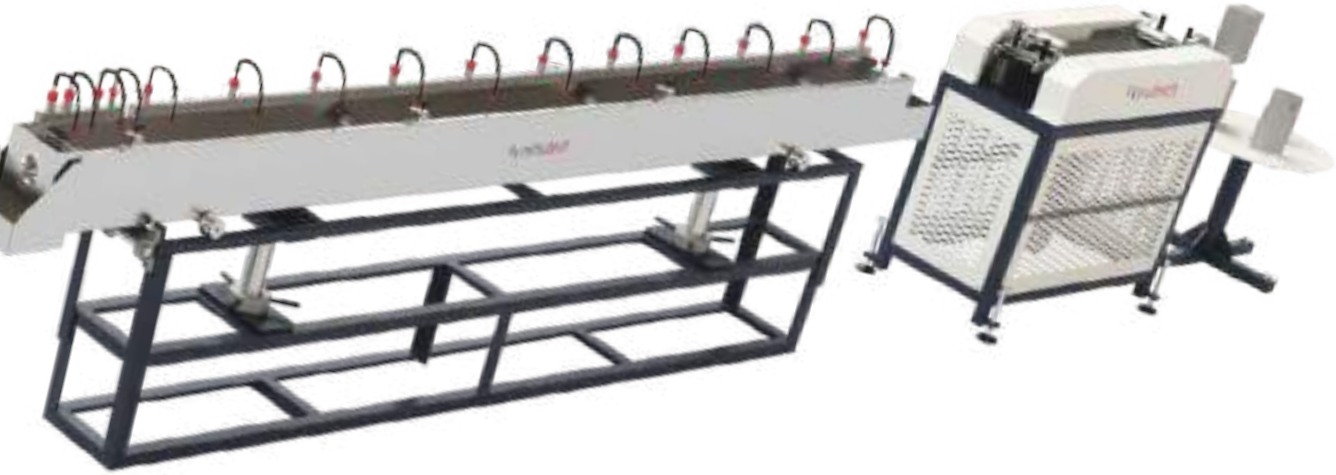
Precision PVC Tubing for Water & Chemical Transfer: PVC flexible tubing-also known as vinyl tubing-engineered for reliable water and chemical transfers with exceptional efficiency and durability.

Key Advantages

- Quiet Operation: Precision-ground gears cut noise and vibration.
- Reliable Bearings: Deliver consistent, long-term performance.
- Clean Cuts: Pneumatic cutter ensures burr-free hose ends.
- Streamlined Setup: Standardized design for fast commissioning and high throughput.
- Quick Maintenance: Tool-free shaft swap slashes downtime.
- High-Power Drive: Robust motor enhances extrusion stability.
- Energy Efficient: Low power draw reduces operating costs.

Applications



- Food Transfer
- Beverage Transfer
- Fuel Transfer
- Water Transfer
- Pharmaceutical & Biotechnology
- Chemical Transfer

Model Range

- ET-65/28-11-60: Single-screw extruder with a 65 mm screw (11.25 kW); 60 kg/hr output; 25 kW total load
- ET-75/28-15-80: Single-screw extruder with a 75 mm screw (15 kW); 80 kg/hr output; 33 kW total load
- ET-90/28-18-100: Single-screw extruder with a 90 mm screw (18.75 kW); 100 kg/hr output; 47 kW total load

One Braided Hose Platform.
Multiple Braided Hose Applications.

Engineered for PVC braided hose solutions across agriculture, drainage, chemical transfer, construction, pneumatic and utility applications.

- High Pressure Strength
- Crystal Clear Flow
- Lightweight & Flexible
- Built for Continuous Output
- Ready for Multiple Industries

Braided Hose Pipe Extrusion Plant

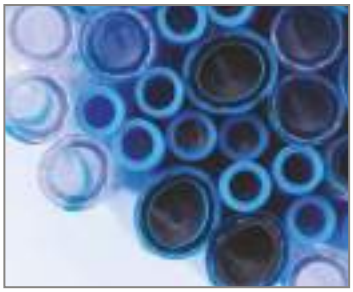
Engineer PVC braided hoses that stand up to high pressure, stay lightweight, and deliver crystal-clear flow monitoring-so you can boost throughput, spot blockages in seconds, and slash downtime.

Why Choose Our Braided Hose Lines?

- High-Pressure Strength: Durable PVC braid withstands the toughest service while staying lighter than rubber.
- Effortless Flow: Ultra-smooth inner bore minimizes friction for superior fluid transfer.
- Instant Visibility: Crystal-clear tubing exposes air locks and clogs at a glance.
- Energy-Smart Operation: Precision reduction & distribution system cuts power use and lowers costs.
- Rock-Solid Reliability: Precision-machined screws plus advanced electrical and temperature controls ensure consistent output shift after shift.
- Built for Longevity: Robust structural design delivers years of dependable performance.
- Premium Finish: Seamless hose surface reduces post-processing labor and waste.

Applications



- Agriculture
- Drainage Systems
- Chemical Industry
- Construction Oil
- Air, Pneumatic & Water Transfer

Model Range

- ETBH 6565-50: Equipped with twin 65 mm screws (L/D 28:1) driven by 11.25 kW motors, this model extrudes 5-50 mm braided hose at 10 m/min, delivering up to 90 kg/hr.
- ETBH7575-110: Featuring twin 75 mm screws (L/D 28:1) powered by 15 kW each, it produces 5-50 mm braided hose at 10 m/min with a 110 kg/hr output.

One Suction Hose Platform.
Multiple Suction Hose Applications.

Engineered for PVC suction hose solutions across agriculture, fluid transfer, pneumatic conveying, food handling, irrigation, vacuum and industrial pumping applications.

Strong Suction Performance

Flexible & Durable Build

Smooth Material Flow

Built for Continuous Output

Ready for Multiple Industries

Suction Hose Pipe Extrusion Plant

Engineered for precise, efficient PVC hose production with whisper-quiet performance and rock-solid reliability.

Key Advantages

- Precision-Ground Gears: Hardened to deliver ultra-smooth, near-silent operation.
- High-Accuracy Bearings: Ensure consistent throughput and optimal efficiency.
- Automated Pneumatic Cutter: Reciprocating unit produces clean, burr-free cuts every cycle.
- Energy-Smart Design: Superior motor and drive systems minimize power draw and operating costs.
- Purpose-Built PVC Production: Standardized platform optimized for seamless hose extrusion.
- Quick-Change Forming Shaft: Tool-free replacement cuts maintenance time to minutes.
- Robust Motor Drive: High-torque performance for continuous, stable operation under load.

Applications




- Agriculture
- Fluid & Chemical Transfer
- Pneumatic Conveyance of Granular Materials
- Food & Syrup Handling
- General Water Suction & Discharge
- Vacuum Lines
- Hopper Feeder Lines for Resin
- Irrigation Lines
- Mining Pump

Model Range

- ETSH 45/50: Rigid extruder with a 45 mm screw (7.5 kW) and a soft extruder variant featuring a 50 mm screw (5.65 kW).
- ETSH50/65: Rigid extruder with a 50 mm screw (11.15 kW) plus a soft extruder variant equipped with a 65 mm screw (11.15 kW).
- ESH 65/70: Rigid extruder with a 65 mm screw (15 kW) alongside a soft extruder variant offering a 70 mm screw (15 kW).
- ETSH70/75: Rigid extruder with a 70 mm screw (15 kW) and a soft extruder variant featuring a 75 mm screw (15 kW).

One Compounding Platform.
Multiple Compounding Applications.

Engineered for high-performance polymer blending across masterbatch, filled compounds, engineering plastics, specialty formulations and recycled polymer enhancement.

Uniform Granule Size
Consistent, perfectly uniform granules.

Precision Mixing
Perfect homogeneity for superior compound quality.

High Output & Stable Operation
Maximum productivity with uninterrupted performance.

Material Compatibility
Process a wide range of polymers & additives.

Customizable Configurations
Tailored screw, L/D ratio & feed systems to fit your process.

Compounding Extruder Machine

Engineered for High-Performance Polymer Blending: Unlock superior consistency, efficiency and product quality with Extrutech's advanced Compounding Extruder Machines. Available in single-screw and twin-screw (co-or counter-rotating) configurations, these systems tackle masterbatch, filler compounding and polymer modification with precision-so you hit your targets run after run.

Why Extrutech Compounders?

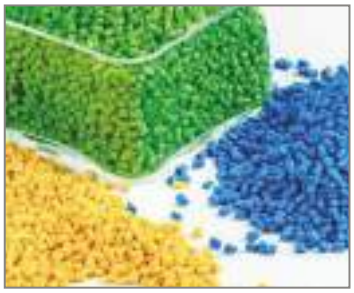
- Flexible Screw Options: Single-screw for straightforward blends or twin-screw for the toughest mixing-co-or counter-rotating designs maximize shear and dispersion.
- Rock-Solid Durability: High-torque gearboxes and wear-resistant barrels ensure uninterrupted production.
- Modular Mixing Zones: Tailor L/D ratios and gravimetric or volumetric feeding for perfect material flow.
- Advanced Venting & Degassing: Integrated vents remove moisture and volatiles for product integrity.
- All-In-One Downstream: Built-in cooling, pelletizing and handling modules deliver finished resin at spec.
- Smart Touchscreen Controls: Real-time monitoring, recipe storage and automated adjustments at a single tap.

Model Range

Extruder sizes from 52mm to 150 mm with output capacities of 100-500 kg/hr.

Applications



- Color & Additive Masterbatches
- Mineral & Glass-Filled Compounds
- Flame-Retardant & UV-Stabilized Formulations
- Engineering Plastics (PA, PC, ABS)
- Recycled Polymer Enhancement

Benefits of Our Compounding Extruder

- Lower Power Consumption: Maximum energy efficiency.
- Absolute Mixing Precision: Perfectly uniform granules.
- Uniform Granule Size: No fines or oversized particles.
- Material Compatibility: Virgin resins to challenging regrinds & additives.
- Customizable Configuration: Screw geometry, L/D ratio, feed systems.
- Robust, Maintenance-Friendly Design: Heavy-duty components, easy access.
- 32+ Years of Industry Expertise backing every run.
- High Output, Stable Operation: Hit production targets consistently.
- Technical Support & Service Assurance: Expert line optimization.
- Compact Footprint: Big throughput from a space-saving design.

Why Choose Our Compounding Solutions?

- Tailored to your formulation and throughput needs
- Energy-efficient design for cost-effective production
- Rugged and reliable for continuous industrial operation
- Easy cleaning and maintenance for batch changes

Smart compounding starts here. From simple color concentrates to complex engineering polymers-Extrutech has you covered.

One Film Platform.
Multiple Monolayer & ABA Applications.

Engineered for monolayer and ABA blown film production
across packaging, agriculture, retail and industrial film applications.

Versatile Film Applications

Strong & Consistent Output

Flexible Packaging Solutions

Built for Continuous Production

Ready for Industrial & Retail Use

Monolayer & ABA Film Extrusion Plant

Versatility Meets Strength for Every Film Application

Extrutech delivers a full spectrum of blown-film solutions to maximize output quality, minimize waste and slash operating costs.

Monolayer Lines

Single-extruder systems fine-tuned for LDPE, LLDPE, HM and HDPE. Ramp up to 30 -180kg/hr with lay-flat widths from 400 mm to 2000 mm - all while conserving energy, startup time and material.

ABA Triple-Layer Lines

Pair a high-capacity extruder for A-layers with a dedicated B-core extruder, delivering:

- 30% higher film strength vs. monolayers
- Dual printable surfaces for shopping, garbage or liner bags
- Lower material costs via optimized filler/polymer use
- Exceptional uniform thickness and film quality

PPTQ Blown-Film Plant

High Clarity. High Performance: Engineered for PP films demanding razor-sharp clarity, superior stiffness and outstanding strength. Ideal for high-speed packaging, stationery, lamination, textile and garment applications-so you deliver premium quality at maximum throughput.

Applications: Powering All Your Blown-Film Needs




Garbage Bags | Nursery Bags | Shopping Bags | Grocery Bags
Liner Bags | Shrink Film | Tarpaulin | Shed Nets

Sustainable Solutions: Bio-Degradable & Compostable Film

- Seamless Biopolymer Handling: Precisely designed for heat-sensitive, biodegradable, and compostable resins.
- Rapid Changeovers: Cutting-edge cylindrical spiral die ensures quick material swaps and reduced polymer degradation.
- Flawless Film Production: Advanced screw and barrel design guarantees even polymer distribution for impeccable film quality.
- Specialty Polymer Ready: Built for efficient processing of heat-sensitive and special polymers.

Unmatched Features for Superior Performance

- Versatile Compatibility: Handles LD/LLDPE, HM/HDPE, and biodegradable/compostable materials.
- Enhanced Material Handling: Grooved feed bush barrel and barrier screw design optimize material flow.
- Long-Term Reliability: Advanced RK9999 LS screw barrel ensures superior wear resistance.
- Multilayer Strength: Advanced ABA/AB configuration delivers superior film strength.
- Broad Application Suitability: Ideal for packaging, agriculture, and construction films.
- Optimized Production: Efficient melting and mixing maximize output and quality.

Tangible Benefits: Boost Your Bottom Line

- Improved Film Quality: Guarantees uniform thickness and precise property control.
- High-Strength Films: Produces films with excellent barrier properties for diverse applications.
- Reduced Material Costs: Optimize core layers with reprocessed or filler materials.
- Enhanced Layer Precision: Achieve precise layer thickness and uniform material distribution.
- Lower Production Costs: Higher filler and reprocessed material consumption reduces overall expenses.

One Film Platform.

Multiple Multilayer Blown Film Applications.

Engineered for multilayer blown film production across packaging, industrial, agricultural, pharmaceutical and specialty film applications.

High Barrier Packaging

Strong & Consistent Output

Flexible Multilayer Solutions

Built for Continuous Production

Ready for Industrial & Specialty Use

3/5/7/9-Layer Blown Film Plant

Unrivaled Strength. Ultimate Flexibility. Maximum Profit.

As global markets demand ever more advanced, multi-functional films, Extrutech's Multilayer Blown Film Plants deliver groundbreaking solutions for packaging, industrial films and beyond.

Why Multilayer?

- Advanced Barrier Protection: Configure 3 to 9 layers for industry-leading resistance to oxygen, moisture and light-ideal for food, pharmaceutical and high-value packaging.
- Unmatched Film Strength & Versatility: Layered designs deliver superior tear resistance and flexibility, adapting seamlessly to any application.
- Efficiency & Cost Savings: Precise layering reduces raw-material waste and optimizes line throughput-lower your cost per kilogram while boosting yield.

Why Our Multilayer Plants Excel

- Precision Layer Distribution: Tailor each layer's composition for optimized strength, functionality and even adhesion.
- High-Speed Production: Streamlined extruder geometry drives consistent output and razor-straight film gauge.
- Superior Barrier Properties: Embed up to nine layers of protection against oxygen, moisture and UV light for demanding food and pharma uses.
- Automatic Thickness Control: Advanced sensors guarantee uniform film gauge and eliminate material waste.
- Energy-Efficient Operation: Engineered for low power draw and intelligent process control to minimize operating expenses.
- Customizable Widths & Outputs: Modular configurations flex to your exact capacity and width requirements, from narrow specialty films to jumbo-wide rolls.

Multilayer Film Applications

3 layer	5 layer	7 layer	9 layer
• Lamination Film • Liners • Shrink Film • Mulch Film • Liquid Packaging • Stretch Film • Cling Film • Recyclable/ Bio-degradable Film	• Food & Pharma Packaging • Lamination Film • Milk & Dairy Packaging • Liquid Packaging • Mulch Film • Recyclable/ Bio-degradable Film	• Premium Food Packaging • Vacuum & MAP Packaging • Pharma & Medical Packaging • Retort & Thermo-forming Film • Chemical Resistance Packing	• Ultra High Barrier Film • High Performance Lamination Film • Aero Space & Industrial Film • Chemical Resistance Packing

Benefits That Set the Standard

Unlock unbeatable quality, efficiency and sustainability across every layer configuration:

- Enhanced Film Strength & Durability: Multilayer architecture delivers superior mechanical properties vs. monolayer films.
- Cost Efficiency: Optimized resin usage and seamless recycled-material integration reduce raw-material spend.
- Versatile Applications: Ideal for food packaging, medical films, industrial laminations, stretch & shrink films, and barrier wraps.
- Improved Shelf Life: Excellent gas and moisture resistance extends freshness and reduces spoilage.
- Sustainable Production: Minimizes waste and supports eco-friendly packaging initiatives.
- Seamless Integration: Fully compatible with printing, lamination & converting lines for added value.

Lab Models

Compact Platforms for Testing, Validation & Scale-Up

From extrusion and mixing trials to film development and injection molding, our laboratory systems help processors validate ideas before full-scale production.

1. Single Screw Lab Extruder

2. Laboratory Heater-Cooler Mixer

3. Laboratory Mono-Layer Blown Film Line

4. Laboratory Multilayer Blown Film Plant

5. Lab Model Injection Molding

Process Validation | Precise Control | Compact Footprint | Faster Development | Scale-Up Confidence

Single Screw Lab Extruder

Laboratory Extrusion Built to Perform Beyond the Lab

MODEL - SSLE 25/25

MACHINE HIGHLIGHTS

Designed specifically for laboratory and pilot-scale extrusion trials	Excellent melt stability and process repeatability for reliable data	Industrial-grade mechanical construction in a compact footprint
Fast material changeover with simplified cleaning and maintenance access	Operator-safe, lab-friendly design with intuitive controls	Built to support scale-up confidence with controlled, consistent sample output

[Engineered for laboratories that demand production-ready results.]

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Quest for the best

Laboratory Heater-Cooler Mixer

ETHSM SERIES

Fast, Repeatable Compounding Trials - From Heat to Cool in One System

MACHINE HIGHLIGHTS

- **Production-relevant mixing in a lab footprint** that helps reduce scale-up risk
- **Small-batch testing capability** to cut material consumption and development cost
- **Repeatable process conditions** for dependable, comparable trial data
- **Faster cycle turnaround** using heating-to-cooling operation for quicker iteration
- **Industrial-inspired mixing geometry** with a tapered cylindrical bowl for uniform flow behavior
- **High-shear rotor performance** for faster, more consistent blend quality
- **Digital control over RPM, temperature, and timing** for precise experimentation
- **Quick-action bottom discharge** to simplify emptying and speed up cleaning
- **Low-noise, vibration-managed drive design** for comfortable daily lab use
- **ROI-focused operation** with trial-cost reduction potential (up to ~60% versus full-scale runs, process dependent) and long service life with low maintenance

[Engineered for laboratories that need consistent blends and faster development cycles.]

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Laboratory Mono-Layer Blown Film Lines

Lab Film Trials That Translate to Production

MACHINE HIGHLIGHTS

Laboratory-scale systems designed on proven industrial extrusion principles	Uniform film thickness with stable, repeatable bubble control	Compact footprint optimized for R&D and academic environments
Flexible configurations for mono-layer blown and cast film trials	Operator-safe, research-focused machine design	Designed for fast trials, controlled sampling, and scale-up decision-making

[From laboratory trials to production-ready films.]

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Laboratory Multilayer Blown Film Plants

Pilot Multilayer Film Development That De-Risks Production Investment

AVAILABLE CONFIGURATIONS

3-Layer Pilot Blown Film Plant - Optimized for multilayer structure development, barrier evaluation, and cost-performance studies.

5-Layer Pilot Blown Film Plant - Designed for advanced film engineering, functional layer optimization, and high-barrier packaging research.

MACHINE HIGHLIGHTS

Pilot-scale systems designed on full industrial blown film architecture	Supports complex multilayer film structures with precise layer ratio control	Stable bubble formation and uniform thickness across wide film widths
High-output capability suitable for realistic process validation	Modular design allowing future upgrades and customization	Operator-safe layout with research-focused accessibility

Built for repeatable trials to support dependable data and decisions

[Where multilayer innovation meets production reality.]

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Lab Model
Injection Molding

Prototype Faster.
Validate Confidently.
Scale with Data.

WHAT YOU GAIN

- Production-relevant molding in a lab format that reduces scale-up risk
- Faster prototyping & controlled sampling for approvals & testing
- Repeatable process conditions for reliable, comparable trial data
- Flexible screw options to match material type and part size requirements
- Strong clamping performance with stable mold alignment and ejection capability
- Efficient heating & drive power sized for consistent melt preparation
- Lower development cost through small-batch trials before full-scale production

MACHINE HIGHLIGHT

- Two clamping options: 40T and 60T for broader mold range
- Multiple injection unit configurations to match shot size and material behaviour
- Stable, repeatable cycles to generate dependable, comparable trial data
- Research-focused accessibility for setup, changeover, and trials
- Built for daily lab use with robust industrial drive and heating systems

[From lab trials to production-ready molding parameters.]

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Scan to explore detailed precision screw & barrel engineering insights

Scan to unlock in-depth specs and performance data for our extrusion machinery."

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South India Office : Coimbatore
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