Global Footprint

Scan to explore detailed precision screw & barrel engineering insights

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

extrutech | RADHE KRISHNA EXTRUSIONS SINCE 1992

Shree Radhekrishna Extrutech Pvt Ltd

Corporate Office :
4th Floor, Entice Building, Iskon-Ambli Road, Ahmedabad - 380058, Gujarat. INDIA.

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

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extrutech

- 1,00,000 SQ.FT OF PRODUCTION PLANT
- 5000+CUSTOMERS
- 50+ COUNTRIES

World Class Extrusion Technology that sets you apart

SCREWS & BARRELS

MONO LAYER/ MULTI LAYER BLOWN FILM EXTRUSION PLANTS

PIPE EXTRUSION LINES

HIGH SPEED HEATER COOLER MIXER MACHINES

DRIP EXTRUSION LINES

Quest for the best

Since
1992

We are Asia's leading manufaturer & expoerter of standard and customized Single and Twin (Parallel/Conical) Screw and Barrel & High-Speed Heater-Cooler Mixer machine. We are established since 1992 with the state-of-the-art manufacturing facility located at Dhamatvan, Ahmedabad spread in a plot area of 100000 sq. ft.

Till date, we have served more than 5000 customers in the World in past 32 years. Our 70% market share in this industry segment has made us Market Leader and this has been possible due to the highest customer satisfaction and confidence put on us.

Our factory is fully equipped with CNC Thread Milling Machine (4-meter-long), CNC Deep Hole boring Machine, Gun Drilling Machine, Gas Nitriding Furnace (4 meters) and other modern machinery.

Taking the next step forward, we are now equipped to provide a complete solution to your need for plastic pipe processing machinery, as we have ventured into PVC, Pe pipe extrusion lines as well for Garden hose and Suction hose pipe. Quality benchmarking with competitive pricing will remain our prime motto backed up with prompt and efficient after-sales service.

Most advanced manufacturing process technology, precision machinery, stringent quality control standards and passion for new developments with continuous R and D has taken the company to a new horizon.

Milestones of Journey

01 1992
02 1994
03 1995
04 2000
05 2001
06 2004
07 2007
08 2009
09 2010
10 2012
11 2017
12 2018
13 2020
14 2021
15 2023
16 2025

01 Established by three partners as M/s. Shree Krishna Industries with 80 yards of land area located in Narol .

02 Formed as Shree Radhekrishna Engineering Company.

03 First manufacturing unit in Vatva, Ahmedabad.

04 Second manufacturing unit in Vatva, Ahmedabad.

05 Purchased Latest Technology CNC Thread Milling Machines for screw manufacturing.

06 Installed in house Nitriding Facility to provide a better quality of products.

07 Started manufacturing of High Speed Heater Cooler Mixer Machines.

08 Formed as Shree Radhekrishna Extrusions Private Limited.

09 Purchased Latest Technology Twin CNC Deep Hole Machines to achieve better quality in the barrel.

10 Installed CNC Gun drilling facility for quality work and best production.

11 Shifted our manufacturing unit to Dhamatvan which is spread in 1,00,000 Sq. Feet.

12 Ventured into all kind of Plastic and PVC Pipe Extrusion Lines. First PVC extrusion plant & garden pipe plant (Harsh polypack pvt ltd).

13 First HDPE extrusion plant (Ashirvad Pipe pvt ltd) Bhiwadi.

14 First CPVC extrusion plants fine blow polymers pvt ltd. (Formally known us leo plast).

First reprocess plant Campus Polyplast pvt ltd.

15 Set up all new machine manufacturing division with name of Shree Radhekrishna extrutech pvt ltd. and ventured into all kind of film plant.

16 Launched 3 layer blown film plant at PLEXPO Exhibition & Added 2 CNC Thread milling machine for Screw Barrel.

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

Why Our Screws & Barrels?

Transform your extrusion line with precision-engineered components that deliver unmatched performance, reliability and ROI.

- Expert Manufacturing Excellence

We specialize in crafting Screws & Barrels for every extrusion application, engineered to meet your most demanding requirements and ensure smooth, efficient operations.

- Unrivaled Durability & Performance

Precision-hardened parts enhance throughput and extend equipment life-so you maximize output and minimize costly downtime.

- Decades of Proven Expertise

Backed by an Expert Engineering Team with over 20 years' average tenure, we deliver the technical know-how and attention to detail your projects demand.

- Uncompromising Quality Standards

- **Rigorous Inspection:** Every stage undergoes meticulous quality checks for absolute precision and specs compliance.
- **End-to-End Traceability:** Full material traceability via Material Test Certificates (MTC) and comprehensive laboratory testing.
- **Advanced Nitriding Technology:** PLC-controlled gas nitriding furnaces eliminate human error, guaranteeing consistent hardness and performance.

- Tailored Solutions

From custom geometries to specialized coatings, our team designs each component to your exact extrusion requirements.

Features That Drive Your Success

- Fast, reliable delivery to meet critical timelines
- Global trust from industry leaders
- Optimized geometry for superior efficiency
- Hassle-free installation
- Low maintenance costs
- Durable bimetallic construction
- Abrasion-resistant coatings
- High-precision design
- Advanced hardening techniques
- Wide application compatibility
- Precision cooling system
- Anti-corrosion assurance

Benefits That Pay Dividends

- Longer service life for sustained reliability
- Enhanced productivity through peak
- performance
- Energy-efficiency optimization
- Rapid, reliable operations
- Global standards compliance
- Cost-effective solutions
- Perfect-fit integration
- Extended product warranty
- Precision engineering for accurate results
- Proven expertise backing every component
- Superior end-product quality

Diverse Applications: Powering Industries Worldwide

Pipe Plant

- PVC Pipe Plant (RPVC, UPVC, CPVC, SPVC)
- HDPE Pipe plant
- PVC Braided plant
- Suction Hose plant
- Garden hose plant
- Flat drip & Round Drip plant

Sheet Plant

- Air bubble sheet plant
- PP sheet plant
- HIPS sheet plant
- PVC sheet plant
- Thermo forming sheet plant

Film Plant

- PVC film plant
- Monolayer & ABA Plant
- Multilayer film plant
- Tape plant

Other

- Cable Extrusion
- Compounding plant
- Injection Molding
- Blow Molding
- Compounding & Master batch plant
- Reprocess plant
- Profile extrusion

Why Nitriding Is a Game-Changer

Unlock next-level performance by infusing nitrogen into extrusion components-boost hardness, wear resistance and corrosion protection in one treatment.

- Increased Surface Hardness (Wear Resistance): Ultra-hard finish reduces wear and friction, improving polymer flow.
- Material Compatibility & Corrosion Defense: Bonds with diverse alloys for corrosion-proof parts.
- Superior Fatigue Strength & Dimensional Stability: Locks in geometries, preventing distortion under cycling.
- Extended Service Life: Lengthens component life to cut replacement and downtime costs.

Nitroalloy 135M vs. 38CrMoAlA (Standard Nitriding Steel)

Feature	Nitroalloy 135M	38CrMoAlA (Std.)
Surface Hardness (HRC)	65-70	60-65
Wear Resistance	Superior	Good
Corrosion Resistance	Excellent	Moderate
Temperature Resistance	High	Moderate

Elevate your extrusion outcomes today-choose nitriding to deliver exceptional durability, consistent quality and maximum ROI, so your line never skips a beat.

RK9999-The Lightning Series

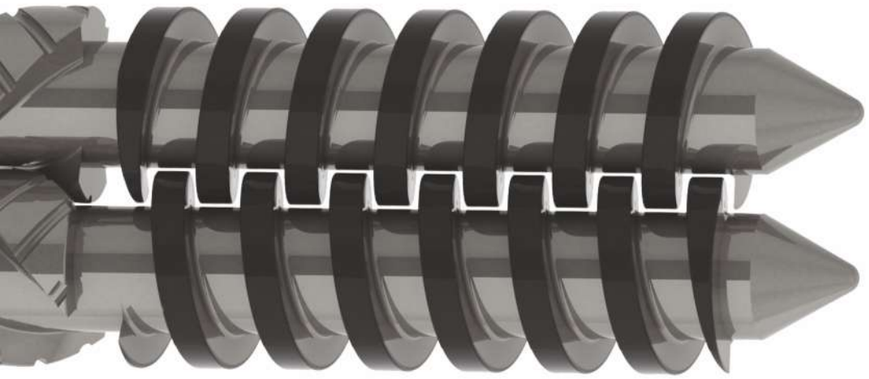
Unleash unmatched wear resistance on your screws & barrels.

- Extremely Wear-Resistant Coating: RK9999 is a dense, crack-free tungsten-carbide finish applied via high-velocity oxy-fuel (HVOF) to any size injection-molding or extrusion screw.
- Root-Wear Eliminator: Its high tungsten-carbide concentration halves outer-diameter wear versus hard-faced or tool-steel screws.
- Versatile Application: Trusted across industries-ideal for abrasive-filled resin processing.

Key Benefits:

- Porosity < 1% for an ultra-dense barrier
- 13x higher corrosion resistance vs. standard coatings
- 10,000 PSI bond strength (vs. 6,000 PSI typical)
- 5x greater flight-wear resistance at 0.5 mm thickness
- Superior adhesive wear resistance with nitrided barrels
- Full encapsulation available for seamless CPVC processing

EXCELLENT QUALITY WITH EXTREME LIFE



Case Study - PVC Pipe Extrusion:

- Problem: Frequent screw wear and corrosion caused downtime every 10 -12 months.
- Solution: Upgraded to Nitroalloy 135M screws with RK9999 coating.

Results:

- 3x longer service life (3 years)
- 45% lower maintenance requirements
- Improved output quality via stable, uniform melt flow

Elevate extrusion outcomes-choose RK9999 for exceptional durability, consistent quality and maximum ROI.

ExtruMax Series: High-Filler? No Problem.

ExtruMax Takes It Head-On. The Ultimate Wear-Resistant Coating for High-Filler Extrusion, Commercial pipe manufacturing comes with its own set of challenges -especially when dealing with high filler content. The ExtruMax Series is specifically engineered to tackle the pain point of early screw and barrel wear.

Why Choose ExtruMax?

- 3x Longer Life: ExtruMax coating delivers up to three times the lifespan of conventional screw barrels so you spend less on replacements even in high-CaCO3., high-load environments.
- Rock-Solid Wear Resistance: Built to withstand abrasive fillers, ExtruMax eliminates frequent change-outs and keeps your line running smoothly.
- Superior Surface Finish: Enjoy cleaner internal surfaces for better pipe quality and reduced drag inside the extruder.
- Homogeneous Mixing: Achieve perfectly balanced dispersion and melt flow, enhancing both mechanical properties and surface aesthetics of your final product.
- All-in-One ROI Solution: With extended life, improved quality, and minimized downtime, ExtruMax pays for itself quickly and consistently.

Designed for Commercial-Scale Demands

Whether you run SWR, agricultural pipe or high-pressure lines with CaCO, ExtruMax is your trusted partner for durability, performance and profit.

Join Our Network of Industry Leaders

Top manufacturers trust us for their most critical extrusion solutions.

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.

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.

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.

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.

HDPE/PPR Pipe Extrusion Lines

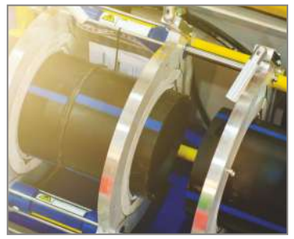
Engineered for High-Precision, High-Throughput Pipe Production: Extrutech's single - screw extrusion lines combine optimally matched components, advanced automation and tailor-made configurations to deliver premium PE pipes-consistently

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.

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.

Applications




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

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.

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

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.

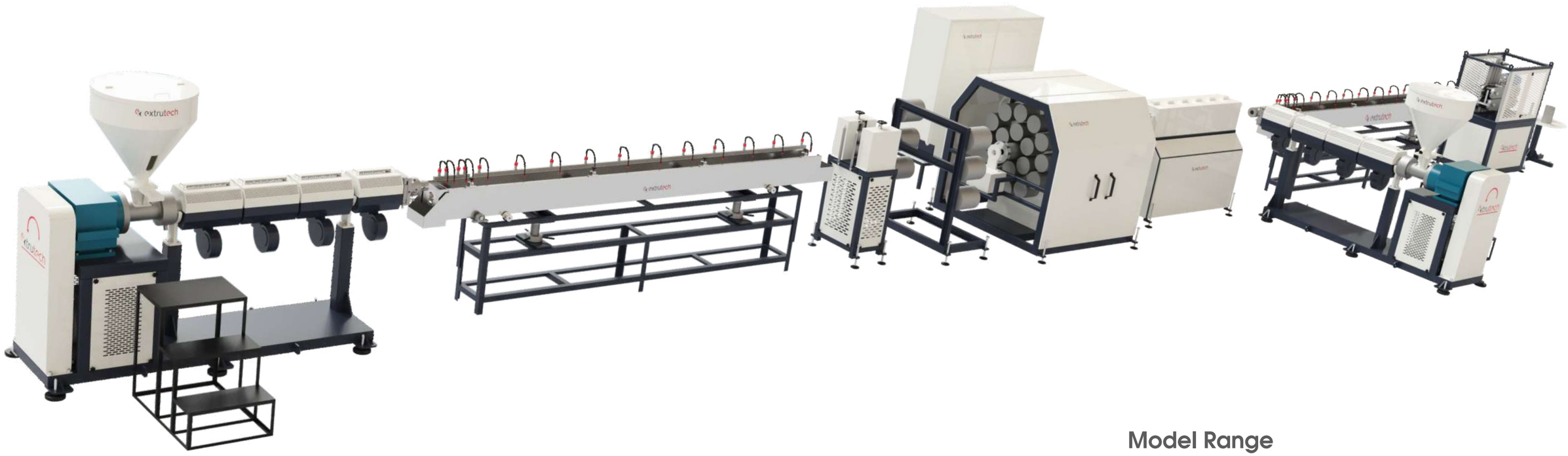
Why Choose Our Braided Hose Lines?

- 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



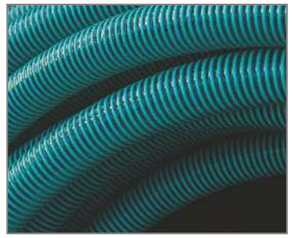
Model Range

- 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.

Suction Hose Pipe Extrusion Plant

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

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

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.

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).

Drip Irrigation Pipe Plant

Precision, efficiency and durability -
engineered for next-generation farming.

Applications

Machine Variants

Flat Drip Plant

- Flat-emitter integration for vegetable farms, nurseries & seasonal crops.
- High-speed automation for precise dripper insertion, secure welding & clean hole-punching.
- Uniform water distribution with minimal waste.

Round Drip Plant

- Cylindrical drippers for orchards, vineyards & long-term crops.
- Automated feeding, welding & hole-punching ensures consistent flow even on uneven terrain.
- Maximizes irrigation efficiency and uptime.

Built for Sustainable Performance

- Energy-Smart Design: Durable, low-power tech conserves energy and water.
- Rugged Construction: Heavy-duty components stand up to continuous use.
- Intuitive Controls: User-friendly panel simplifies operation and maintenance.
- High Productivity: Precision automation boosts throughput and ROL

Key Features & Benefits: Maximize Your Yield

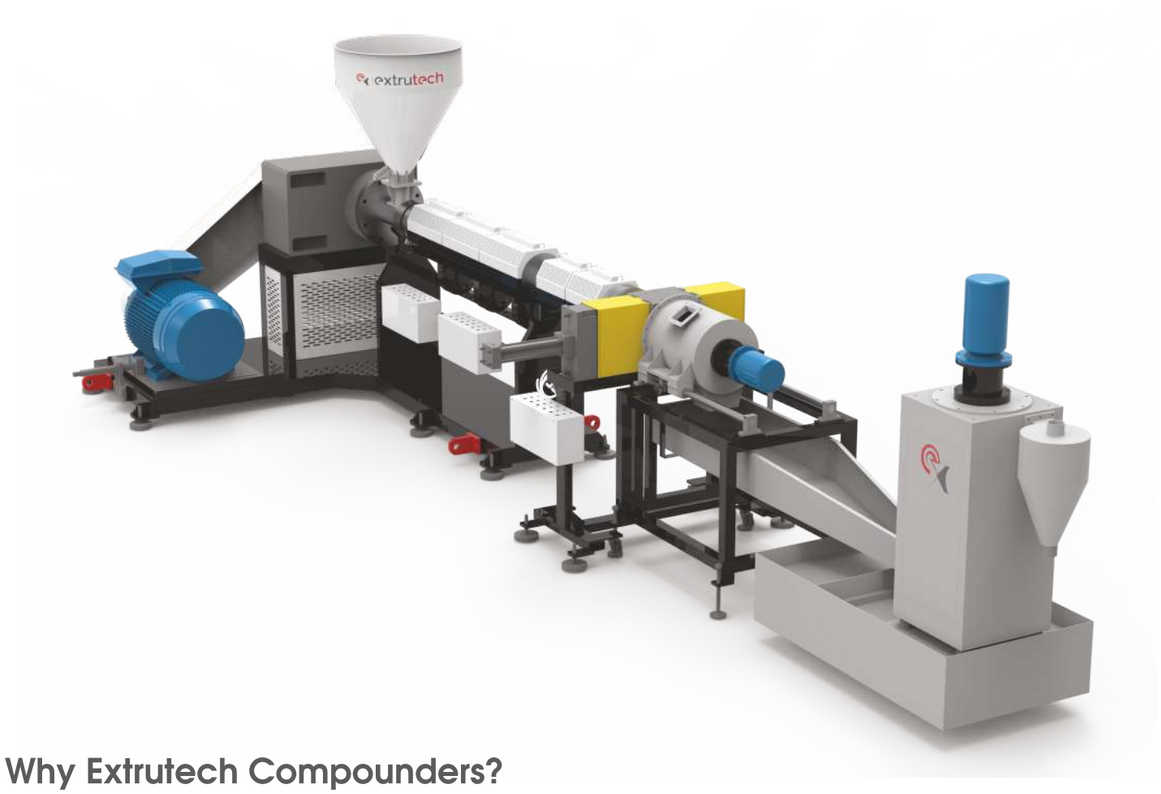
- Energy-Smart Performance: Just 0.30 unit/kg power use for ultra-low operating costs.
- Massive Throughput: Flat drip up to 200 m/min (160-200 km/day) and round drip up to 100 m/min (100-120 km/day), with extruder output to 250 kg/h.
- Precision Wall & Diameter Control: Flat drip (0.15-1.0 mm) and round drip (0.4-2.0 mm) across 12-20 mm pipes (up to 32 mm for round).
- RK9999 Screw & Barrel: High-velocity oxy-fuel coating delivers homogeneous mixing and unmatched wear resistance.
- PLC-Driven Automation: Real-time monitoring, recipe recall, and seamless process control.
- High-Speed Dripper Insertion: 600 drippers/min (flat) or 400 drippers/min (round), 1-4 holes per dripper, spacing from 20 cm up.
- 3-Layer A-B-A Die Head (Round Only): Superior layer adhesion, strength and material efficiency.
- Automated Coiling & Cutting: Dual-station coiler with synchronized traverse, auto-cut and bobbin changeover-minimal labor.
- Coil-to-Coil Uniformity: ±0.5% weight variation for consistent, waste-free production.

Model Range

- ETR 65/33 (Round): Line speed of 250 m/min, output of 80-100 kg/hr.
- ETF 45/33-45-150 (Flat): 150 m/min line speed, up to 150 kg/hr output.
- ETF 65/33-75-200 (Flat): 200m/min line speed, up to 250 kg/hr output.

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.



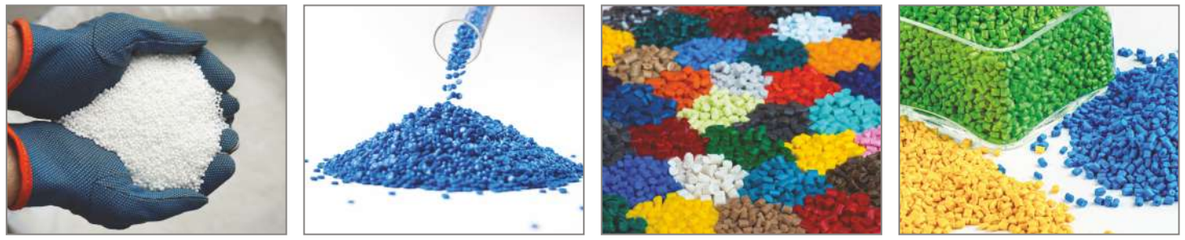
Why Extrutech Compounders?

- 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.