



www.radhekrishnaexports.com



32+ YEARS
OF
TRUST

We are Asia's leading manufacturer & exporter 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 30 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.

GROWTH HISTORY

Set up of all new machine manufacturing division with name of Shree Radhekrishna Extrutech Pvt Ltd. Ventured into manufacturing of all kinds of film plant.

2023

2021

14 First CPVC extrusion plants fine blow polymers pvt ltd (formally known as leo plast)
First reprocess plant Campus Polyplast Pvt Ltd

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

2020

2018

12 Ventured into all kind of Plastic and PVC Pipe Extrusion Lines

Shifted our manufacturing unit to Dhamatvan which is spread in

2017

2012

Installed CNC Gun drilling facility for quality work production

09 Purchased Latest Technology Twin CNC Deep Hole Machines for to achieve better quality

2010

2009

08 Formed as Shree Radhe krishna Extrusions Private Limited

Started manufacturing of High Speed Heater Cooler Mixer Machines

2007

2004

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

05 Purchased Latest Technology CNC Thread Milling Machines for screw manufacturing

2001

2000

04 Second manufacturing unit in Vatva Ahmedabad

03 First manufacturing unit in Vatva Ahmedabad

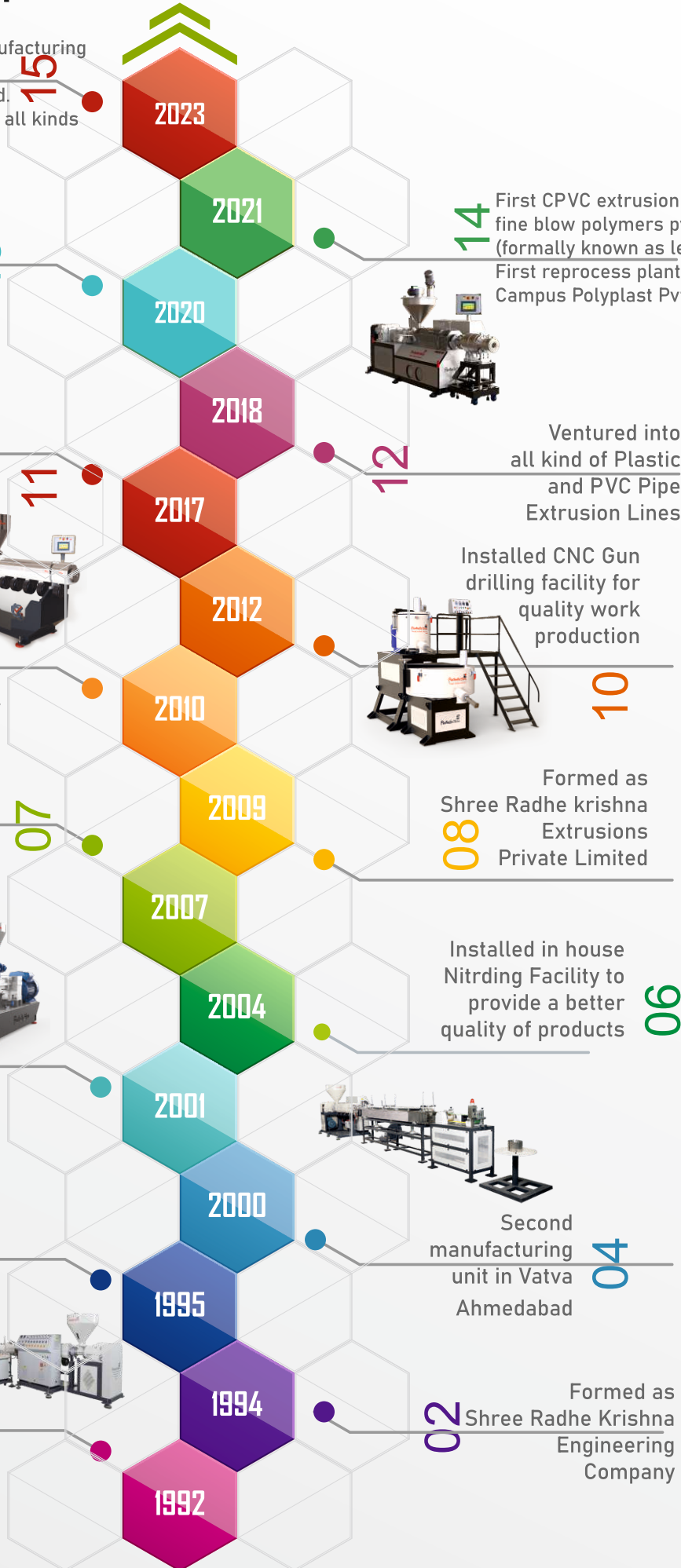
1995

1994

02 Formed as Shree Radhe Krishna Engineering Company

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

1992





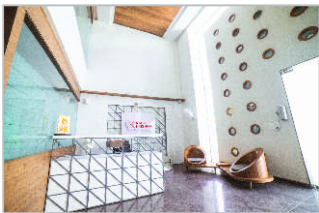
INFRASTRUCTURE

INTEGRATED WORLD CLASS FACILITIES

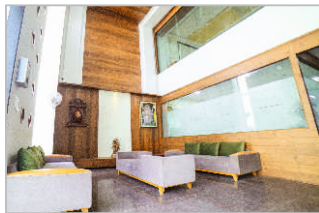
Shree Radhekrishna Extrutech Pvt. Ltd. has emerged as India's largest manufacturer of screws - barrels with state-of-the-art manufacturing set up at Ahmedabad. The factory is set up in the area of 100000 sq ft with machining facility based on CNC & DRO and also in house Nitriding furnace. The same facility 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



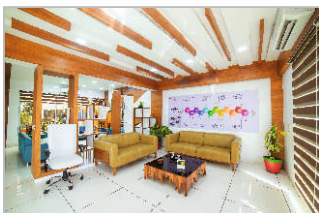
Big Conference Room



Business Head



MD's Office



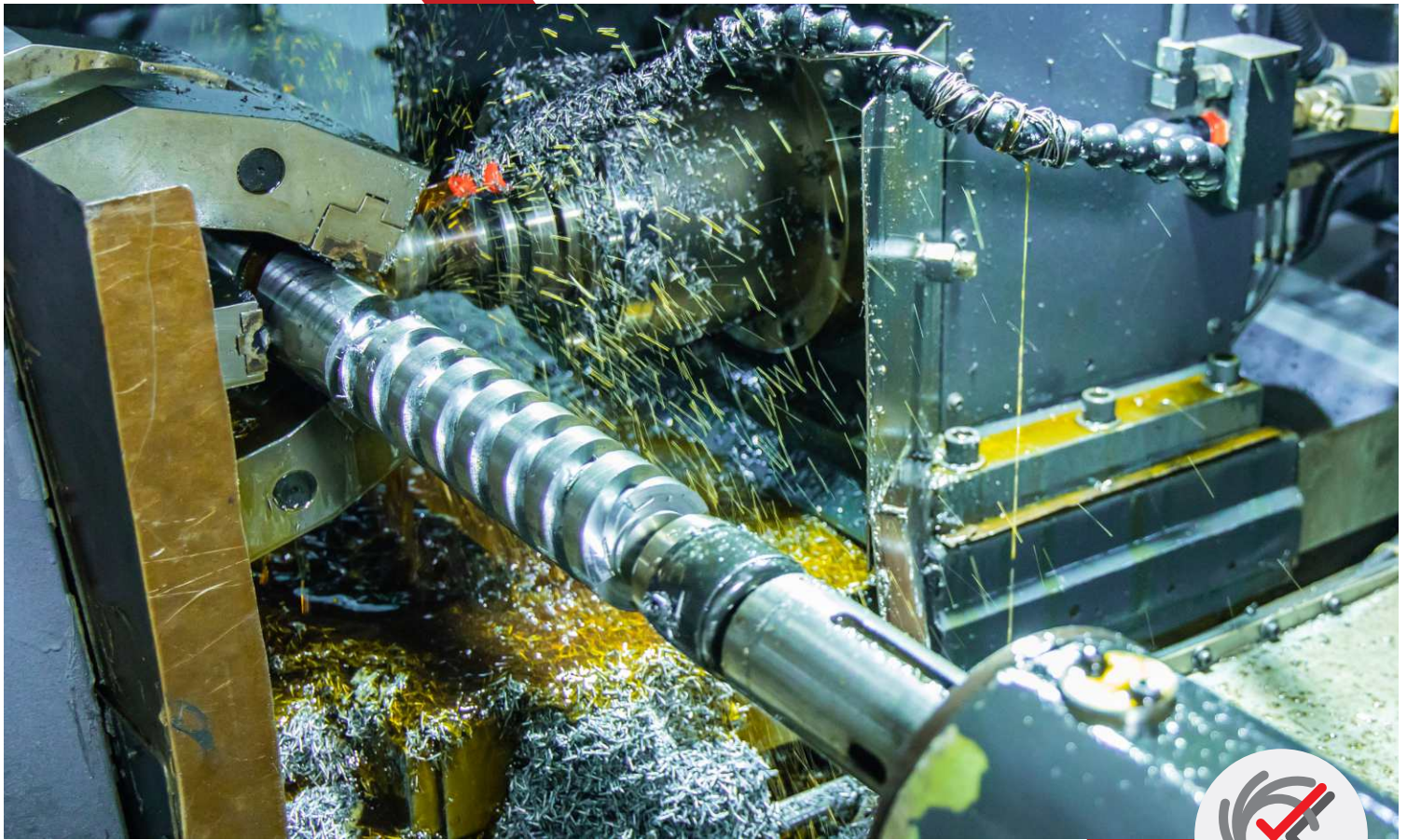
MD's Meeting Lounge



Guest Meeting Room



Marketing Area



MANUFACTURING FACILITIES

MOST ADVANCED OPERATIONAL MACHINE TOOLS AND TECHNOLOGY

Radhekrishna utilizes the most sophisticated machine tools and operational methods available globally to ensure that the end-product does not only match but exceeds the performance requirements. Screws, Barrels, grooved feed, Die Heads, die components, various kinds of down streams are manufactured in house. Sculptor accuracy is applied to plants with sound engineering basics through an autonomous tool room comprised of the CNC Thread Milling Machine, a 4-axis Vertical Milling Machine, a deep hole boring machine, a Vertical Honing machine, a Gas nitriding furnace, and a rigorous quality assurance test.

All functional departments operate through digital network ensuring consistency and reliability as a part of the system. cater to the ever-growing needs of customers.



Straightening Machine - 02 Nos.



Internal Grinding Machine



Screw Spline Cutting Machine



Gas Nitriding Furnace Facility



Barrel Honing Machine - 02 Nos.



Cylindrical Grinding Machine - 02 Nos.



CNC Thread Milling Machine - 06 Nos.

SCREW AND BARREL



"Radhekrishna manufacturers its products with clear focus on the plastics industry"

Shree Radhekrishna: A name with a tradition. For more than 30years, the company manufacture screw barrel for the plastic machinery at Ahmedabad plant.

Radhekrishna Extrusion is Asia's largest and reputed manufacturer and exporter of standard and customized single and twin (parallel/conical) Screw barrel in plastics application. Till date we have served more than 5000 customers in 37 countries across the globe. Our 70% market share in this industry segment has made us market leader and this had been possible due to high customer satisfaction and confidence put on us.

SCREWS

**IN ALL VERSIONS -
COMMITTED TO LIFE**



We manufacture all versions of screw for you. You will get precisely what you need- from base material to the finish.

We are specialized in making most different types of screws. There are hardly any limits to the requirements concerning materials, geometries, coatings we can deal with.

All commonly used production techniques are available to us in screw manufacturing: whirling, milling, high speed milling and grinding, gun drilling. The optimal production process for any screw geometry on hand.

REGARDING TO WEAR PROTECTION:

our state-of-the-art and with our 30 years of experience we offer **RK9999 coating** on screw flight- specially on Metering zone and feeding zone, we also offer full end capsulation for CPVC application.

APPLICATIONS

- Pipe Application: CPVC / RPVC / UPVC
- Injection Moulding Machinery
- Cable Manufacturer (any Type of Materials)
- Compounding Plant (Granules) CPVC / RPVC
- Blow Moulding Machinery
- Any type of Plastic Pallet Manufacturing
- PVC Profiles : Door & Window RPVC / UPVC



- Tape Plant
- Lamination Film Plant
- Blown Film Plant
- Multi-Layer Film Plant
- PVC Film Plant



- Air Bubble Sheet Plant
- PP Sheet Plant
- HIPS Sheet Plant
- PVC Sheet Plant
- Thermo Forming Sheet Plant



- PVC Braided Pipe Plant
- PVC Suction Hose Pipe
- PVC Soft Tubing Plant



RK9999 THE LIGHTENING SERIES

EXCELLENT QUALITY WITH EXTREME LIFE

RK9999 is an extremely wear resistant, dense, and crack-free tungsten carbide coating applied by the HVOF process to the entire surface of virtually any size injection molding or extrusion screw.

In most cases, the coating eliminates root wear problems. And, due to the high concentration of tungsten carbide, the O.D. typically wears at half the rate of any other hard-faced or tool steel screw on the market.

This coating is versatile and a popular choice for most applications where increased screw life is desirable or necessary when processing resins filled with abrasive additives.

RK9999 LIGHTENING SERIES COATINGS SPECIFICATIONS

Process method	HVOF coating
Powder Grade	RK9999 LS developed
Thickness as applied	0.250 mm per side Overall 0.500mm
Carbide Particle Size	2-5 Micron (100%)
Density	14.7 g/cm ³
Hardness of Coating Layer	Superficial: 92.515N, Macro: RC 69-70, Micro: 1300 DPH 300
Estimated porosity	< 1.0%
Maximum service temperature	425° C
Bond strength average (ASTM 633)	10,000 PSI (>69.82 MPa)

KEY BENEFITS OF RK9999 COATED SCREW BARREL

- Porosity is less than 1%.
- Corrosion resistance 13 times higher.
- Bond strength is 10000 PSI compare to TC Coating 6000PSI.
- Flight wear resistance is 5 times higher as thickness of coatings is 0.5mm with consistent hardness.
- Best wear resistant for metal to metal wear (Adhesive wear resistance), most compatible with Nitrided barrel.
- Full encapsulations option is available for CPVC processing.



BARRELS

QUALITY WHAT MATTERS

We produce very compatible barrels to highly wear resistance as well as wide range of nitriding Barrels, almost all versions are available as single and twin barrels.



BARREL MATERIAL:

Sr. No.	Material Name	Chemical Composition								
		Al	C	Cr	Fe	Mn	Mo	Ni	Si	P
1	EN41-B Musco	1.2	0.4	1.6	95.50	0.55	0.22	0.18	0.33	0.015
2	EN41-B local	0.99	0.35	1.4	96.46	0.35	0.12	0.10	0.2	0.022
3	Nitalloy 135M	1.4	0.4	1.8	94.29	0.8	0.80	0.25	0.25	0.005



- The major difference is the inclusion of a small portion of aluminium which forms aluminium nitrides in the nitriding process.
- Wear resistance is high in Nitalloy 135M due to higher amount of chromium and molybdenum.

CUSTOMER FEEDBACK



We are doing business with Radhekrishna extrusions PVT. LTD. Since last 20years, We regularly buy screw barrel, Die and other extrusion parts for our various plants located PAN INDIA for different extruders make.



We have been doing business with SHREE RADHEKRISHNA EXTRUSIONS PVT LTD Ahmedabad since last 2-3 years. We would like to express our sincere appreciation for their services.



We have been doing business with SHREE RADHEKRISHNA EXTRUSIONS PVT LTD Since last 15 years. We regularly buy screws, barrels, High speed Heater-Cooler Mixer, other extrusion parts for our Plants located in Bangladesh and India.



We purchased Three Layer HDPE Pipe Plant and complete line for output of 600 Kg/hr for Pipe Size Dia. 90mm to 450mm. We are fully satisfied with the quality of machine also they supplied. Performance is satisfactory.



We purchased CPVC pipe plant, We are fully satisfied with this machine with required quality of pipe. We are producing 15 mm to 50 mm pipe size We have, and will continue to, recommend your services to other companies and contacts.



"Shree Radhekrishna extrusion is our regular vendor for Screw Barrel and we are fully satisfied with quality of product"



" Best Supplier in segment of Screw barrel" "appreciated for after sales service"



"Value for money" "Screw Barrel set from Shree Radhekrishna extrusions Pvt. Ltd. Work perfectly and last long"

OUR FOOT PRINTS



TALK TO US

We are glad to consult you

If you have any questions, or you need information about screw and barrels, do not hesitate to contact us. We will be happy to assist you.



SHREE RADHEKRISHNA EXTRUTECH PVT. LTD

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