

July 27, 2024

To,  
**BSE Limited**  
Phiroze Jeejeebhoy Towers, Dalal Street,  
Fort, Mumbai – 400 001.  
**BSE Scrip Code: 522257**  
**BSE Script ID: RAJOO**

**Sub: Submission of Un-audited Consolidated Financial Result Update Presentation of the Company for the Quarter ended June 30, 2024.**

**Ref: Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 (SEBI Listing Regulations)**

Dear Sir/ Madam,

With reference to the captioned subject and pursuant to the provisions of regulation 30 of SEBI Listing Regulations, please find enclosed herewith the Un-audited Consolidated Financial Result Update Presentation of the Company for the Quarter ended June 30, 2024. The same shall be placed on the website of the Company at [www.rajoo.com](http://www.rajoo.com).

This is for your information and record.

Thanking you.  
Yours faithfully,  
**For Rajoo Engineers Limited**

**Khushboo C. Doshi**  
Managing Director  
(DIN: 00025581)

Encl: a/a



**Rajoo Engineers Limited**

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CIN : L27100GJ1986PLC009212 GSTN : 24AABCR3204M1ZL



# Rajoo

Engineers Limited

• Result Update Presentation  
Q1 FY25



# Disclaimer



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*Certain matters discussed in this Presentation may contain statements regarding the Company’s market opportunity and business prospects that are individually and collectively forward-looking statements. Such forward-looking statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties and assumptions that are difficult to predict. These risks and uncertainties include, but are not limited to, the performance of the Indian economy and of the economies of various international markets, the performance of the industry in India and world-wide, competition, the Company’s ability to successfully implement its strategy, the Company’s future levels of growth and expansion, technological implementation, changes and advancements, changes in revenue, income or cash flows, the Company’s market preferences and its exposure to market risks, as well as other risks. The Company’s actual results, levels of activity, performance or achievements could differ materially and adversely from results expressed in or implied by this Presentation. The Company assumes no obligation to update any forward-looking information contained in this Presentation. Any forward-looking statements and projections made by third parties included in this Presentation are not adopted by the Company and the Company is not responsible for such third party statements and projections.*

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Managing Director's  
Message

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# Managing Director's Message



During the first quarter ended 30th June 2024 we have registered a Revenue of Rs. 50.87 cr, EBITDA of Rs. 7.12 crore and PAT of Rs. 5.34 crore. During the quarter we had encouraging order book and also lifting of the machines were better compared to corresponding previous quarter.

The recent expansion of our Rajkot facility marks a significant milestone in our journey of growth and innovation. This development increases our manufacturing capacity by 30%, spanning an impressive 18,000 sq. ft. with an additional 7,000 sq. ft. dedicated to the QCA. Our strategic investment not only boosts production capabilities but also exemplifies our commitment to excellence. Moreover, formation of Shrutina Nexgen Solar LLP, in partnership with Rajoo Engineers Limited and Promoter Group Entities, focuses on establishing a captive solar plant. This Collaboration aims to leverage solar energy to comply with government's solar power utilization scheme, thereby promoting ESG (Environmental, Social, and Governance) compliance through the use of green power.

The launch of the Proex series of high-performance blown film lines, featuring RELEX 4.0 extruders and CSD 4.0 die, underscores our technological advancement, allowing us to produce films at 900 kg/hr with a 22-micron thickness and 2800 mm lay flat width, achieving unprecedented speeds of 150 m/min. This innovation is a testament to our dedication to energy efficiency and high yield, positioning us at the forefront of industry excellence.

As we move forward, we strive to continue our growth momentum through robust product offerings and a strong market position. With a positive outlook for both domestic and export markets, we are confident in securing substantial orders from high-growth regions, aligning with our expectations.

Rajoo Engineers remains steadfast in sustaining its growth trajectory and reinforcing its market presence. We are assured that our unwavering dedication to quality, innovation, and customer satisfaction will persist as the cornerstone of our achievements.

I would like to thank each member of the Rajoo family, as well as our Clients, Creditors, Banks, Financial Institutions, and all other Stakeholders. Their faith in us and support extended makes it easier for us to strive and excel."



Commenting on the Company's performance,

**Khushboo Chandrakant Doshi,**

Managing Director, Rajoo Engineers Ltd said:

# Recent Developments



## **Unveils Rajkot Facility Expansion, Boosting Manufacturing Capacity**

- Expanded facility will increase the manufacturing capacity by 30%
- Company has made a significant investment in the production plant, which spans across 18,000 sq.ft and stands at a height of 100 ft and an additional 7,000 sq.ft for the QCA

## **The formation of Shrutina Nexgen Solar LLP, in partnership with Rajoo Engineers Limited and Promoter Group Entities**

- The LLP is formed in association with other group Companies under the Captive Solar Power policy with majority shareholding of Shrutina Nexgen LLP
- This collaboration aims to leverage solar energy to comply with the government's solar power utilization scheme, thereby promoting ESG (Environmental, Social, and Governance) compliance through the use of green power

## **Launches Proex – Series Of High performance Blown Film Line**

- Capability to produce film at 900 kg/hr , 22 micron thickness and 2800 mm lay flat width
- RELEX 4.0 extruders, established for their low shear heat design, showcased optimal energy efficiency and high yield. CSD 4.0 die, the heart of the line, capable of delivering film thickness from 20 to 200 microns across a wide 2800 mm lay flat width and low gage variation the system achieved unprecedented line speeds of 150 m/min



# Consolidated Financial Highlights

# Consolidated Financial Highlights – Quarterly



Rs. Crore	Q1 FY25*	Q1 FY24*	Y-o-Y %	Q4 FY24*
Income from Operations	50.87	31.21		52.68
Other Operating Income	0.00	0.00		0.00
<b>Total Income</b>	<b>50.87</b>	<b>31.21</b>	<b>63.01%</b>	<b>52.68</b>
Raw Materials	31.72	19.57		25.02
Employee Cost	5.09	4.49		5.72
Other Expenses	6.95	4.24		12.98
<b>Total Expenditure</b>	<b>43.76</b>	<b>28.30</b>		<b>43.71</b>
<b>EBITDA (Excluding Other Income)</b>	<b>7.12</b>	<b>2.91</b>	<b>144.41%</b>	<b>8.96</b>
<b>EBIDTA Margin (%)</b>	<b>13.99%</b>	<b>9.33%</b>	<b>466 Bps</b>	<b>17.02%</b>
Other Income	1.08	1.23		0.68
Depreciation	0.99	0.87		0.91
Interest	0.16	0.09		0.26
Exceptional Item (Gain) / Loss	0.00	0.00		0.00
<b>Profit Before Tax</b>	<b>7.05</b>	<b>3.19</b>	<b>120.62%</b>	<b>8.47</b>
Tax	1.71	0.73		2.22
<b>Profit After Tax</b>	<b>5.34</b>	<b>2.46</b>	<b>116.97%</b>	<b>6.25</b>
<b>Profit After Tax Margin%</b>	<b>10.50%</b>	<b>7.89%</b>	<b>261 Bps</b>	<b>11.86%</b>
Share of Profit / (Loss) of Joint Venture	0.13	0.00		0.84
Other Comprehensive Income	0.00	0.00		(0.07)
<b>Net Profit</b>	<b>5.47</b>	<b>2.46</b>	<b>122.15%</b>	<b>7.02</b>
<b>Net Profit Margin %</b>	<b>10.76%</b>	<b>7.90%</b>	<b>286 Bps</b>	<b>13.32%</b>
<b>Basic EPS in Rs.</b>	<b>0.89</b>	<b>0.40</b>	<b>122.50%</b>	<b>1.15</b>

- Revenue from operations for the quarter was Rs. 50.87 crore in Q1 FY25, as against Rs 31.21 crore in Q1 FY24, a YoY increase of 63.01% on account of encouraging order book and while some deliveries were a ready made, balance are scheduled in different quarters.
- EBITDA (excluding Other Income) was at Rs. 7.12 crore in Q1 FY25 as against Rs. 2.91 crore in Q1 FY24, increase of 144.41 % YoY

# Consolidated Financial Highlights – Yearly



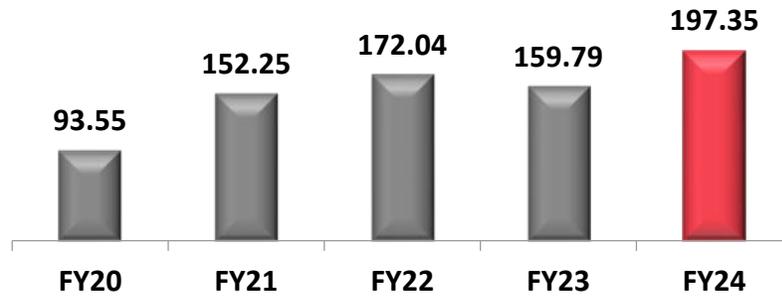
Rs. Crore	FY24*	FY23*	Y-o-Y %
Income from Operations	197.35	159.79	
Other Operating Income	0.00	0.00	
<b>Total Income</b>	<b>197.35</b>	<b>159.79</b>	<b>23.51%</b>
Raw Materials	117.43	98.56	
Employee Cost	20.13	18.48	
Other Expenses	33.11	28.73	
<b>Total Expenditure</b>	<b>170.67</b>	<b>145.77</b>	
<b>EBITDA (Excluding Other Income)</b>	<b>26.68</b>	<b>14.02</b>	<b>90.35%</b>
<b>EBIDTA Margin (%)</b>	<b>13.52%</b>	<b>8.77%</b>	<b>475 bps</b>
Other Income	3.94	2.76	
Depreciation	3.53	3.47	
Interest	0.66	0.33	
Exceptional Item (Gain) / Loss	1.30	1.47	
<b>Profit Before Tax</b>	<b>27.72</b>	<b>14.46</b>	<b>91.69%</b>
Tax	6.71	2.97	
<b>Profit After Tax</b>	<b>21.01</b>	<b>11.49</b>	<b>82.86%</b>
<b>Profit After Tax Margin%</b>	<b>10.65%</b>	<b>7.19%</b>	<b>346 bps</b>
Other Comprehensive Income	(0.07)	0.13	
<b>Net Profit</b>	<b>20.94</b>	<b>11.62</b>	<b>80.27%</b>
<b>Net Profit Margin %</b>	<b>10.61%</b>	<b>7.27%</b>	<b>334 bps</b>
<b>Basic EPS in Rs.</b>	<b>3.41</b>	<b>1.87</b>	<b>82.35%</b>

- Revenue from operations for the year ended was Rs. 197.35 crore in FY24, as against Rs. 159.79 crore in FY23, a YoY increase of 23.51%, on account of intensive efforts by a larger sales team and entry into new territories, coupled with revived demand for sheet extrusion lines and thermoformers
- EBITDA (excluding Other Income) was at Rs. 26.68 crore in FY24 as against Rs. 14.02 crore in FY23, increase of 90.35% YoY on account of increased in sales, higher capacity utilization and improved operational efficiencies

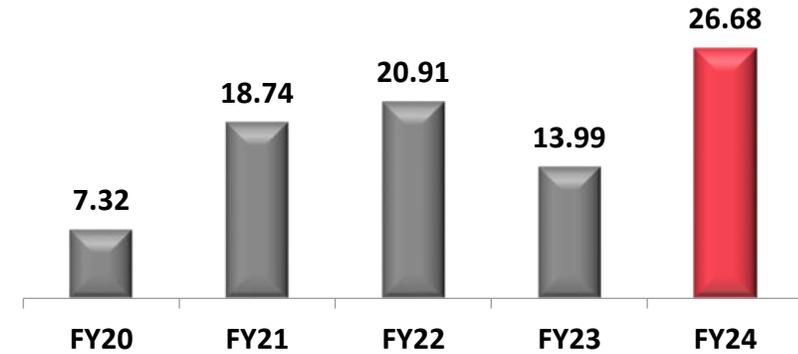
# Consolidated Annual Financial Highlights



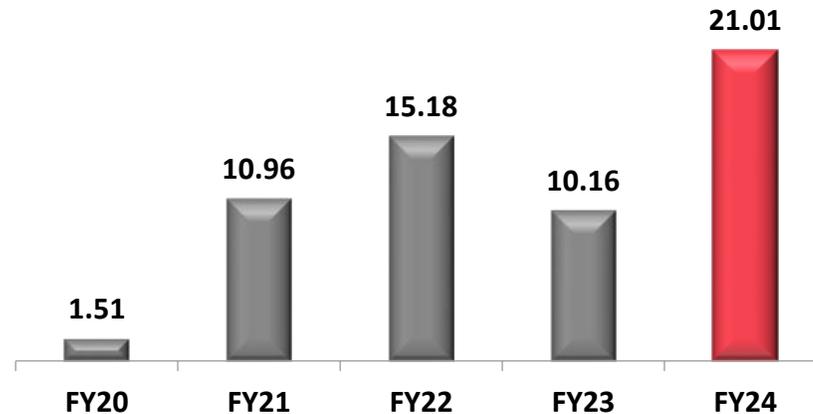
Revenue (Rs. Crore)



EBITDA\* (Rs. Crore)



PAT after Minority Interest (Rs. Crore)



\* EBITDA excluding other income

# Consolidated Balance Sheet as on 31<sup>st</sup> March 2024



Rs. Crore	As on 31st March 2024	As on 31st March 2023
<b>Shareholder's Funds</b>	<b>126.67</b>	<b>108.90</b>
Share capital	6.15	6.15
Reserves & Surplus	120.51	102.75
<b>Non-current liabilities</b>	<b>4.32</b>	<b>4.34</b>
<b>Financial Liabilities</b>		
Long term borrowings	0.00	0.00
Other Financial liabilities	0.57	0.54
Defer Tax liabilities	3.75	3.80
Other Long-Term liabilities	0.00	0.00
Long-Term Provisions	0.00	0.00
<b>Current liabilities</b>	<b>96.36</b>	<b>67.07</b>
<b>Financial Liabilities</b>		
Short Term Borrowings	1.31	1.52
Trade Payables	29.54	19.90
Other Financial liabilities	1.69	1.47
Other Current liabilities	63.09	40.45
Short-term provisions	0.73	3.37
Income Tax Liability (Net)	0.00	0.36
<b>Total Equities &amp; Liabilities</b>	<b>227.35</b>	<b>180.32</b>

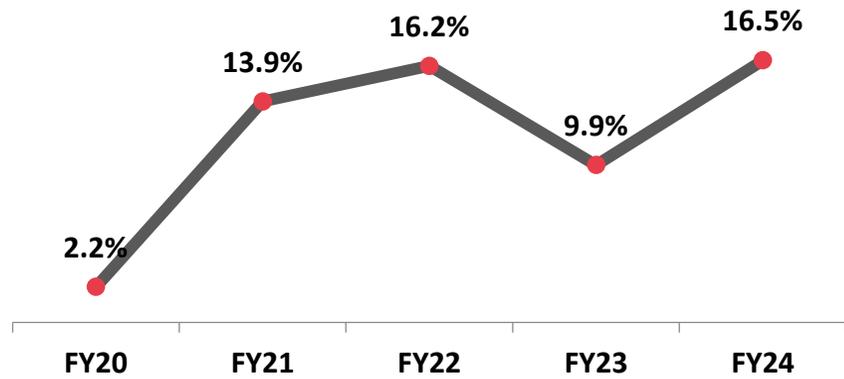
Rs. Crore	As on 31st March 2024	As on 31st March 2023
<b>Non-current assets</b>	<b>59.60</b>	<b>48.01</b>
Property, Plant & Equipment	41.65	35.55
Intangible Assets	0.84	1.01
Capital WIP	5.00	2.56
<b>Financial Assets</b>		
Non-current Investments	11.70	8.57
Deferred tax assets	0.00	0.00
Long-term loans & advances	0.00	0.00
Invt. for using equity method	0.00	0.00
Other non-current assets	0.00	0.00
Other non-current Finan. Assets	0.40	0.31
<b>Current assets</b>	<b>167.76</b>	<b>132.31</b>
Inventories	102.98	56.56
<b>Financial Assets</b>		
Current Investments	0.00	8.48
Trade receivables	15.83	16.51
Cash & Cash equivalents	2.17	15.78
Bank Balance other than Cash	30.33	28.50
Short-term loans & Advances	0.11	0.14
Other Current Financial Assets	9.04	1.37
Other Current Assets	7.29	4.95
<b>Total Assets</b>	<b>227.35</b>	<b>180.32</b>

\*Financials in line with IND AS guidelines

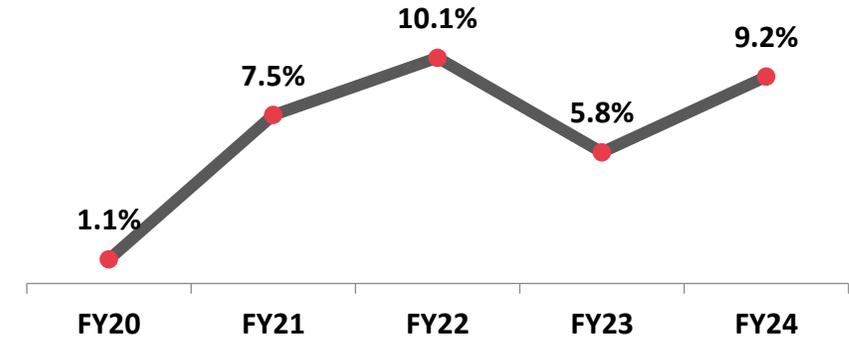
# Key Ratios



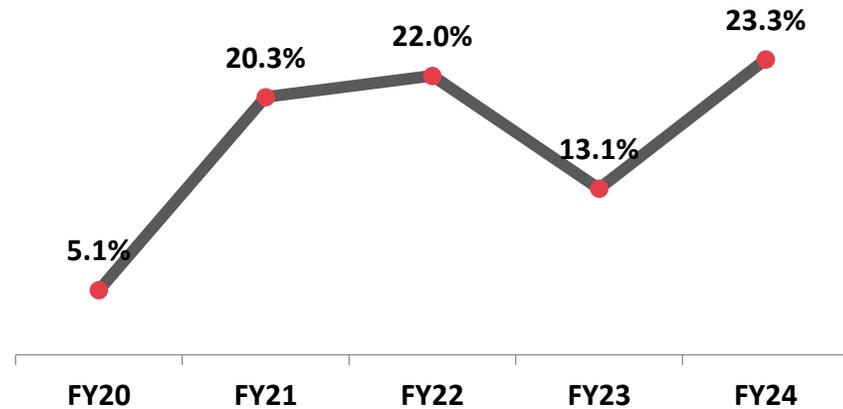
RoE(%)



RoA(%)



RoCE(%)



RoE = Net Profit/Net Worth | RoA = Net Profit/Average Total Assets / RoCE = EBIT/(Shareholders Fund + Total Debt-non current investments)

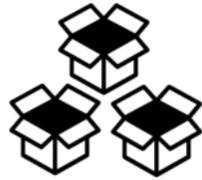


## Company Overview

# Company Snapshot



**38+ Years**  
Excellence in  
Manufacturing of  
Extrusion Machineries



**26+ Products**  
Across 6 different  
segments



**70+ Countries**  
We have  
exported to



**50+ years**  
Promoter's experience in  
the Industry



**5K+**  
Installations done

## FY24 - Financial Metrics



**₹ 140 Crs**  
Order Book



**₹ 197.35 Crs**  
Revenue from Operations



**₹ 26.68 Crs**  
EBITDA  
↑ 90.35% YoY



**23.29%**  
ROCE



**16.53%**  
ROE

# Vision & Mission



## Vision

'To become one of the most trusted and passionate solution providers for plastic extrusion machinery worldwide in the best interest of all the stakeholders, while pursuing ethical business practices'

## Mission

'Excellence in Extrusion' on one side is considered as a very well defined vision, however to one and all at Rajoo, the aphorism provides a license to innovate, simply because the word excellence has no static definition, it is relative and continually evolving

# About Us

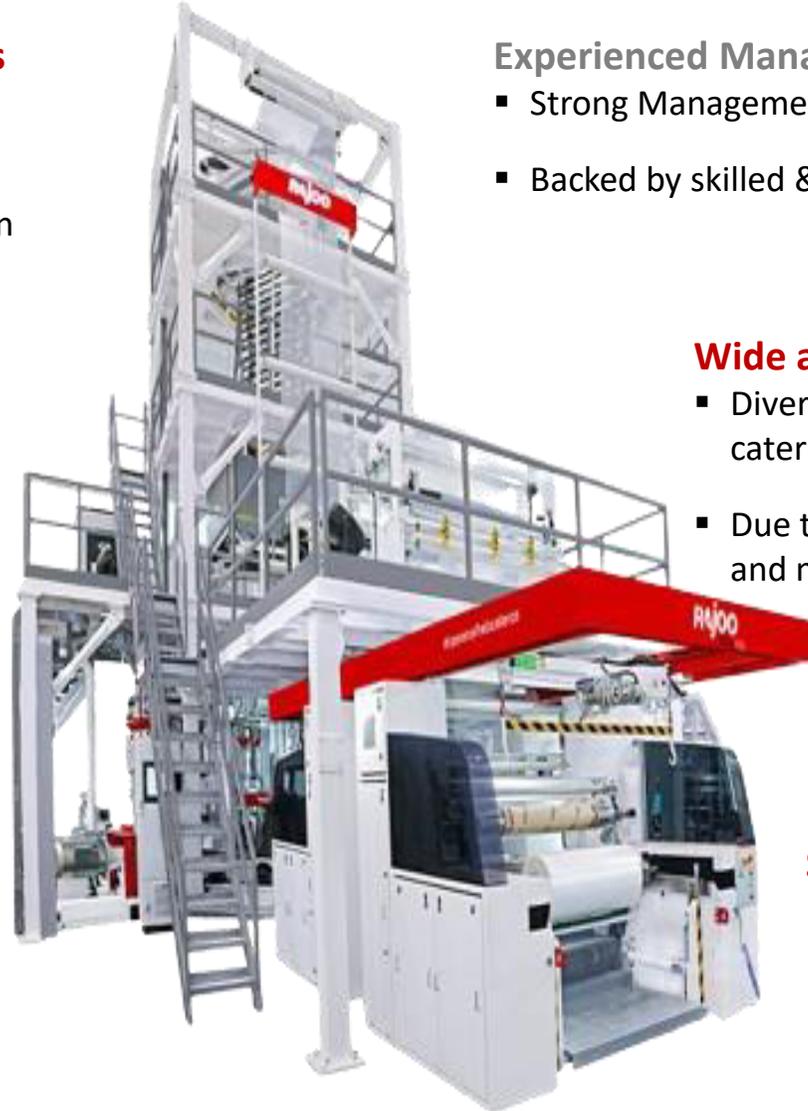


## Among leading extrusion machinery manufacturers

- Over three decades excellence in extrusion
- Knowledge, experience, technology assimilation and implementation are skills harboured by Company result in number of 'technology firsts' and ability to suit solutions to regional needs

## State of Art Integrated Manufacturing Facilities & R&D center

- World-class integrated facilities at Rajkot, Gujarat -comprise R&D, design office, tool-room, die shop, metal treatment shop, fabrication shop, paint shop, assembly shop and testing shop
- Implemented ERP System/ SAP – S4 HANA – an Industry First in India
- In-house R&D Center – Received DSIR approval



## Experienced Management Team

- Strong Management team with over 36 years of experience
- Backed by skilled & experienced operational and marketing team

## Wide and Diverse Product Portfolio

- Diverse product offerings across extrusion machinery catering to wide range of sectors
- Due to integrated facilities, capability to offer complete and most energy efficient products to customers

## Strong Geographical Footprint

- Installations across in more than 70 countries
- Latin America, Europe, North & South America, Middle East, Asia Pacific and Africa

# Journey So Far...



- Incorporated in 1986
- Launched – **FOILEX – Mono layer blown film line, LAMINA – Mono layer sheet extrusion line, AQUAFLEX – Downward film extrusion, FOMEX – Chemically formed blown film line.**
- 1st Indian Co-extrusion feed block for multilayer sheet line, foamed PVC profile line, Oscillating Haul-off system, Multifoil with lay flat width of 3000 mm
- Entry into International market with maiden export of blown film line to Tanzania
- Began operations at Rajkot and Technical collaboration with Wittey machinery, UK based Company
- Went public – issue oversubscribed by nearly 24 times

1986 - 1995

1996-2005

2006 - 2012

2013 - 2015

- **Expansion Product Portfolio** - Asia's first CE compliant 7 layer fully automatic blown film line to Turkey
- Technical Collaboration with Commodore Inc. U.S.A. (Tekni-Plex Inc.) for XPS sheet line & Hosokawa Alpine, Germany for blown film line
- Received award for Vacuum forming machine with mould : 7086 XPS & Labex -Nano 3 Layer Co-extruded Blown Film Line from IPMMI – IMDIR
- Wonderpack merger for benefit of thermoforming industry
- JV with Bausano of Italy, Plastic pipe manufacturing industry

- **Expansion of Product Portfolio**
- **Launched Dispocon** - Electro Hydro pneumatic plug assist Thermoformer
- Launched internal bubble cooling system for blown film line
- Awarded export excellence from EEPC
- Secured ISO 9001 certification
- Government recognition as STAR EXPORT HOUSE
- Developed CE complaint high output sheet line and exported to Germany

- Founder & Mentor Mr. C. N. Doshi awarded Life Time Achievement Award for his contribution to innovation by Elite Plus & Indian Plastics Institute
- Exported India's first ever twin screw PVC pipe plant
- Award received for Lamina – Nano 5 layer barrier sheet line from IPMMI-IMDIR
- Plasticon Silver Award received for world's smallest Labex - Three layer blown film lab line from Plast India Foundation
- **Expansion of Product Portfolio – MULTIFOIL Lite** – ABA blown film line, FLOWEX – PVC pipe plant and Wodoplex - WPC line with 70% sawdust processibility
- Displayed Asia's first and Rajoo's 21st five layer blown film line with elevated air ring at Plastindia 2015

# ...Journey So Far



- High Impact Alliance between Rajoo Engineers and Kohli Industries to Change Market Dynamics of Extrusion Coating & Lamination Machines
- Launched- India's 1st integrated, yet modular, non-woven fabric and automatic n95 mask making lines

- Acquired three industrial plots adjoining to the factory in Rajkot
- Ms. Khushboo Doshi, Honored with Entrepreneurs Award
- Formation of Shrutina Nexgen Solar LLP, in partnership with Rajoo Engineers Limited and Promoter Group Entities, focuses on establishing a captive solar plant for the use of green power
- Launches Proex – Series Of High performance Blown Film Line

2016 - 2018

2019 - 2020

2021 - 2023

2024

- Manufactured India's biggest 3 layer blown film with Vertical spiral die
- DISPOTILT - Innovation of polymer processing machinery
- Launched technologically advanced 5-axis machines
- Launched PentaFoil Series with low energy consumption certified by TUV
- 5s - Japanese workplace management Programme initiated
- 1st in Asia to Receive DISR Certification for R&D centre (innovation room)

- Launched PentaFoil® - POD – The new generations 5 layer blown film line
- Mrs. Khushboo Chandrakant Doshi awarded - Women Entrepreneur of the Year Award at India SME
- Launched Lamina® E – India's first mono & multi-layer EVA/POE Sheet line
- Received high value order of Rs. 31 Crs from Europe
- Receive high value order of 137 Crore & achieved export order of Rs. 106 Cr

# Experienced Management Team



## **R. N. Doshi - Chairman**

- Co-founder of Rajoo Engineers Limited
- More than 35 years of experience in plastic processing, machinery manufacturing, engineering and product innovation and development
- Responsible for R & D, business development and growth strategies

## **Utsav Doshi – Joint Managing Director**



- Joined in 2011 as an Engineer – Vender Development
- Holds a Bachelor's Degree in Mechanical Engineering with a Masters in Polymer technology from HTW Aalen University, Germany
- Functional expertise in Design and Operations and responsible for entire manufacturing activity at REL.

## **Prakash Daga - Chief Financial Officer**



- Over 25 years of Corporate Leadership Experience
- Holds bachelor's degree in Commerce and Law from Gujarat University
- Diversified experience of working with large and medium corporates in the areas of Finance & Accounts, Commercial Operations and Strategic Management

## **Manish Vasavada – Executive Vice President-Sales & Marketing**



- Joined in 2008 as Vice President sales and Marketing
- 2 decades of experience in capital goods industry
- A qualified Mechanical Engineer, with unique advantage due to his exposure to different functions of manufacturing as well
- Responsible for BD in Domestic market including Asian countries



## **Khushboo Chandrakant Doshi – Managing Director**

- Joined in 2007 as Head of Marketing and Communications
- An architect by education and holds Master's Degree in Industrial Product Design from UK and Masters in from IIM, Ahmedabad and Family Business from IIM Bangalore and Expertise in marketing, corporate branding, PR and Communication strategy

## **Sunil Jain – Executive Director**



- More than 40 years of experience
- Hold a Bachelor's degree in Mechanical Engineering from BITS (Pilani)
- Responsible for overall marketing, business development, diversification and growth strategies at corporate level and more than 35 years of experience in flexible packaging & plastic extrusion machinery industry

## **Jinesh Shah – Vice President -International Sales**



- Bachelors in Polymer Engineering & Post Graduated in Business Development
- Strong expertise in marketing & sales of capital goods backed by 17 years of experience in plastics industry and serves as a key member of NPD ( New Product Development) advisory committee

## **Subhaschandra Shenoy– Executive Vice President -Operations**



- PG Diploma in Operations Management, B.E (Mechanical)
- 30 years of increasingly responsible experience of proven success in Heavy machinery, Automotive Industries and FMCG in Operation, Engineering/Product, QA, Maintenance, Sales, HR & Admin, Legal, Finance, Strategy Planning, Implementation of Lean Manufacturing Systems, TS-16949, Kaizens, JIT, Toyota Production system, Cost reduction mechanism, OHSAS-18001, ISO-14001, TPM, CIP's

# Key Strengths

## Experienced Management

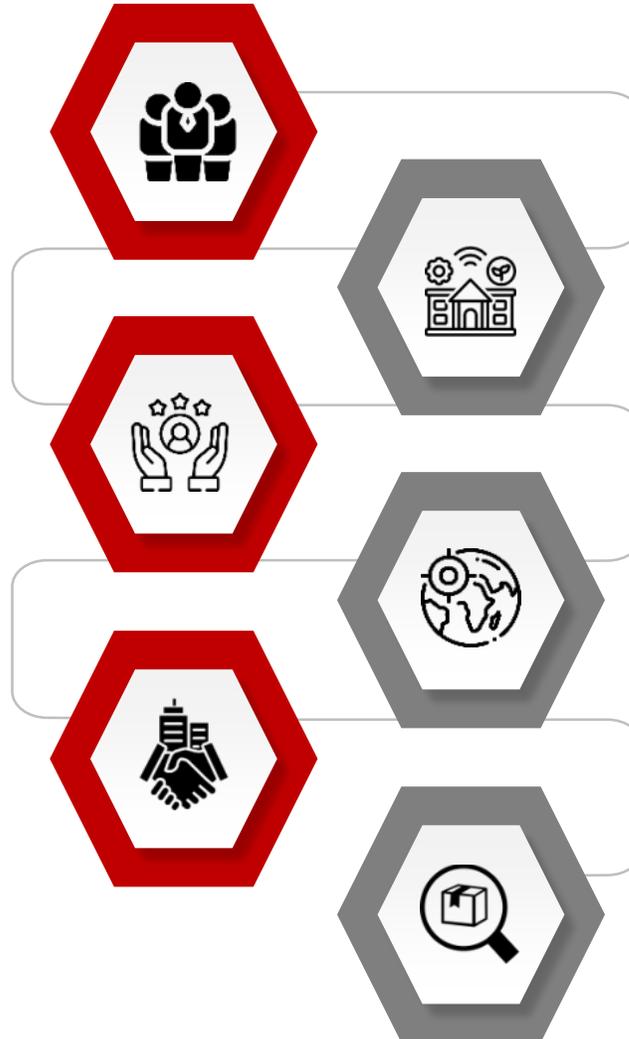
- Dynamic Experience leadership
- Significant experience in Blown Film Extrusion lines, sheet Extrusion lines and Thermoforming lines
- Dedicated, skilled employee base

## Strong Customer Loyalty

- ~60% of business, every year generated through repeat orders
- Key marquee customers like Uflex, Reliance Industries, Indian Oil, Binny Wads, Suvi International, synthetic Packaging, Abhinav Industries & S D International

## Key Strategic Partnerships

- Bausano & Figli- Italy, MEAF Machines B.V.- Netherlands, Wonderpack – Nashik(India)



## World Class Integrated Facilities

- Shree Yantralaya - Well Equipped dust free & fully AC tool room
- Shree Alekhalaya – 40+ Qualified Design Engineers
- In-house Modern Paint Shop, Shree Bhandaralaya – store room & Huge and Well-Equipped Assembly Shop
- Shree Vidhutralaya – In-house panel division

## Strong Geographical Footprint

- Installations in over 70 countries
- Latin America, Europe, North & South America, Gulf, East Africa, Northeast & West Africa, Southern Africa, Asia Pacific, Australia and Europe

## Complete product offering in extrusion machinery

- Knowledge, experience, technology assimilation and implementation are skills harboured by Company result in number of 'technology firsts and ability to suit solutions to regional needs
- Only Company in India to offer most 'energy efficient' products



# Industry Overview

# Plastics Processing Industry Overview (2021-24) - India



- Plastics Processing Industry is robust and has potential to become significant part of India's manufacturing economy as in industrialized countries like Germany, Italy, France, USA, Canada, Japan, China, Taiwan, South Korea
- More than 2 lakh core machines are presently in operation producing various products adopting processes like Injection Moulding, Extrusion and Blow Moulding etc
- The machinery market is growing @ 8.5% over the last 4 years
- Processing Machinery Exported to over 50 countries
- Machinery Building activity remains quite labor intensive, while being highly technical
- Industry employs different skill levels from the various strata of the society
- There are 20+ major manufacturers of machinery and nearly 300+ small & medium manufacturers



# Core Processing Machinery Trends



## Core Processing Machinery Additions Last 4 Years

Description	No. of Machines					4 Years CAGR
	2017-18	2018-19	2019-20	2020-21	2021-22	
Injection Moulding	7,560	9,650	8,350	8,600	10,050	7.4%
Extrusion	2,400	2,950	3,100	3,200	3,700	11.4%
Blow Moulding	650	775	700	900	950	10.0%
<b>Total</b>	<b>10,610</b>	<b>13,375</b>	<b>12,150</b>	<b>12,700</b>	<b>14,700</b>	<b>8.5%</b>

Description	Investment in INR Crores					4 Years CAGR
	2017-18	2018-19	2019-20	2020-21	2021-22	
Injection Moulding	2,450	3,450	2,950	2,500	3,625	10.3%
Extrusion	2,300	2,850	3,625	3,745	5,690	25.4%
Blow Moulding	425	500	490	630	640	10.7%
<b>Total</b>	<b>5,175</b>	<b>6,800</b>	<b>7,065</b>	<b>6,875</b>	<b>9,955</b>	<b>17.8%</b>

## Plastics Machinery Projections

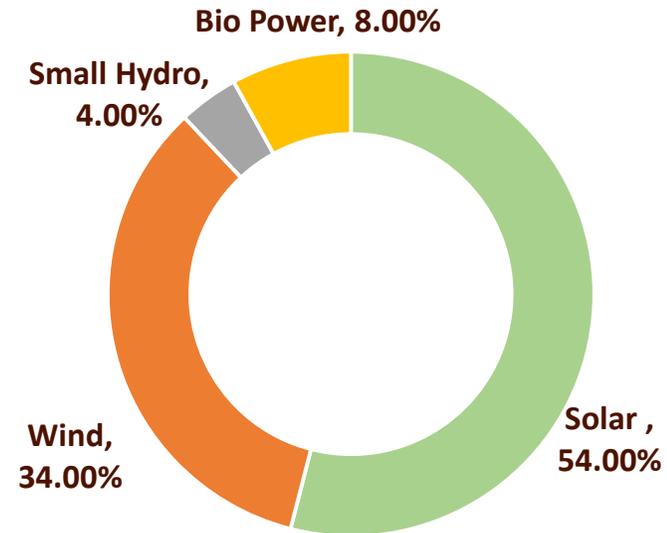
Description	No. of Machines				4 Years CAGR
	2022-23(E)	2023-24(E)	2024-25(E)	2025-26(E)	
Injection Moulding	10,800	11,750	12,650	13,700	8.1%
Extrusion	3,950	4,200	4,450	4,700	6.2%
Blow Moulding	1,000	1,080	1,150	1,200	6.0%
<b>Total</b>	<b>15,750</b>	<b>17,030</b>	<b>18,250</b>	<b>19,600</b>	<b>7.5%</b>

Description	Investment (in INR Crores)				4 Years CAGR
	2022-23(E)	2023-24(E)	2024-25(E)	2025-26(E)	
Injection Moulding	4,000	4,400	4,850	5,350	10.20%
Extrusion	6,150	6,650	7,200	7,800	8.2%
Blow Moulding	690	750	800	870	8.0%
<b>Total</b>	<b>10,840</b>	<b>11,800</b>	<b>12,850</b>	<b>14,020</b>	<b>8.9%</b>

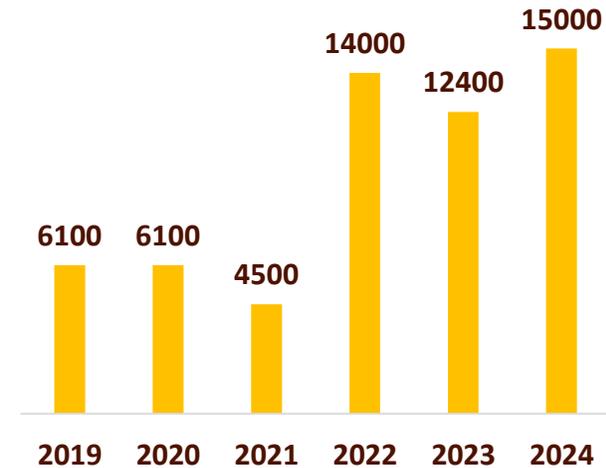
# Renewable Energy High Growth Opportunity

- Renewable energy sources have a combined installed capacity of 150+ GW
- As of May 2024, Renewable energy sources, including large hydropower, have a combined installed capacity of 193.57 GW
- 50 solar parks with an aggregate capacity of 37.49 GW have been approved in India. Wind Energy has an off-shore target of 30 GW by 2030, with potential sites identified

RE Installations as on 30<sup>th</sup> June 2024



Annual Installations Capacity (MW)



As of March 2024, India's installed renewable energy capacity stood at 193.57 GW, representing 48.99% of the overall installed power capacity

**India has ambitious plans to reach RE 450GW target by 2030 - about 280 GW (over 60%) is expected from solar**



## Business Overview



# Strong & Diverse Product Portfolio...

## Mono & Multilayer Blown Film Lines

- Aquaflex
- Foilex
- Multifoil
- Multifoil lite
- Heptafoil
- Pentafoil
- Nonafoil
- Lab Equipment

## Mono & Multilayer Sheet Lines

- Lamina
- Lamina e'
- Lamina rPET
- Fomex
- Lab Equipment

## Thermoforming & PS Foam Vacuum Forming Machines

- Dispocon
- Dispocon-MS
- Dispocon-F
- Dispotilt

## Mono & Multilayer Extrusion Coating & Lamination Line

- Lamex

## PVC Segment

- Twin screw uPVC & CPVC Pipe Plants
- PVC Compounding Lines
- WPC Profile and board lines
- uPVC profile lines
- PVC blood pouch and medical tube lines
- HDPE/PPR pipe extrusion line

## Cross Lamination Film Line

- Multifoil-X

**...Catering to wide array of Industry Sectors**

# Mono & Multilayer Blown Film Line



## Product Applications

**AQUAFLEX®** - Downward Extrusion Blown Film Lines



Bakery Product Packaging



Flowers Packaging



Rice, Flowers, Dry Fruits

**FOILEX®** - Monolayer Blown Film Lines



Carrier Bags



Stretch Wrapping Film



Chocolate Packaging

**HEPTAFOIL®** - Seven layer Blown Film Lines



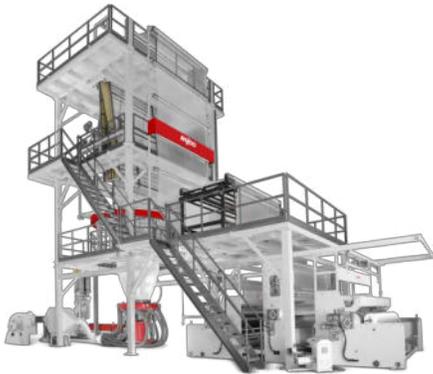
Oil packaging,



Meat packaging films



UHT Milk Packaging



# Mono & Multilayer Blown Film Line...(1)



## Product Applications



**MULTIFOIL® - Multilayer Blown Film Lines**



**Biscuit packaging,**



**Soap packaging**



**Beverage Packaging**



**MULTIFOIL® Lite- Two Extruder 3 Layer Aba Blown Film Line**



**Shopping & Courier Bags**



**Product Packaging**



**Beverage Packaging**



**Multifoil -X® - Cross Lamination Film Line**



**Shopping & Courier Bags**



**Product Packaging**



**Product Packaging**

# Mono & Multilayer Blown Film Line...(2)



**PENTAFOIL®** – Five layer Blown Film Lines



Compression packaging,



Carrier Bags



Shrink Film



**NONAFOIL™** – Nine layer Co-extruded Blown Film Lines



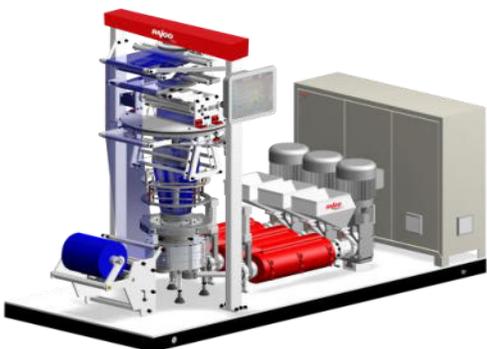
Cheese packaging,



Fruit & Vegetable Packaging



Meat Packaging



**LABEX®** - Lab Equipment



Lab Equipment



# Mono & Multilayer Sheet Lines



**LAMINA<sup>®</sup> - Mono & multilayer sheet lines for PP/EVA/PS**

## Product Applications



**Stationary**



**File Folder**



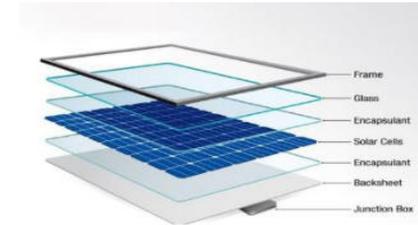
**Box Packaging**



**LAMINA<sup>®</sup> e Sheet Extrusion Technology For Solar Modules**



**Solar**



**EVA Sheet**



**Solar Cells**



**LAMINA<sup>®</sup> rPET - PET sheet lines**



**Laminated Sheet**



**Box Packaging**



**Cut-Fruit Container**

# Mono & Multilayer Sheet Lines...(1)



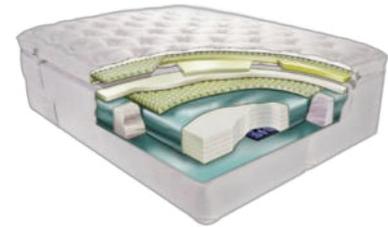
## Product Applications



**FOMEX™ - Physically Foamed Sheet Extrusion Line**



**Disposable Food Containers**



**Product Packaging**

# Thermoforming & PS Foam Vacuum Forming Machines **RAJOO**<sup>®</sup>

excellence in extrusion

## Product Applications



**DISPOCON<sup>®</sup>** -Hydraulic And Servo Thermoformers



Glasses & Cups



Stretch Wrapping Film



Fruit & Vegetable Containers



**DISPOCON<sup>®</sup>** -MS Multistation Thermoforming Machine



Food Packaging



Disposable Egg Trays



Fruit & Vegetable Containers



**DISPOCON-F<sup>®</sup>** - Thermoforming & PS Foam Vacuum Forming Machines



Dipocon - F



# Thermoforming & PS Foam Vacuum Forming Machines

**RAJOO**<sup>®</sup>  
excellence in extrusion

**DISPOTILT**<sup>®</sup> – Tilting Mould  
Thermoforming Machine



Flowres Packaging

**Product Applications**



Glasses & Cups



# Mono & Multilayer Extrusion Coating & Lamination Line

**RAJOO**<sup>®</sup>  
excellence in extrusion



**LAMEX**<sup>®</sup> – Extrusion  
Coating & Lamination Line

## Product Applications



Biscuits packaging,



Wafers Packaging



tons

# PVC Segment



**FLOWEX® - Twin Screw UPVC and CPVC Pipe Plant**



**GRANULEX® - PVC Compounding Lines**

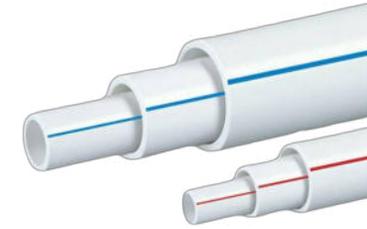


**WOODPLEX® - WPC Profile and Board Lines**

## Product Applications



**CPVC Plumbing Pipe**



**UPVC Plumbing Column Pipe**



**AGRICULTURE - SWR & CASING PIPE**



**Rigid PVC Pipe And Fittings Compound**



**Soft PVC Cable Compound**



**Soft PVC Medical Compound**



**WPC Door Frame Profile**



**WPC Doors**



**WPC PVC Foam Board**

# PVC Segment...(1)



## Product Applications



UPVC Profile Lines



UPVC Casement Profile



UPVC Window Profile



UPVC Specialized Profile



TUBEX® - PVC Blood Pouch and Medical Tube Lines



PVC Medical Tube



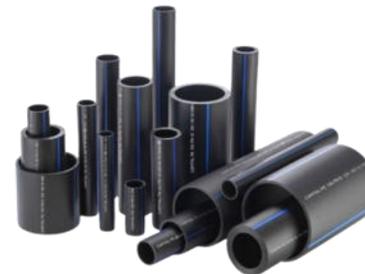
PVC Medical Tube



PVC Blood Pouch



FLOWEX® - HDPE/PPR Pipe Extrusion Line



PVC Medical Tube



PVC Medical Tube



PVC Blood Pouch

# ....with World Class Integrated Facilities



## **Shree Yantralaya – Tool Room**

- State-of-the-art tooling zone ensures higher accuracy level in all critical components

## **Shree Aalekhalaya – Design Department**

- 40 Qualified Design Engineers

## **In-house Modern Paint Shop**

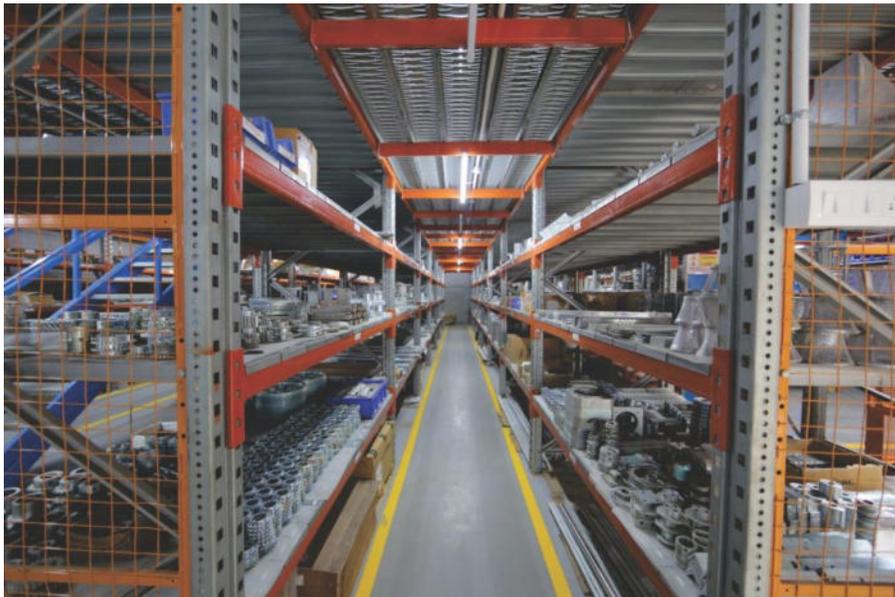
- In-house modern paint shop facility – first of its kind in Asian industry
- Ensures long life of paint and improves machine aesthetics

## **Shree Bhandaralaya – Store Room**

- Set up store christened “Shri Bhandaralaya” with hi-tech facilities for proper storage and retrieval

## **Huge and Well-Equipped Assembly Shop**

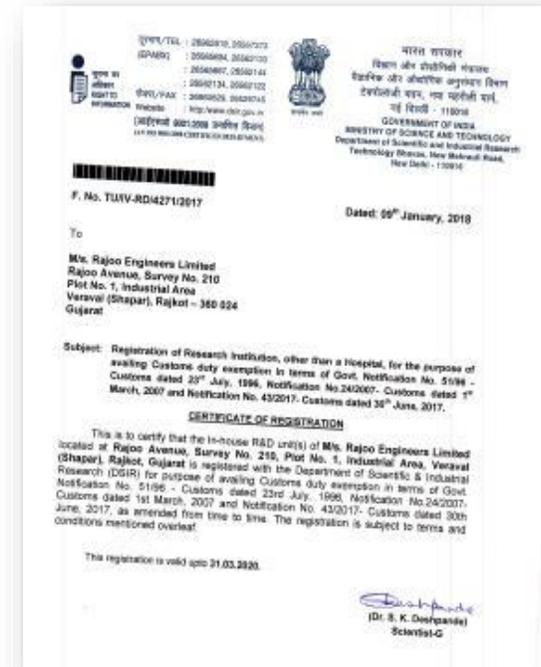
- Three different assembly shops partitioned to accommodate machines of different heights and lengths
- Highly skilled fitters with experience of over 25 years, assemble lines
- Machines tested thoroughly for performance in line with customer’s specifications before dispatch



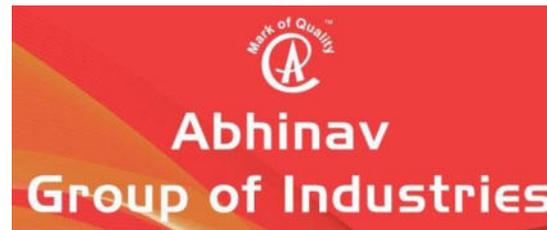
# ....Backed by Strong R&D – ‘Innovation Room’



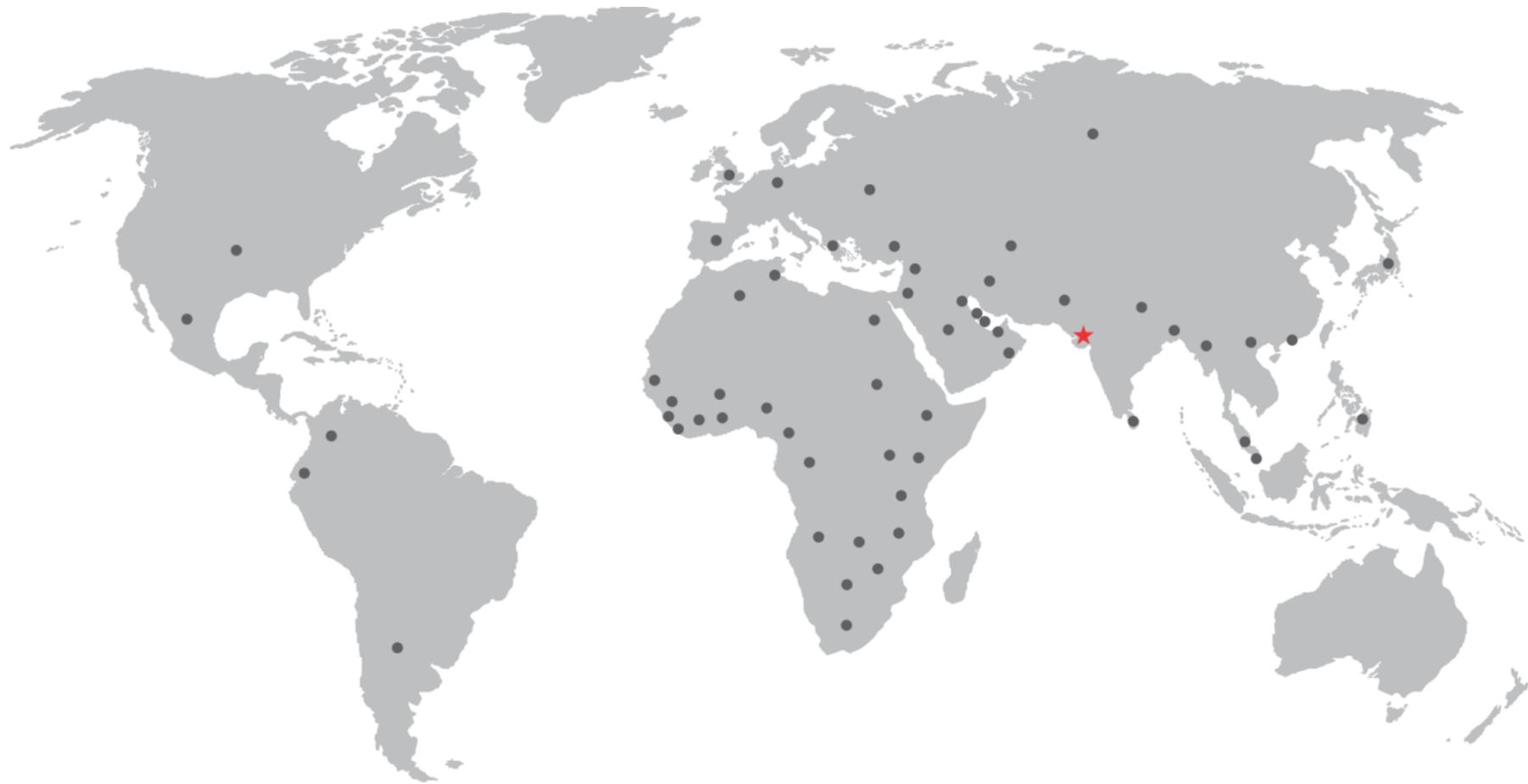
- **Set up R&D Center – ‘Rajoo Innovation Centre’**
- R&D Centre for customers – enabling customers to test run products, offering total and customized products
- Received approval from DSIR (Government of India)



....Leading to suite of Marquee Customers



...Creating Strong Global Presence...



**38+**

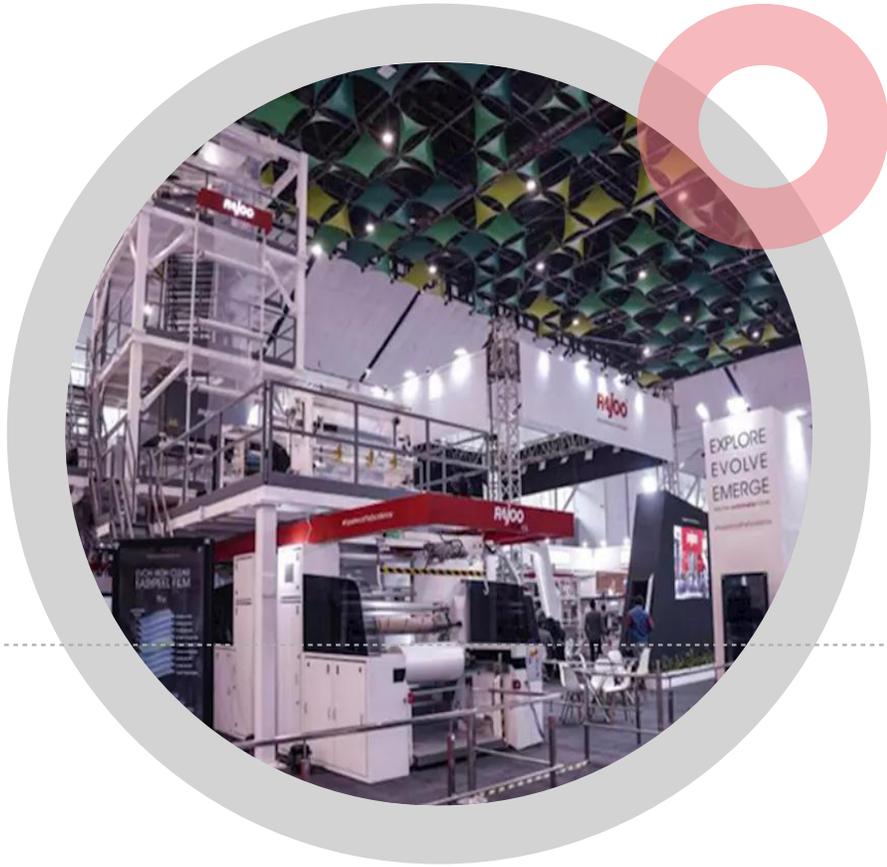
Years of Excellence in Extrusion

**70+**

Countries we have exported to

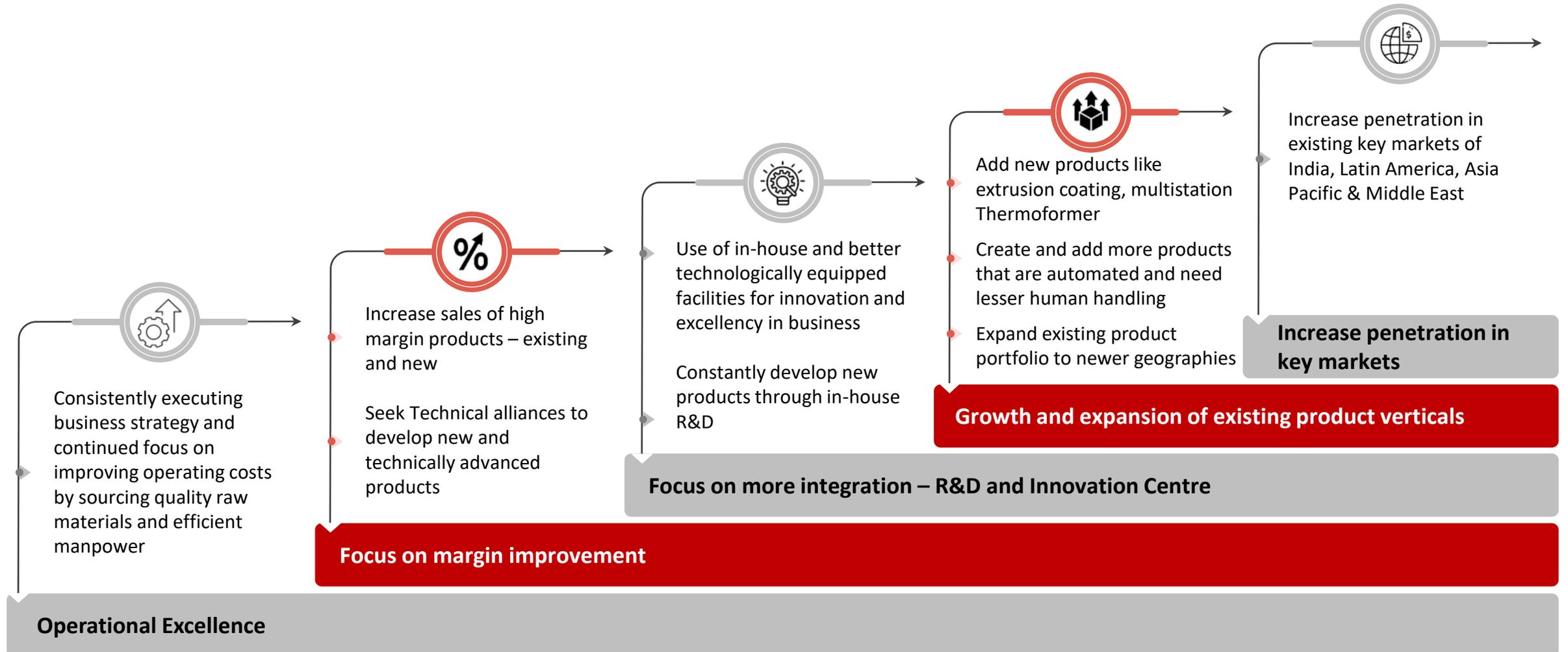
**5K+**

Installations



Way Ahead

# Way Ahead



# Thank You



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**Rajoo Engineers Limited.**

Mr. Rohit Sojitra

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www.rajoo.com

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**Investor Relations Advisors :**

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