



PLA TEC
U.S.A.

Plastec U.S.A. Incorporated
7752 N.W. 74th Avenue, Miami, FL 33166
Tel.: (305) 887-6920
plastec@plastecusa.com
www.plastecusa.com

RRP®

AT THE **CORE** OF YOUR BUSINESS

GO GREEN EXTRUSION



EXCEL WITH THE POWER OF **E3** EXTRUSION



ENERGY
SAVING



EFFICIENT



ECONOMICAL

SHEET APPLICATIONS

PP/PS/HIPS - MONO/MULTILAYER SHEETS FOR THERMOFORMED DISPOSABLES / CONTAINER.



R-PET/A-PET/PET G/PLA SHEET FOR BLISSTER PACKAGING, VACCUMFORMING, STATIONERY APPLICATION, ELECTRONIC PACKING ETC.



LEADER IN EXTRUSION LINE
FOR
MORE THAN 3 DECADES

JOURNEY
BEGINS
IN 1981

SUCCESSFUL INSTALLATIONS FOR MORE THAN
1800 PLASTIC EXTRUSION MACHINES
ACROSS INDIA & THE GLOBE

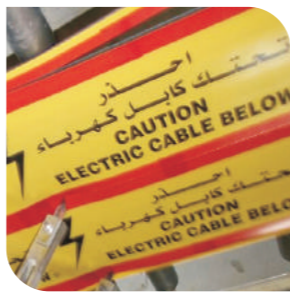
PP/PE THICK & WIDE WIDTH SHEETS FOR INDUSTRIAL APPLICATIONS.



HIPS/ABS/PC SHEETS FOR AUTOMOBILES / HOUSEHOLD APPLIANCES.

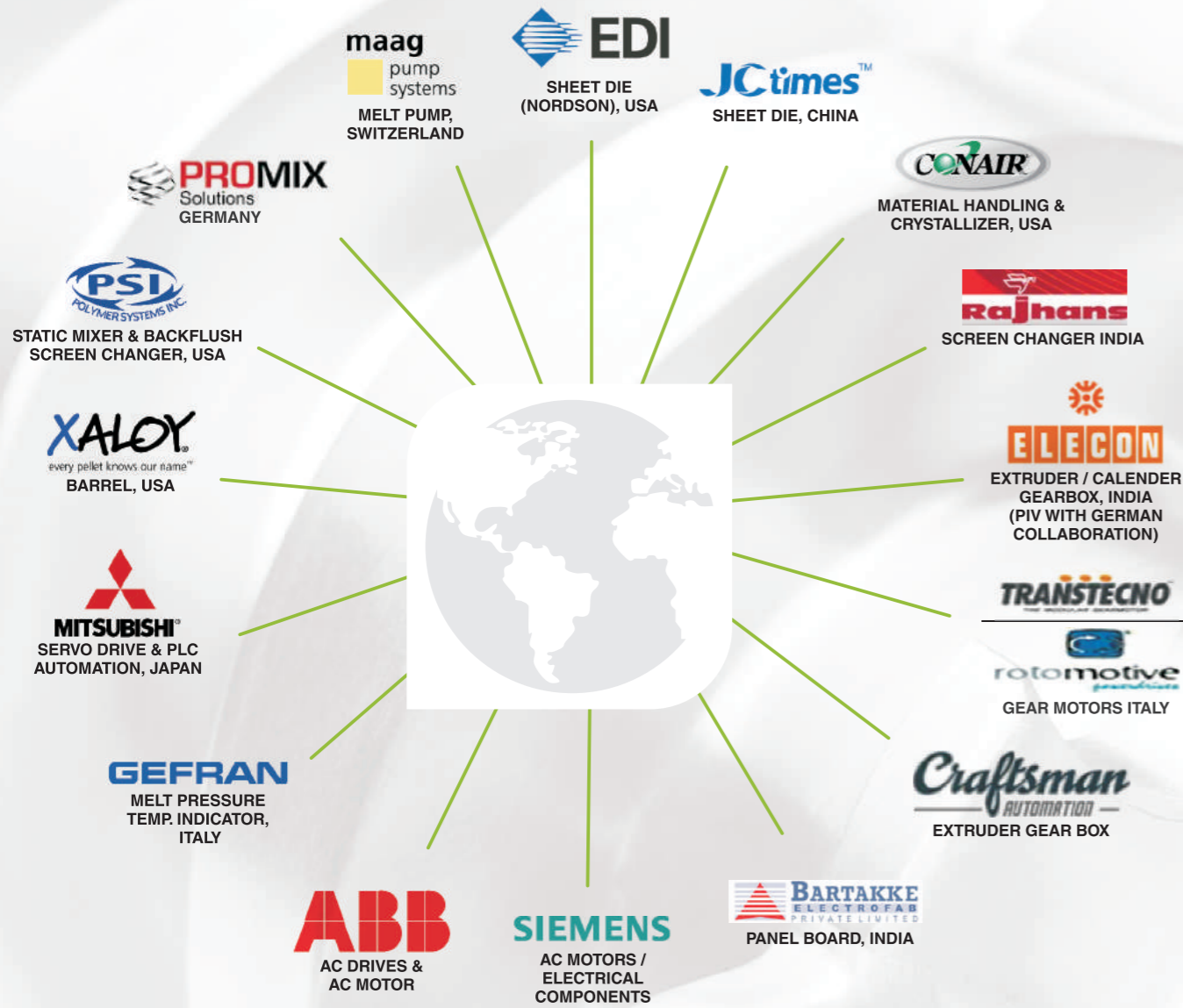


PC/PMMA/PS SHEETS FOR DECORATIVE / ROOFING APPLICATIONS.



PP/PE THICK CABLE TILE / WARNING SHEETS.

WORLD CLASS COMPONENT MAKE WORLD CLASS MACHINE



WE BELIEVE IN QUALITY.

Since 1981...

At R R PLAST, we have constantly kept on improving our products together with the help of Modern day science, technology and human element. We adopt, latest design technologies in the manufacturing of screw and barrel which is the heart of extrusion line and the latest innovation in the design of post extrusion equipment.

Our vision is to be a Benchmark in Manufacturing of Worldclass Plastic Extrusion lines across the Globe. Based on the spirit of this principle, we have achieved the excellence in our machines, in addition to the Customer satisfaction and due cooperation in development of our products over the past 35 years.

GROWING GLOBAL COMPANY

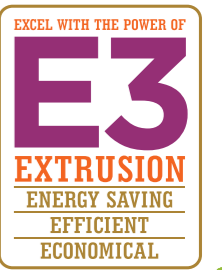
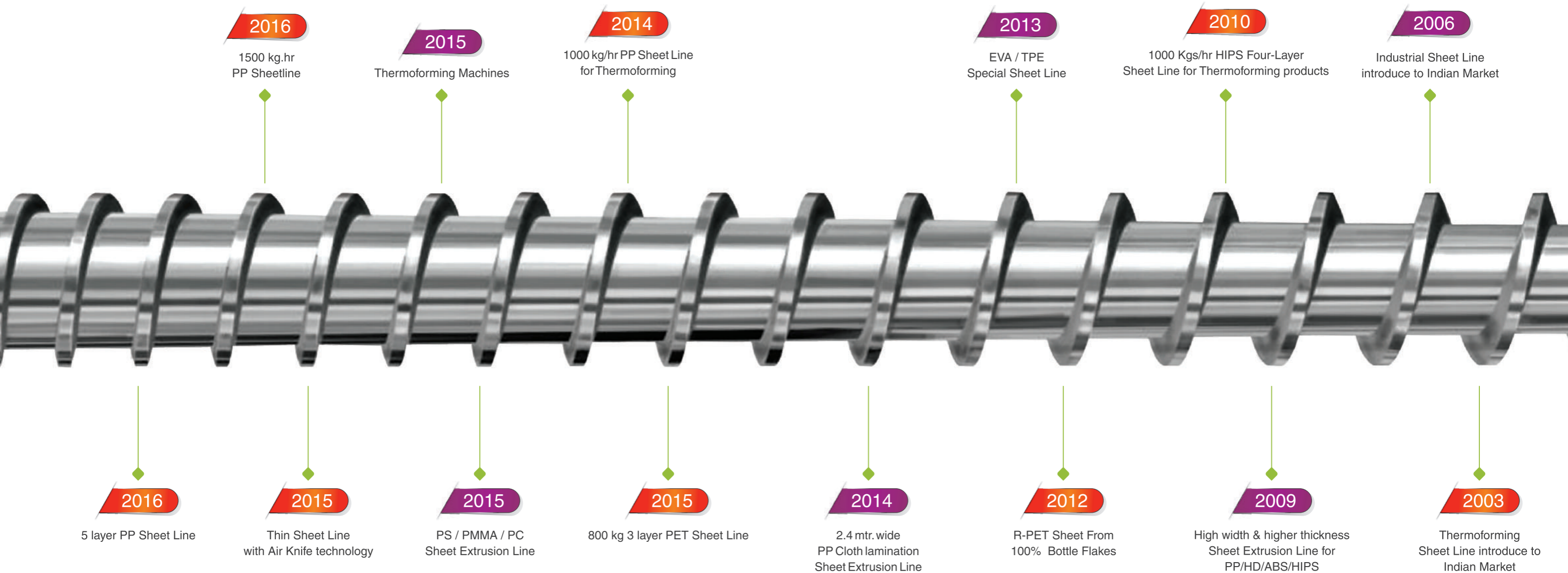
- State-of -The Art Factory Equipped with Modern Age Equipments
- Capability to manufacture and test 10 or more no. of machines per month
- Spread over an Area of 31,095.741 Sq. Yard
- We have installed more than 700 Sheet lines and 150 Inline Round Drip Irrigation Pipe Plants

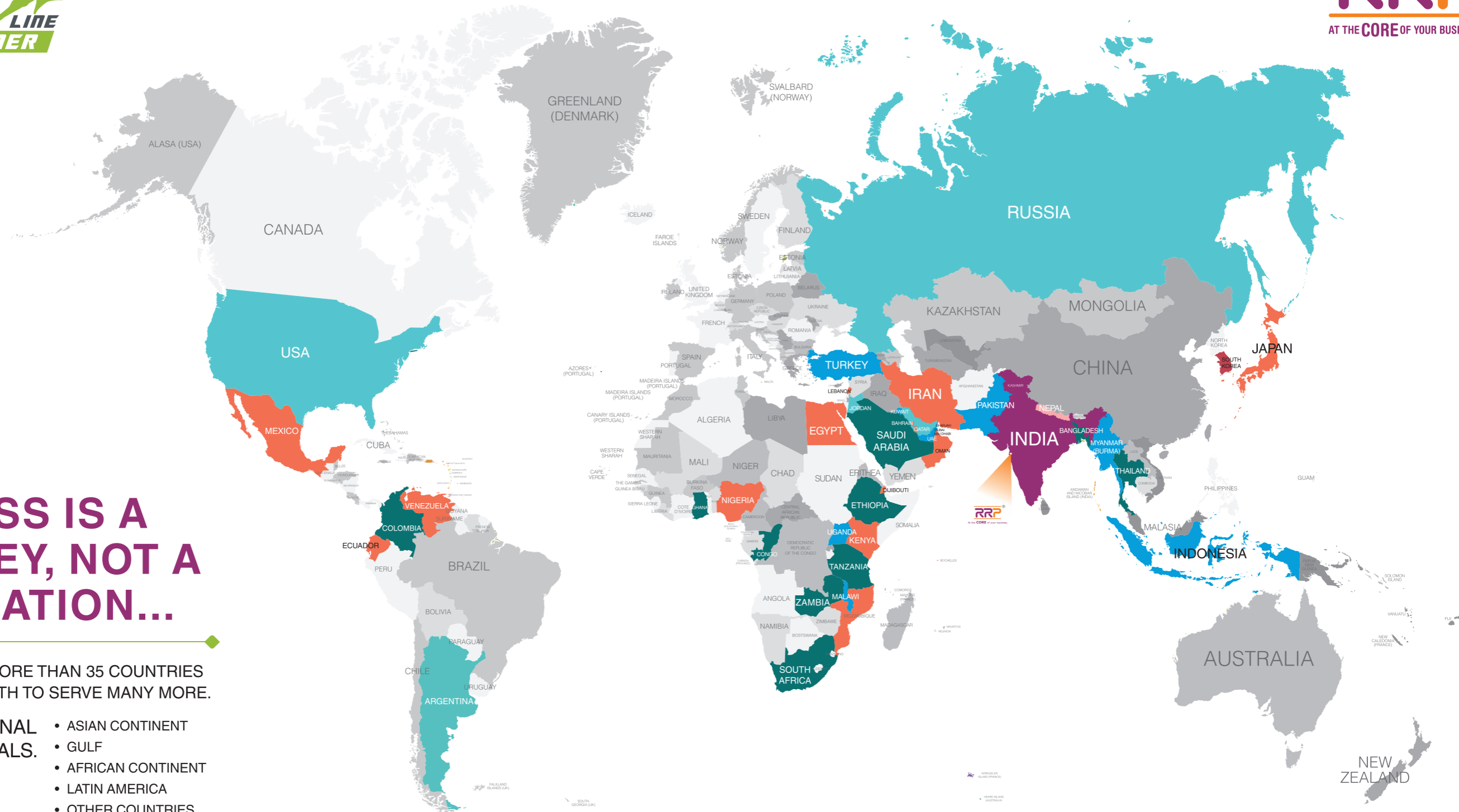


THE COMPANY WITH
A PEDIGREE EXPERIENCE OF
36 YEARS
IN PLASTIC EXTRUSION
MACHINERY & EQUIPMENTS

**UNSEEN PERFORMANCE.
VISIBLE SUCCESS!**

**NEW BENCHMARK IN
EXTRUSION LINES.**





SUCCESS IS A JOURNEY, NOT A DESTINATION...

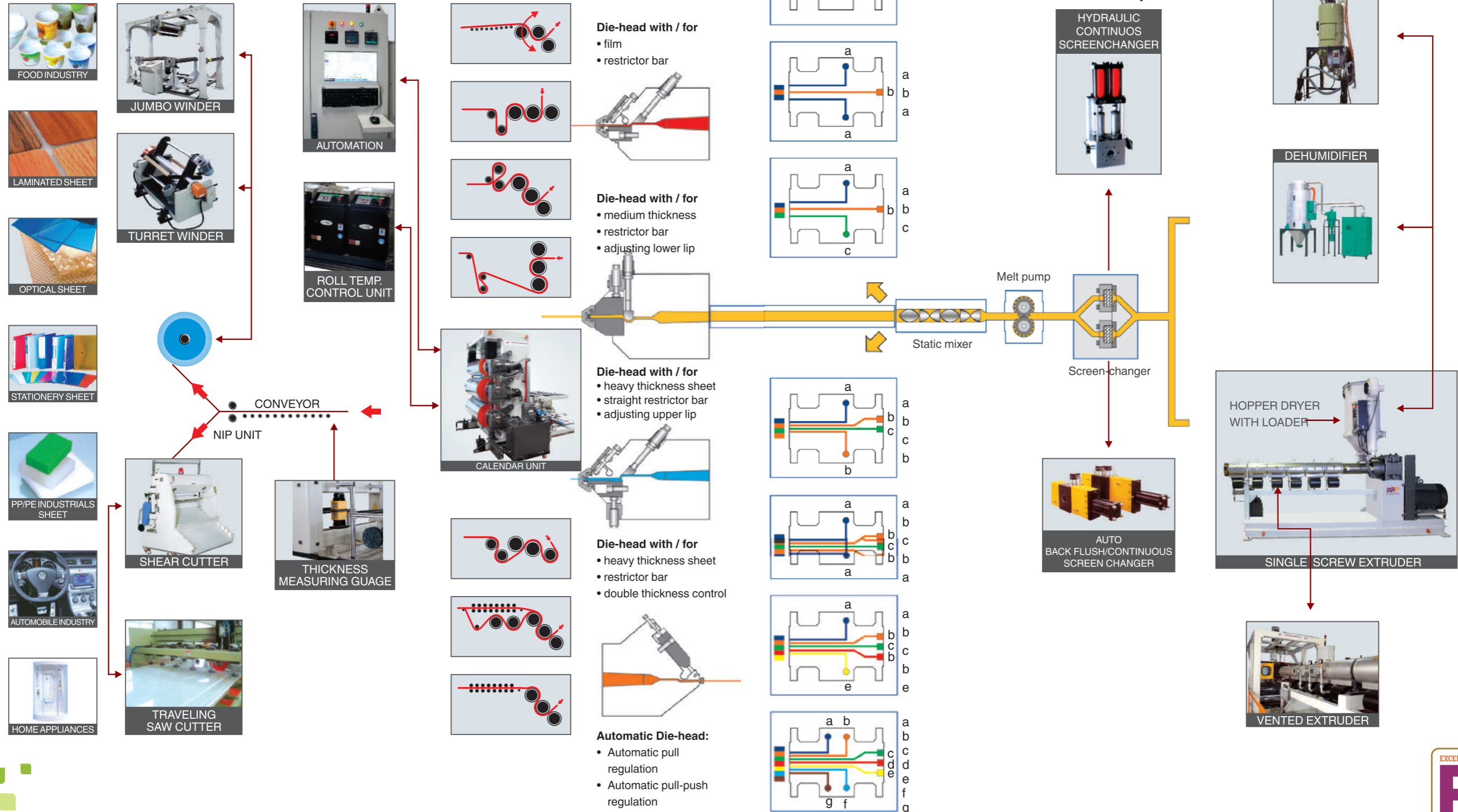
WE HAVE SERVED MORE THAN 35 COUNTRIES AND ARE ON THE PATH TO SERVE MANY MORE.

OUR INTERNATIONAL CREDENTIALS.

- ASIAN CONTINENT
- GULF
- AFRICAN CONTINENT
- LATIN AMERICA
- OTHER COUNTRIES



SHEET EXTRUSION LINE LAYOUT



THE INNOVATION LEADER IN THERMOFORMING INDUSTRY

Power Consumption

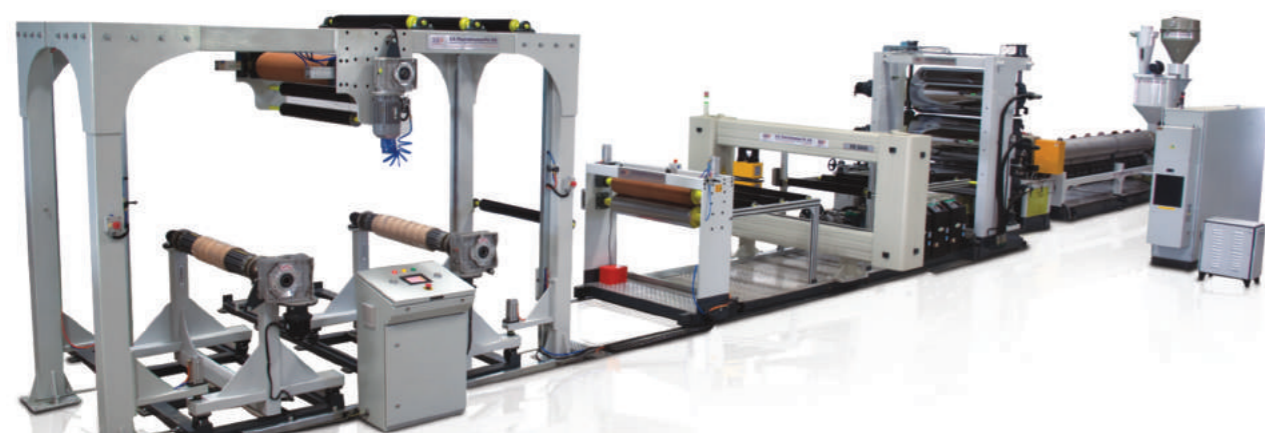
PP Sheet - 0.2 kw/kg.hr
PS Sheet - 0.18 kw/kg.hr

GUARANTEED



1000 KG/HR

HIPS / PP SHEET LINE FOR MULTILAYER / HIGHER SHEET PRODUCTION



RRP Offers-Eco-Efficient Sheet Extrusion Lines

ECO EFFICIENT EXTRUDER			
Power Consumption	0.20 kw. kg/hr - PP		
Power Consumption	0.18 kw. kg/hr - HIPS		
EXTRUDER	MOTOR	PP	HIPS
	(kw)	(kg/hr)	(kg/hr)
RREX-65/33	45	250	300
RREX-65/33	55	300	400
RREX-75/33	90	400	500
RREX-75/36	132	600	750
RREX-90/33	160	700	900
RREX-90/36	200	850	1050



- MELT PUMP WITH WIDE WIDTH CALENDAR UNIT / SHEET DIE
- PLC BASED SOFT TOUCH SCREEN OPERATION

**R-PET / A-PET /
PET G / PLA**
SHEET EXTRUSION LINE

**WITHOUT
DEHUMIDIFIER**



**R-PET SHEET FROM
100% BOTTLE FLAKES**



**0.33
kwh.kg.hr**

APPLICATIONS

- PET – Thermoforming Sheets, Blister Packaging Films, Folded Packaging, Lamination for Form Fill Seal (FFS), Value Added Packaging, Labels and Decals, Toy Boxes, Stationery Cases, Tools & Hardware Packaging
- PLA's Packing material in Microwave Ovens
- For Cosmetics, Medicine, Stationery, Alcohol and Food Packaging
- PLA can be used in Rigid Packaging of Fruits, Vegetables, Eggs, Cooked Food, Roast Foods, Biscuits, Sandwiches & Fresh Flowers
- Fold Forming, Under Collar, File Folder Document Cover, Credit Cards and Medical Equipments

TECHNICAL SPECIFICATION				
Material	Layers	Sheet		Output
		Width	Thickness	
APET	1 Layer			200 to
PET G+APET	2 Layers	500 to	0.2 to	1000
APET+RPET+APET	3 Layers	1500mm	1.5mm	kg/hr

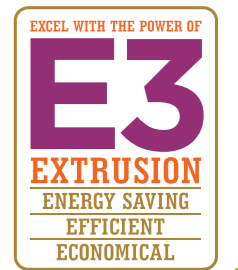
R-PET SHEET

FEATURES

- Tripple vented extruder
- Auto backflush screen changer
- A-B-A Three Layer Feedblock
- Special designed Hori-Inclined servo Driven Calendar unit.
- Silicon coating & drying
- Thickness measuring gauge
- Auto thickness control sheet die



**SPECIAL DESIGNED
HORI-INCLINED
SERVO DRIVEN
CALENDAR UNIT**

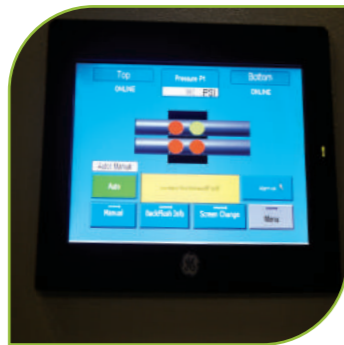


FEATURES OF PET SHEET EXTRUSION LINE

WITHOUT
DEHUMIDIFIER



AUTO BACKFLUSH TOUCH
SCREEN OPERATION



CRYSTALLIZER



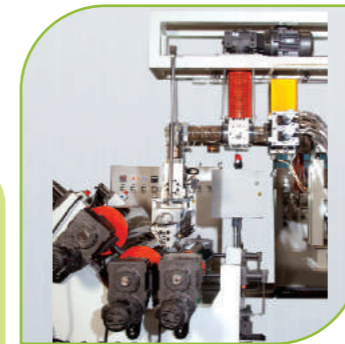
R-PET / A-PET /
G-PET SHEET

A-B-A
THREE
LAYER

AUTO BACKFLUSH
SCREEN CHANGER
& MELT PUMP



HORI INCLINED CALENDAR
UNIT WITH VERTICALLY
DOWNWARD DIE



INCLINED CALENDAR UNIT
WITH INCLINED DIE



TRIPPLE VENTED
EXTRUDER



**PP / PS / HIPS
MONO / MULTILAYER
CO-EXTRUSION
SHEET LINE**

THERMOFORMING & VACUUMFORMING APPLICATIONS



1000 KG/HR - 4 LAYER (A-B-A-C) HIPS SHEET EXTRUSION LINE

MULTILAYER SHEET IN DIFFERENT OPTIONS

Running Model					
Material Feeding Form					
Materials	PS+HIPS EVA+PE PMMA+ABS ABS+HIPS APET+PETG	PS+HIPS EPP+PP+EPP EVA+PE+EVA ABS+HIPS+ABS HIPS+SCRAPS+HIPS	PMMA+HIPS+ABS HIPS+SCRAPS+PS	HIPS+SCRAPS +HIPS+PS	PS+HIPS+SCRAPS+HIPS+PS ABS+HIPS+SCRAPS+HIPS+ABS PP+ADH+EVOH+ADH+PP



FEATURES

- Individually driven Vertical / Inclined Calendar Unit
- Precisely manufactured rollers Hardened and Mirror finished surface for superior surface properties and excellent thickness control
- Motorized/Hydraulic gap adjustment for calendar rolls for quick product changes
- Multilayer Feed Block & Flat sheet dies
- Melt pump for better pressure control for consistent thickness
- Automation through PLC with touch screen
- Specially Designed Winding System for Jumbo Rolls and 2/3 station Turret Winder
- Online Trim Recycling arrangement
- Lowest investment cost per ton of installed capacity

PLC BASED SOFT TOUCH SCREEN OPERATION

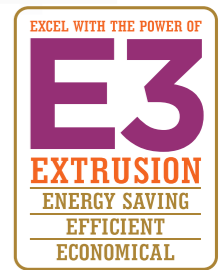


APPLICATIONS

- Cups & lids for Dairy Products, Yoghurt, Milk & Ice Creams
- Drinking cups / glasses
- Containers for fruit, vegetables & sweet packing
- Meal trays for microwave ovens
- Flower Pots, transportation trays & Agricultural Products

TECHNICAL SPECIFICATION				
Material	Layers	Sheet		Output
		Width	Thickness	
PP	1 Layer	400 to 1500mm	0.25 to 2.0mm	200 to
HIPS/PS	2 Layers			2000
PS/HIPS/PS	3 Layers			kg/hr
PP/Tie/EVOH/Tie/PP	5 Layers			

VERTICAL CALENDAR UNIT



3 / 5 LAYER PP SHEET LINE

FEATURES

- Thickness variation \pm 3% GSM
- High Gloss & Matt Finish Sheet
- Sheet Surface Without Warpage
- Sheet Winding Without Edge Lifting
- Sheet Accumulator for Higher Line Speed
- Multi Layer Sheet for Barrier Application



AUTO MATERIAL HANDLING SYSTEM



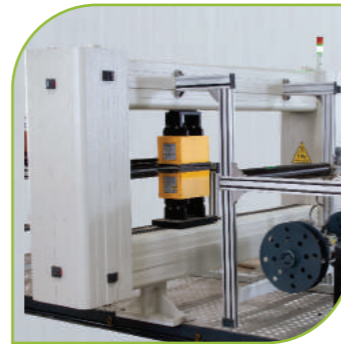
MULTI LAYER
FEEDBLOCK



DEGASSING
EXTRUDER



SHEET THICKNESS
MEASURING GAUGE



PLC BASED SHEET THICKNESS
MEASUREMENT & CONTROL

MULTI STATION
TURRET WINDER



MULTI STATION
JUMBO WINDER



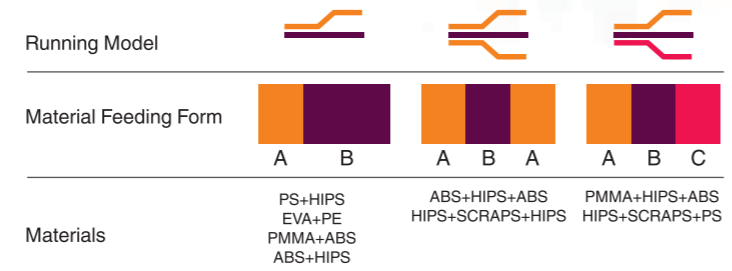
HIPS / ABS / PC / PMMA / PS SHEET EXTRUSION LINE



- APPLICATIONS**
- **HOME APPLIANCES & INSTRUMENTS**
Refrigerator Parts, TV / Computer Cabinet, Toys, Chair Back seat, Lamp & Lanterns material for electronic items, Air Conditioners, LCD for Mobiles, Computer, Sunglasses, Helmets
 - **SANITARY WARES**
Bath Tubs, Shower cabinet, Washing Bowl, Vapour Room
 - **ADVERTISING**
Guiding board, Machinery sign, Indoor decoration
 - **LUGGAGE**

TRANSPARENT DECORATIVE SHEET, APPLIANCES AND AUTOMOBILE SHEETS

MULTILAYER SHEET IN DIFFERENT OPTIONS



TECHNICAL SPECIFICATION				
Material	Layers	Sheet		Output
		Width	Thickness	
PC / PMMA / ABS / GPPS	1 Layers	700 to 2500mm	0.5 to 6mm	200 to 1500 kg/hr
	2 Layer		1 to 10mm	
	3 Layers		2 to 20mm	
	4 Layers		4 to 40mm	
	5 Layers			

DIAMOND PC/PMMA SHEET



DECORATIVE SHEET



ROOFING SHEET



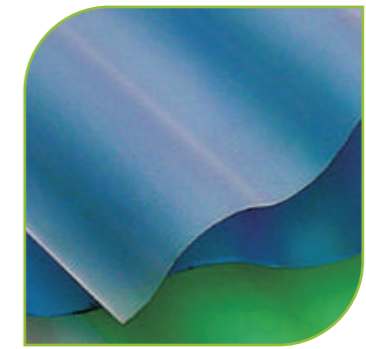
APPLIANCES SHEET



AUTOMOBILE SHEET



CORRUGATED SHEET



EXCEL WITH THE POWER OF
E3
EXTRUSION
ENERGY SAVING
EFFICIENT
ECONOMICAL

PP / PE THICK & WIDE WIDTH SHEET EXTRUSION LINE

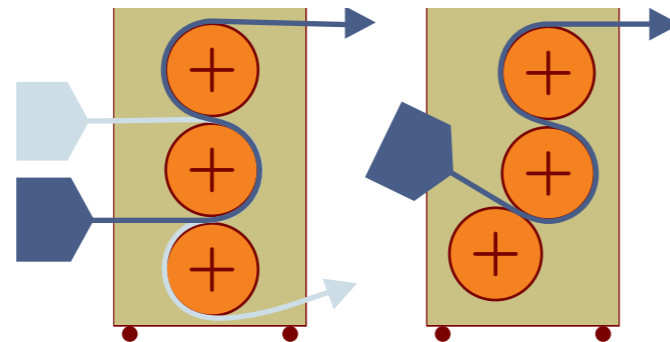
CABLE TILE (WARNING SHEET)
INDUSTRIAL SHEET
SHEATHING SHEET
LAMINATION SHEET
ENGG PLASTIC SHEET



APPLICATIONS

- Chemical Industry
- Food Industry
- Anti Erosion Industry
- Construction Utilities
- Fabricated Equipments like Chimney, Chemical tanks, Waste Collection Bins Protection Sheet for Cable, Gas Pipe, Water Pipe
- Electrical Power Industries
- As replacement to Wooden/MS Plate replacement in construction
- Household applications - Coated Carpet sheets
- Acoustic Insulation Barrier, Lighting roof
- PP glass wool sheet used for Fabricating Chemical tanks

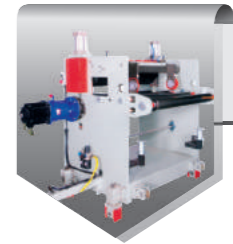
VERTICAL & INCLINED CALENDAR UNIT WITH BOTTOM/TOP FEEDING



TRAVELLING SAW CUTTER



TRAVELLING SAW CUTTER OR SHEAR CUTTER

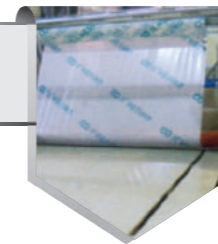


FILM MASKING UNIT

SIDE TRIM CUTTING MOTORIZED SAW TYPE



COATING FILM LAMINATION



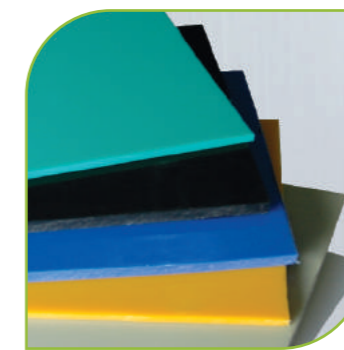
TECHNICAL SPECIFICATION

Material	Layers	Sheet		Output
		Width	Thickness	
PP/HDPE	Monolayer	1000 to 2000mm	0.5 to 6mm	200 to 1000 kg/hr
PP/Glass Wool	Multilayer		1 to 12mm	
Cloth & Film			2 to 20mm	
Lamination			4 to 40mm	

WARNING SHEET / CABLE TILE



INDUSTRIAL SHEET



CONSTRUCTION SHEATHING SHEET





PP/HIPS SHEET LINE FOR THERMOFORMING

PP SHEET LINE FOR STATIONERY SHEET



CHAIN DRIVEN CALENDAR UNIT

AUTO SHEET CUTTER

SEEDLING TRAYS



CALENDAR ROLL SIZE
Roll Dia. (mm): 310, 350, 400
Roll Width (mm): 650, 800

TECHNICAL SPECIFICATION				
Material	Layers	Sheet		Output
		Width	Thickness	
PP/PS	1 Layer	500 to 700mm	0.22 to 1.5mm	PP-100 to 250 Kg/hr HIPS-130 to 250 Kg/hr
	2 Layers			
	3 Layers			

THERMOFORMING MACHINE SUITABLE FOR PP / HIPS / PET HYD / SERVO TYPES



APPLICATIONS:

- Suitable for all types Round Containers, Square plates, Disposable Cups / Glasses, Lids & Seedling Trays

OPTIONAL FEATURES:

- Auto Stacking
- Online sheet Trim Grinder
- Moulds
- Inline Sheet Thermoforming, axis movement

PRODUCT RANGE

SHEET EXTRUSION LINES

- PP / HIPS Multilayer Sheet Lines for Thermoforming & Vacuumforming
- PET / RPET Mono / Multilayer Sheet Extrusion Lines
- PP Stationery / Decorative Sheet Lines
- PS / ABS / PC / PMMA / PE / EVA / S-PVC Cable Tile (Warning Sheet)
- Sheet Making Extrusion Lines

RECYCLING PLANT

- Single Stage Vented Type
- 2 Stage Vented Type
- Strand Pelletizing Type
- Water Ring Die Face Cutter Type
- Direct Feed Recycling Plant With DFC
- Roto - Pe Coloring Granulation Plant

THERMOFORMING MACHINES

- Hydraulic type
- Fully electronic servo based

PIPE EXTRUSION PLANTS

- Round Drip Irrigation Pipe Plant
- Flat Drip Irrigation Pipe Plant
- HDPE / PPR Extrusion Pipe Plant

PRECISION TUBE MAKING MACHINERY

- Plastic Pencil (Wood Free) Making Machinery
- D / F Pen-Polo Barrel / Refill Making Plant
- Lollypop Stick Making Plant



R.R. Plast Extrusions Pvt. Ltd.
Manufacturer & Exporter of Plastic Extrusion Machinery & Equipment

CORPORATE OFFICE: 403/404, 4th Floor, Dilkap Centre, Sakinaka, Andheri-Kurla Road., Andheri (East), Mumbai - 400 072, India.
T: +91-22-28568282/83 / 289 / 291 | Email: info@rrplast.com

WORK: Survey No. 164/4, 12/1, National Highway 3, Behind Hotel Pariwar Garden, Village Asangaon (West), Shahapur, Thane - 421 601, India.

SALES & SERVICE BRANCHES: Delhi | Ahmedabad | Kolkata
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<https://www.youtube.com/c/Rrplastmachine>