



# Engineering For The Future

 **ROTEX**  
*Engineering For The Future*

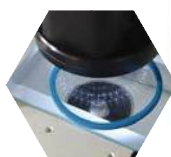
progressive  
passionate  
technology  
focussed  
customer centric

# Quality

minus excuses



Testing Equipment  
Optical Measurement



Helium Leak Test



# Design standards & Accreditations

**ROTEX** products pass through a strict regimen of quality and capability tests in-house, including: High Pressure Test (up to 400 bar gas), Hydrostatic Test (up to 700 bar), Mass Spectro-Leak Detection Test (up to  $1 \times 10^{-12}$  scc / sec), Cv Test, Response Time, Time Characteristic Measurement Test, and Life Cycle Monitoring.

All Products are tested for operation and performance as per the test plans drawn from prevailing industry standards (domestic and international).

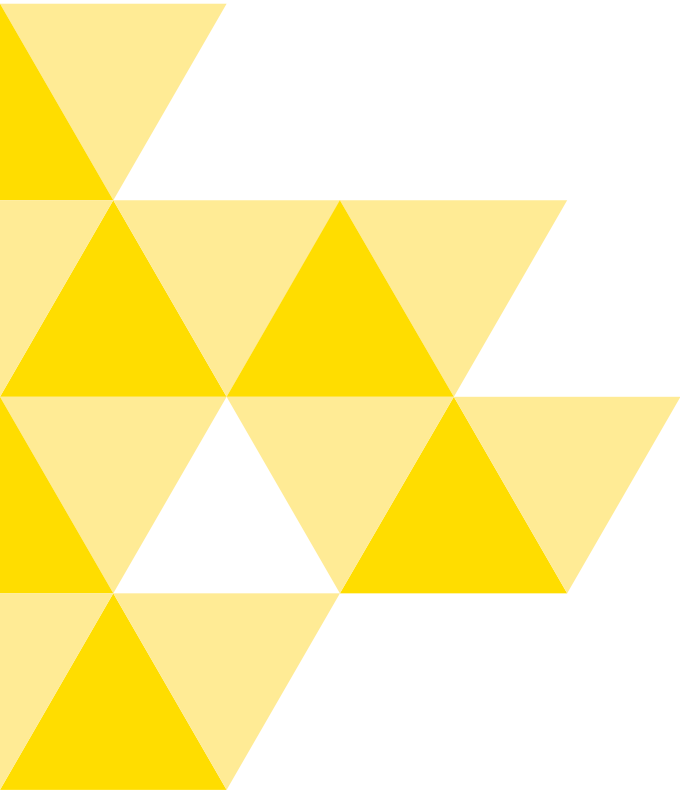
Specialized tests to check design integrity and to satisfy performance criteria are outsourced, as needed.

**ROTEX** offers total traceability and back-up support for its products, assuring the customer complete peace of mind.



TBB Machine

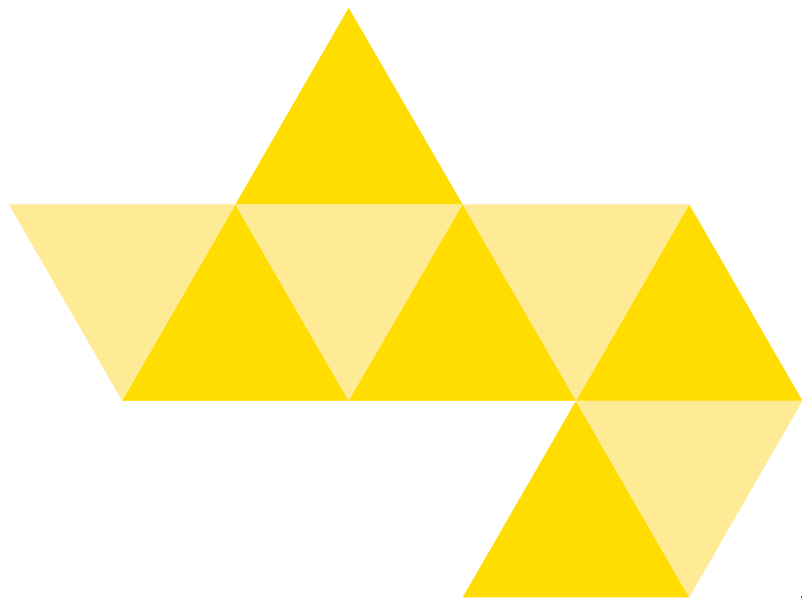


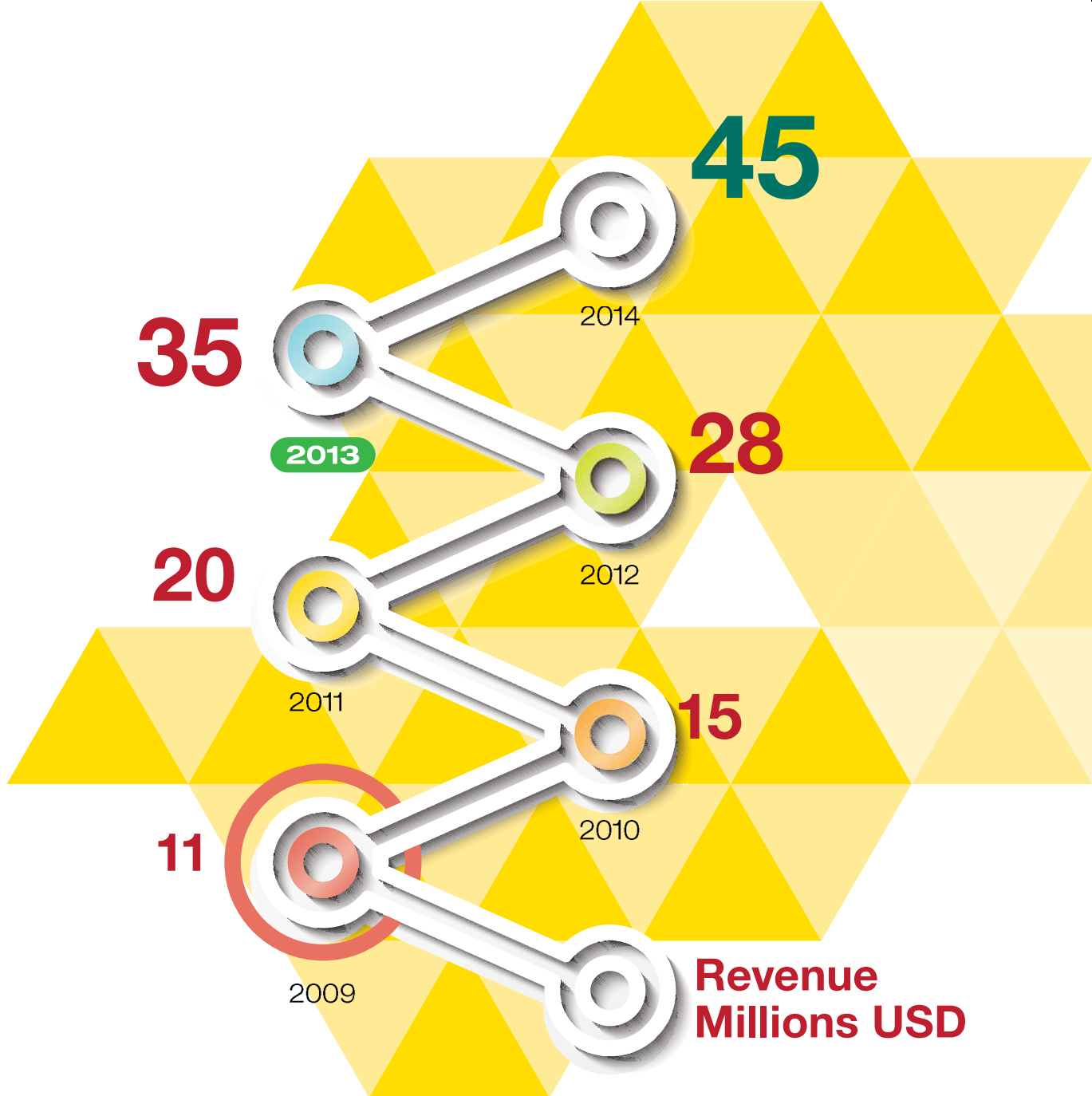


# State-of-the-art Infrastructure

**ROTEX** rolls out its vast range of products from three world class manufacturing facilities located at Dombivli, Vadodara and Vithal Udyognagar. All three feature the most advanced manufacturing and testing facilities in the field. They are equipped with new generation CNC Machines from Fanuc, Takisawa and Kitamura, SPM's and GPM's, used to manufacture components of superior quality.

All important processes are executed in-house in conformance to international standards for manufacturing. In addition to the three production facilities **ROTEX** has developed a strong base of vendors and suppliers for outsourcing of components and sub assemblies. Strict inspection and testing procedure ensure that outsourced materials meet all of Rotex's quality requirements. Periodic expansion of the manufacturing facilities and the necessary infrastructure in response to the market demand and technology innovations, is an ongoing process at **ROTEX**.





## Performance Periscope

The manufacturing activity that started off in one small industrial building in 1967, is today conducted in three state of the art plants.

Today, **ROTEX** has more than 6,000 clients spread around India and internationally, **ROTEX** has clocked a steady annual growth of 30 percent since the Nineties, and today, it holds a sizeable share of the Indian market. Through a combination strategy of optimum technology introduction, integrated and streamlined operations, meticulous process planning, short response time and timely delivery, **ROTEX** maintains a highly cost-effective price structure. **ROTEX** has built its entire production philosophy around customer needs and market trends, ensuring a healthy demand for all its products.



**>30% CAGR**

Clients represent a wide spectrum of Industries including

Steel  
Aluminum  
Chemical  
Pharmaceutical  
Fertilizer  
Oil and Gas  
Manufacturing  
Power

Petrochemical  
Electronics  
Water Treatment  
Food processing  
Hydro-Carbon  
Paper Sugar  
Fire Fighting  
Railways

Consumer Products  
And Other Industries



Overseas Offices



Overseas Agents



Overseas Distributors

## Sales Network

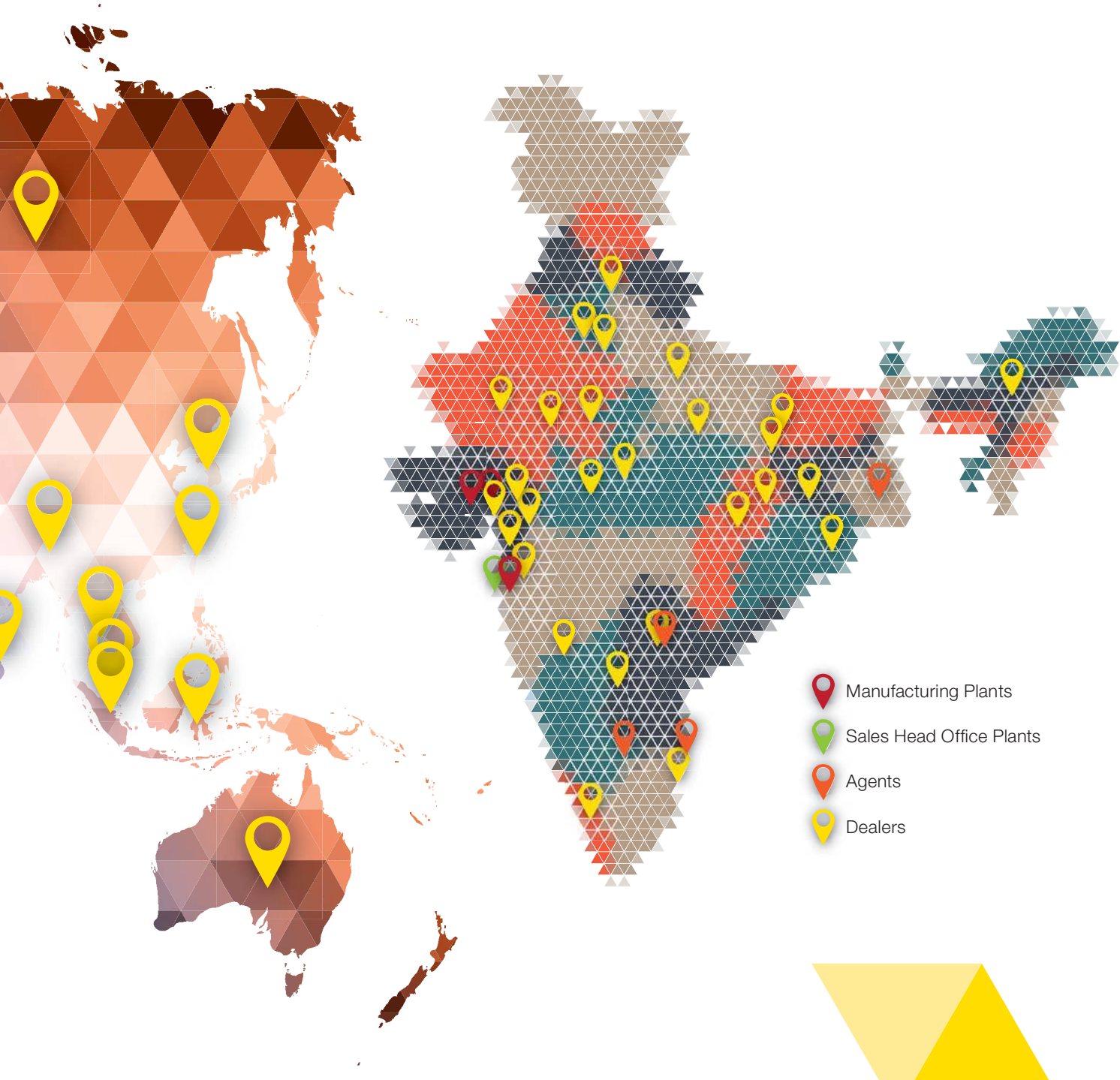
It has been the tradition of **ROTEX**, to build long-term relationships with its agents and distributors. Founded on trust, support and responsiveness, these mutually rewarding relationships have grown such deep roots over the years, that most of the company's agents and distributors have been with it for decades, and many of them, for more than a quarter century.

**ROTEX** has pan & India and worldwide presence. At ROTEX we are passionate about interacting with our clients as well as our prospective clients personally. We have put in place a sophisticated, multi-layered sales network to provide tailored services to our clientele.

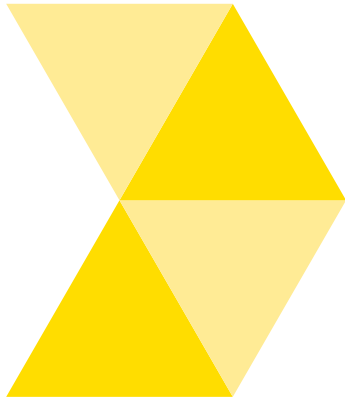
With over 20 offices in India, US, Netherlands and Canada, over 80 distributors across the globe, representations in over 30 countries, **ROTEX** presents a finely networked sales and service support team.

In a three-layered sales service team, the first layer consists of a competent team of sales advisors who reach out and select, potential customer-base. After assessment, dedicated sales personnel assist premium customers with customized designs of products and subsequent quotes. Offering exclusive services, this second team follow- up on sales needs, order requirements up to deliveries. The third and strongest network is the distributors' network which caters to the smaller markets. This channel is also available to bigger players for smaller, faster procurements.





# After Sales Support



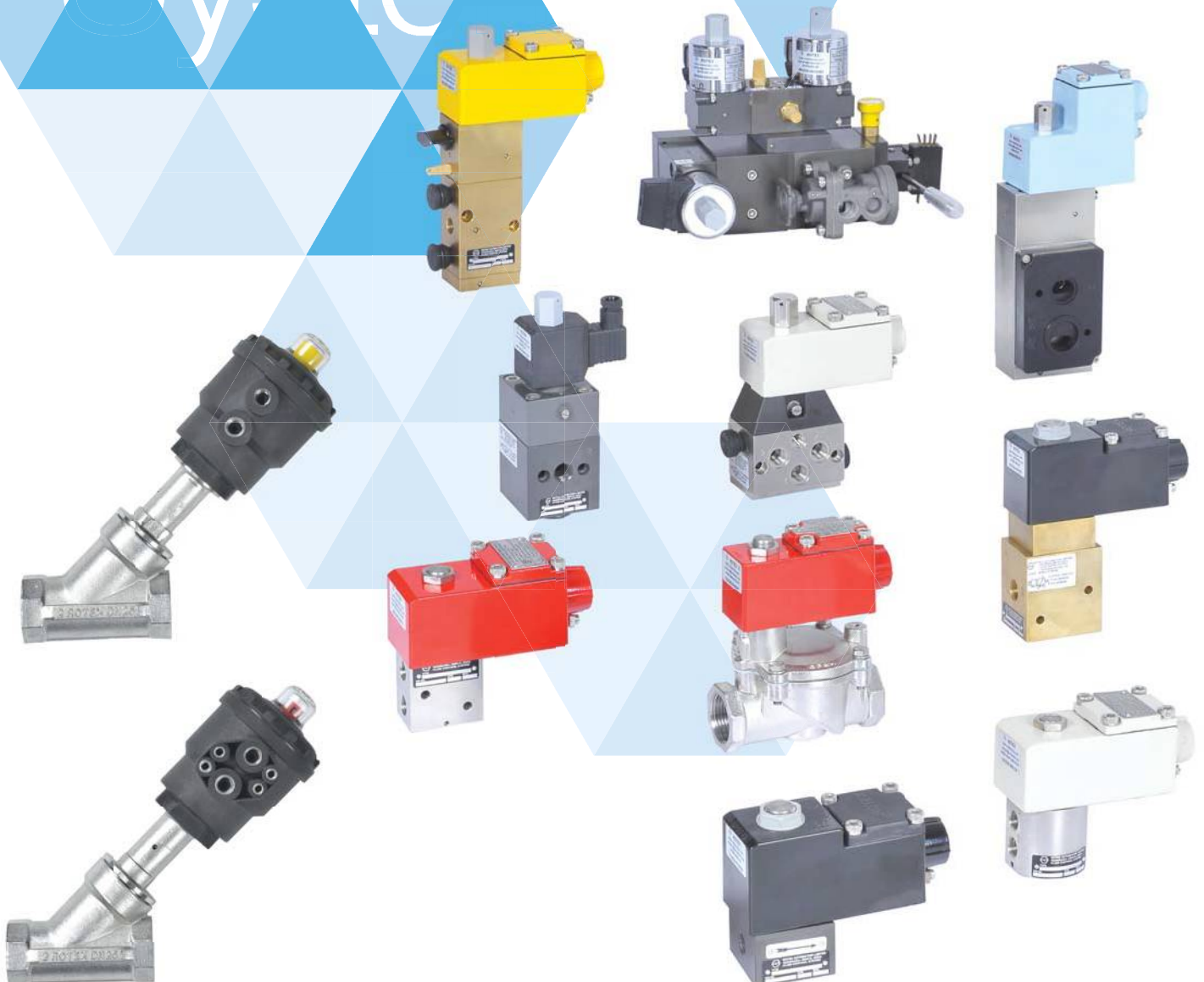
For manufacturing process continuity, pneumatic and solenoid valves are indispensable. This is a fact; **Rotex** has imbibed in its after sales strategy since the time of its formation. Thus, after sales support provided by **ROTEX** is strong, quick to respond and trustworthy.

# Fluid Control Systems

Designed to control the flow of air, gas, water, oil and steam, Solenoid valves form the largest manufactured product under Fluid Control Automation product line at Rotex. Available in a huge variety to cater any industry or application, Rotex offers an exhaustive solenoid valve product basket.

Solenoid Valves  
Angle Seat Valves  
Pulsejet Valves

Fluid Control  
Systems



Valve  
System

# Valve Automation Systems

ECF / ECV / SSF Double Rack & Pinion Actuators  
DRS High Performance Scotch yoke Actuators  
DRV heavy duty Rack & Pinion Actuators  
HYV Hydraulic Actuator range  
Actuators with Fire Box/ Fire blanketing  
Gas operated Actuators, Control panels etc. for Pipeline valves  
ON OFF & Control valves including Ball valve, Butterfly valves & Plug valves



automated valve systems  
ball/ plug/ butterfly valve



# Pneumatics

# Pneumatics

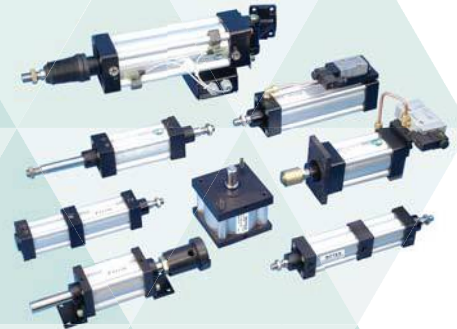
Cylinder Ø8 To Ø25 Mm



Mounting



Cylinder Ø32 To Ø160 Mm



Hand Operated Valve



Short Stroke Cylinder



power cylinder  
on/ off

power cylinder -  
proportionate



Air, Lever, Push Button  
Operated Valve



# Control Components

## Control Components

Pneumatic/  
Electropneumatic  
Positioners



Limit Switches





# Specials

If you want it, we can make it! We are willing, trained, and always prepared to meet challenging customer demands with customized, innovative product solutions.

Whether it is valves for the high-pressure railway industry, highly sensitive defence industry needs or critical, non-standard valves for special industry products; we have successfully designed and delivered inventive products to help our customers. We value innovation and continue to invest our resources into our research and development initiatives.





# Chemicals

Chemicals have corrosive properties. To overcome this, **Rotex** manufactures anti-corrosive valves. These valves are particularly designed against highly corrosive chemicals which assist in easy flowing running of the valves.





# Oil & Gas Upstream

Upstream oil stations which are unmanned involving flammable gas can cause huge losses; can damage nature and human life in circumstance of a failure or mishap. Valves manufactured at **Rotex** are made with the utmost precision in operations to prevent mishaps. They comprise of properties that assist in safe and reliable processing.







# Oil & Gas Downstream

No one can compromise with the valves used in oil refineries, petrochemicals plants and natural gas distribution companies. **ROTEX** offers valves which are reliable and functions in a way to avoid the hazards.





# Thermal Power

Thermal power requires valves that can sustain high level of corrosion, immoderate temperatures and pressures. At **Rotex** valves are designed and engineered with the objective of sustaining even the most adverse conditions.





# Nuclear Power

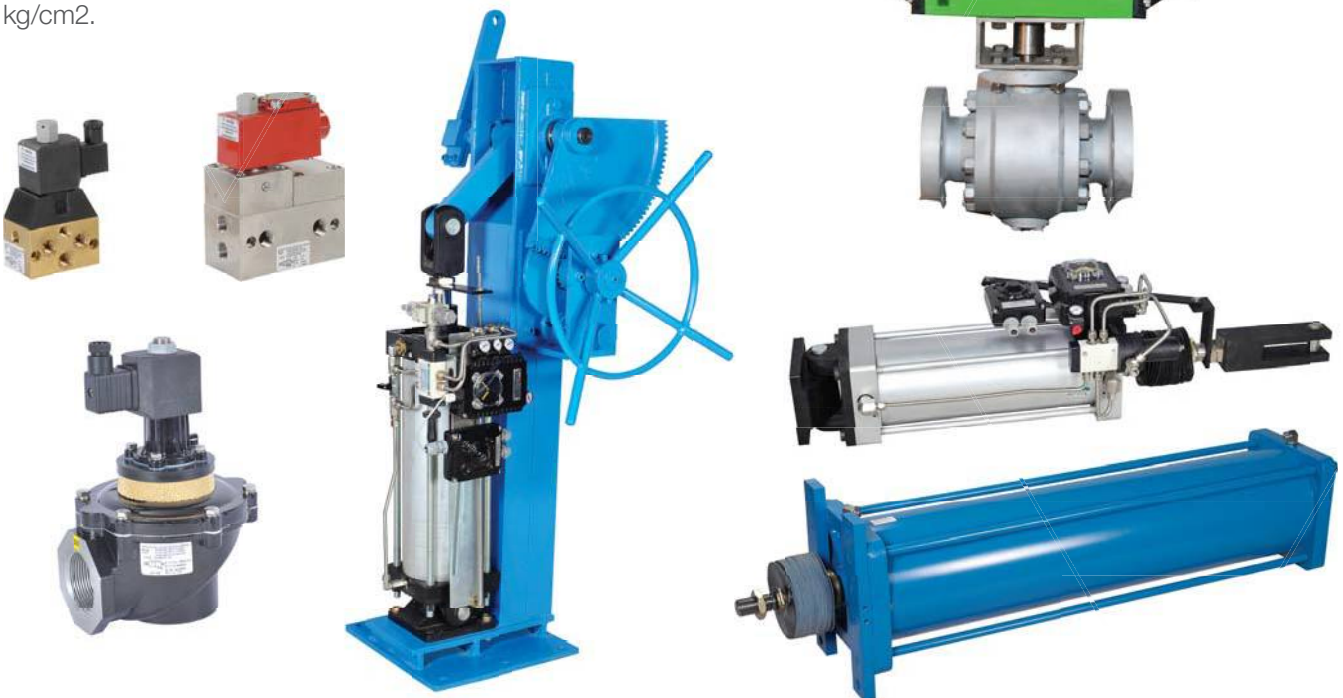
The biggest apprehension for any Nuclear Power industry is, safety. At **Rotex**, we understand the criticality and manufacture high quality safety relief valves which are reliable. Our products are designed to work under normal operating conditions, high temperature and radiation protected environments.





# Steel

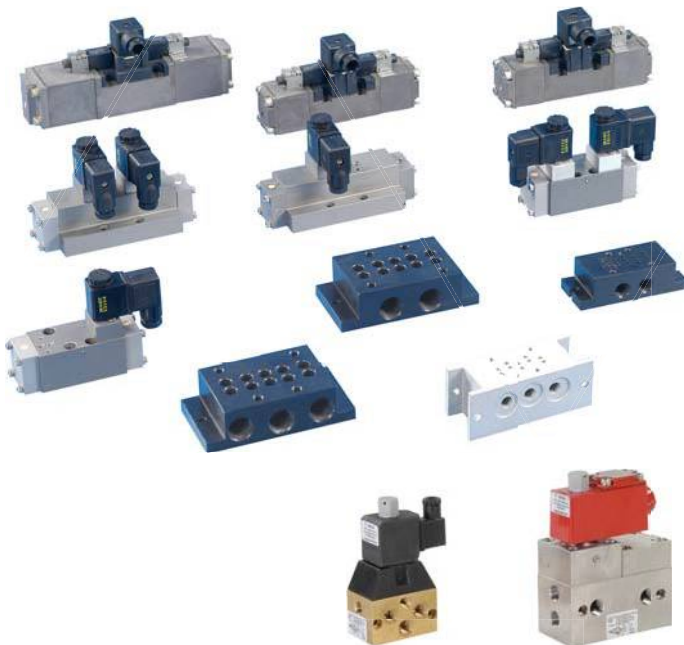
**ROTEX** valves designed to be used in the steel industry are to meet the challenging plant environment. At ROTEX we manufacture products from high quality raw materials especially for the steel industry. these valves are rugged in nature and can withstand temperature as high as 1300 – 1800 degrees and pressure in the ranges of thousands of kg/cm<sup>2</sup>.





# Aluminium

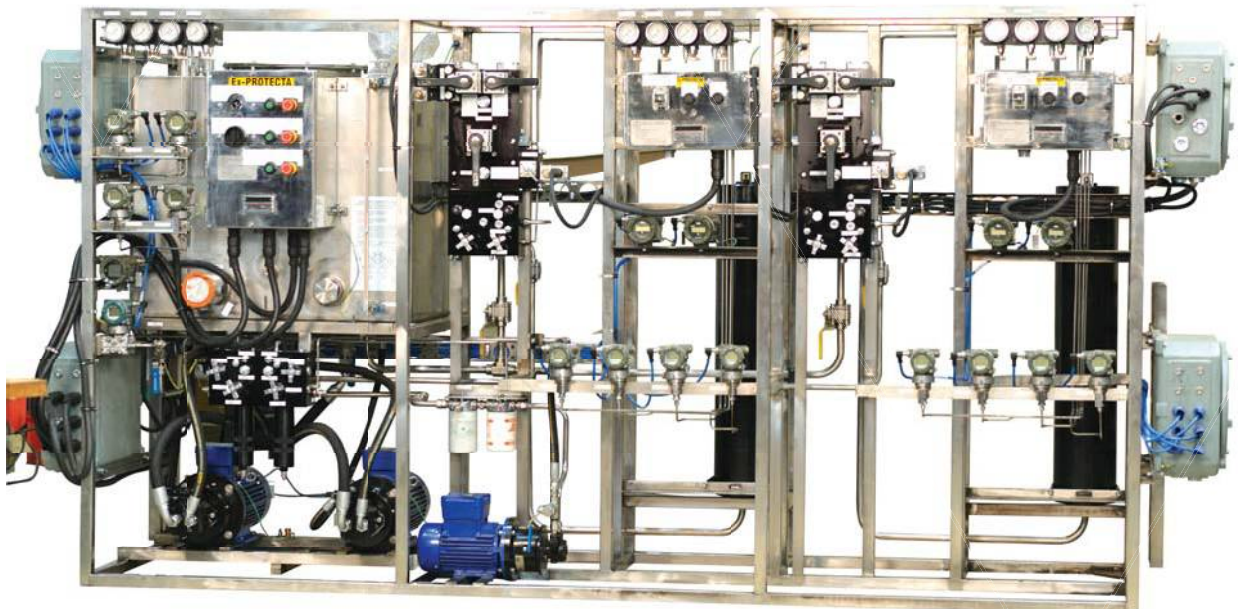
**ROTEX** designs special products and solutions for the aluminum industry. our unique design offers a technical advantage to the demanding plant environment. our specially designed valve products offer a full range of solutions for the plants, including necessary temperature applications.





# Gas Pipelines

We create control valve solutions for gas chains with varied regulators that control gas pressure. At **Rotex**, we not only manufacture the core product but can simultaneously customize and modify as per the customer requirement. Our products are manufactured with the intensity of leakage detection.





# Fertilizers

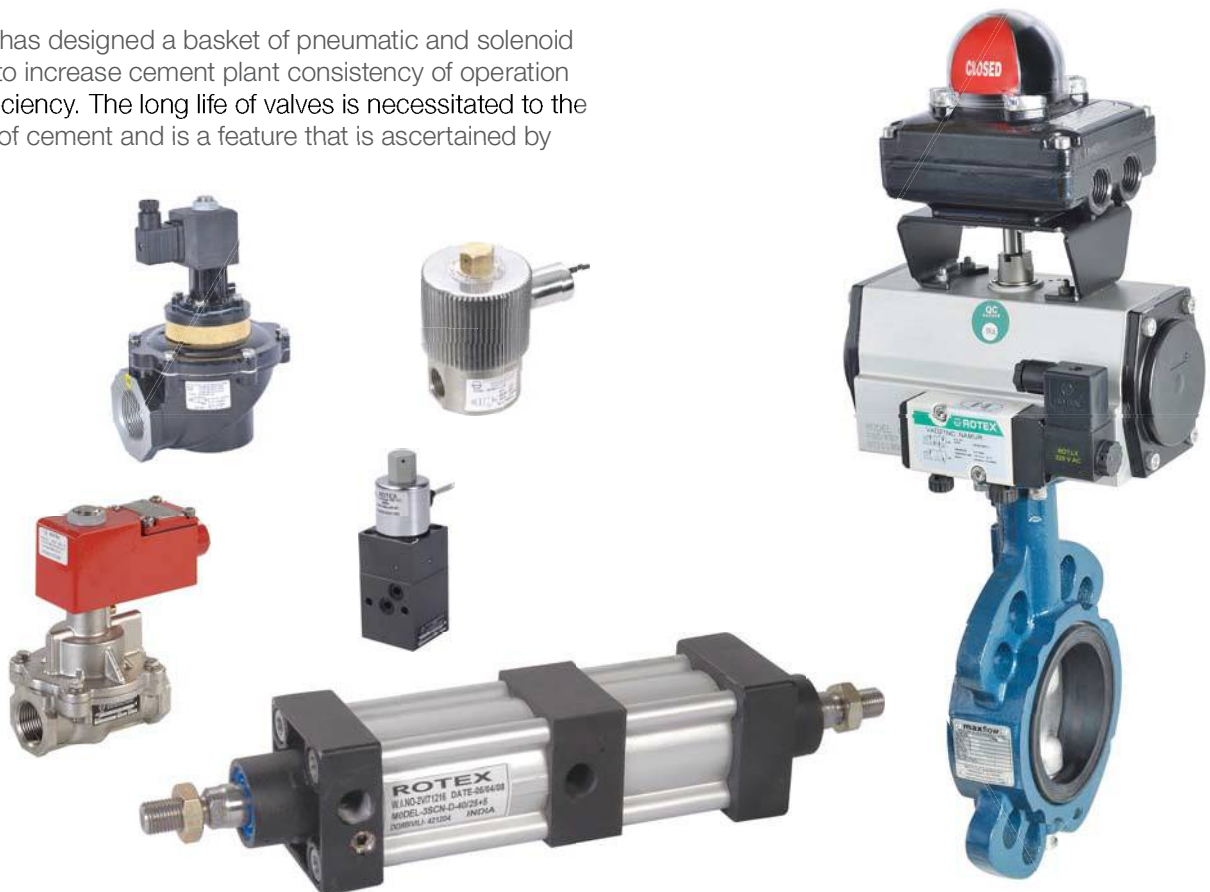
(Fertilizer industry requires the toughest and technological advanced products as wear and corrosion are very high.)  
(**Rotex** is a name which products in combinations with alloys and elastomers suitable for all kinds of wear and corrosion.)





# Cement

**Rotex** has designed a basket of pneumatic and solenoid valves to increase cement plant consistency of operation and efficiency. The long life of valves is necessitated to the nature of cement and is a feature that is ascertained by **Rotex**





# Corporate Values & why **Rotex**



**ROTEX** has always built for the tomorrow; a strategy seen from its high and continual investment in people and machinery. Thus, alike the past which ensured its success, the company's present promises to be the formative years for its future feats.

**Trust:** Adversities cannot falter us; which is evident by our presence even in the worst times of economic slowdown.

**Continuity:** We do not overlook and neglect our older products. They do not become obsolete. Once, a product line is installed, we consider it our responsibility to stock its spares, provide alternatives if needed and service it throughout.

**Innovation:** A dedicated, highly skilled in-house design team at **Rotex** comprehends the individual customers' requirements so as to cater Grade A, effective and innovative solutions.

**Service:** **Rotex** adds feather to its name by offering world-class service at every step. Customer's belief is what we believe and implement.

**Relationship:** Our conviction in long term relationship has a major contribution to our position in the industry today. Reassurance and inspiration from our customers even during unfavorable times has supported us battling all the hurdles in our four-decade journey.

**Success:** Rotex believes in creating competitive advantage for its stakeholders. We celebrate our success in our customer's success and this is what we take pride in



*Engineering For The Future*

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