

www.janatics.com

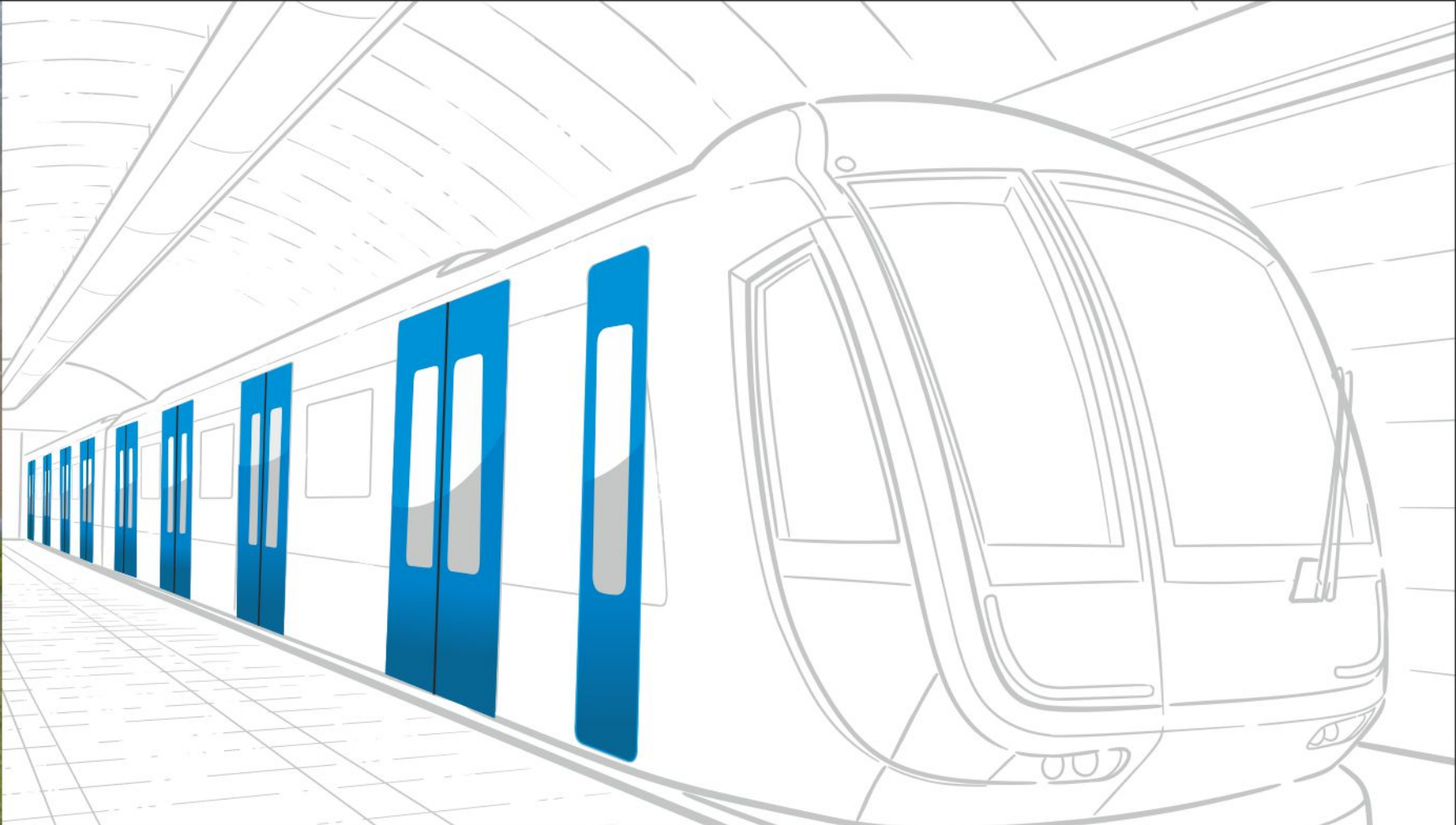
JANATICS



Powering **Ahead**
on the **Right Track**



Production Facility Supplying
Quality Products to the Lifeline of the Nation



Janatics began its operations in 1977. Within a short span of time, the company progressed rapidly and made its presence felt as one of the leading world class manufacturers of pneumatic products.

In the recent years, Janatics expanded its product portfolio and started manufacturing system and new technology products such as Electric Actuators etc. Backed by the expertise in design, development, programming and in-

house project management team, today the company provides complete solutions that meet and exceed customers' expectations.

The exciting journey and association with Indian Railways began in 2015 with the supply of Electro-Pneumatic Flushing System, Low-friction cylinders for vestibule doors and Salon Sliding doors.



INFRASTRUCTURE

Best in class infrastructure

The central manufacturing facility in Coimbatore, India is spread across 110,000 square meters and is equipped with technologically advanced machinery, supported by best in class infrastructure that includes exclusive casting facility with modern pressure die casting machineries, CNCs, Machining centres and special purpose machineries, for the shortest through put time.

Why choose Janatics?

- Proven Quality and Performance
- State of the art R&D division, recognized by Department of Scientific and Industrial Research, Government of India.
- In-house tool design, analysis & tool room
- Automated and flexible production lines
- Prompt service to domestic and global customers
- Exporting to over 25 countries
- ISO Certified

In addition to standard pneumatic products, Janatics manufactures customized and value added pneumatic systems and Electric Actuators to meet the specific application needs. They are designed to save precious time and valuable resources for the customers.

PNEUMATIC PRODUCTS



ELECTRIC ACTUATORS

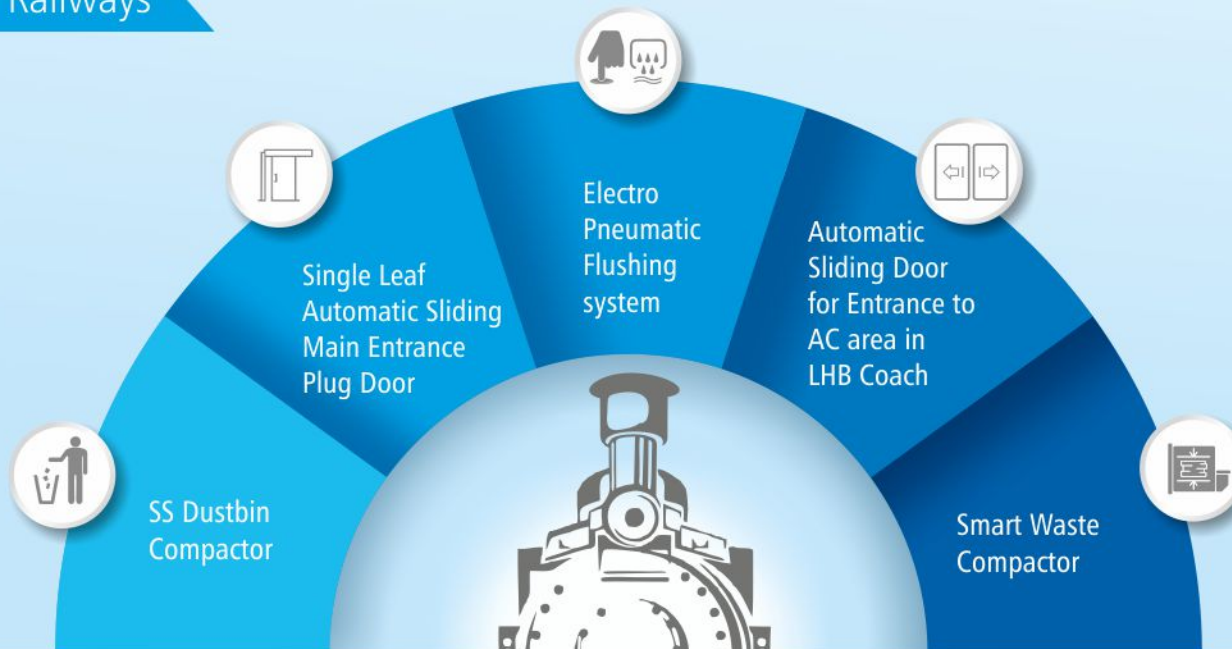


Energized by the Atmanirbhar Spirit

Success in creating functional prototype of products

Made-in-India, such as Automatic Single Leaf Main Entry Plug door for Train-18 (**VANDHE BHARATH**) and Tejas Class trains, Automatic IC door for LHB coaches, compact dustbin etc., exhibits the Atmanirbhar spirit of this company.

Our Product Portfolio for Railways



“End-to-end solution
from concept to execution”



Smart Waste Compactor

Solar Powered Management Solution

Comprehensive, smart waste management solution using industry leading cloud-based software connected to the latest IoT smart sensor and smart bin technology.

Benefits & Features

Dynamic Routing | Cost Reduction
Improved Cleanliness | CO2 Reduction



SS Dustbin Compactor

An innovative waste solution with a hygienic compaction system. The dustbin compactor helps to cut the volume of waste generated down to size. The trash can be reduced to a sixth of its original size and left in the compactor for as long as we need. This model takes 45 seconds to crush a full bin. Plus, its unique Luxury-Quiet Sound Package lowers vibrations, resulting in less noise.



Electro Pneumatic Flushing system

Water pump assembly / Control panel assembly

Designed for train toiletry system, it works based on positive displacement system having Piston-cylinder arrangement for generating pressurized water. Flushing cycle starts by pressing a green illuminated push button, that switches ON a solenoid valve through a pre-set timer (5 secs) for effective operation of the pressurising cylinder (water pump). The Piston-cylinder returns back and complete one full cycle after delivering 1.5 litres of water. The circuit and its components ensure that the next cycle is initiated only on completion of first cycle. On completion of every flushing cycle, the green light provided in the Push button indicates for starting of the next cycle. 6000 units of Electro Pneumatic Flushing Systems have been delivered to Indian Railways



Single Leaf Automatic Sliding Main Entrance Plug Door

Single Leaf Automatic Sliding

Sliding plug doors systems are used in high-speed trains and LHB coaches.

Janatics manufactures customized door systems with innovative safety technology and well-conceived boarding systems, both as original equipment and for retro-fitting.

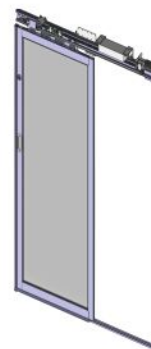
The Company indigenously produces about 90- 95% of customized door systems based on well proven assemblies that are characterized by their high availability and long-term reliability in daily usage.



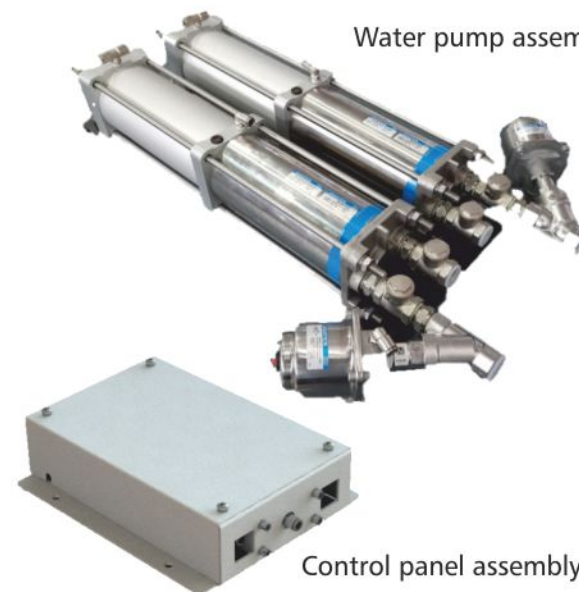
Automatic Sliding Door for Entrance to AC area in LHB Coach

Automatic Sliding Door

The Internal coach door is made up of glass concealed by an aluminum frame. When the door handle is pulled, the Sliding Door opens automatically and after a pause of 5-7 seconds, the door closes automatically. Passenger safety is ensured through Obstruction detection mode. Customizable mechanism is available: Lead screw or Belt. Customizable input methods shall be provided: Push button, Human detection sensor, Handle, etc.



Water pump assembly



Control panel assembly



Prompt & Reliable Service

A strong domestic and international dealer network and reliable service team enable us to provide excellent customer service. Manufacturing facility in Ahmedabad and Noida, enable handling of rush order requirements in the respective regions.

The remarkable and successful journey of Janatics continues with the growing support of customers in India and abroad.

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