

# RIDERS STAR GROUP LTD.

## COMPANY PROFILE

We help businesses find and set up the best machines for their work. We have a lot of experience in this area and we only sell high-quality equipment. We also offer training to help your team use the machines properly.

Our goal is to make your business more efficient and successful.

### **MORE INFO**

[www.ridersgroupbd.com](http://www.ridersgroupbd.com)

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# RIDERS Star Group Ltd.

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**R.Riders Group Ltd.** provides full-service support for industrial machinery,  
Including sourcing, buying, delivery, installation, warranty, and training.

We help new entrepreneurs and businesses achieve their  
Goals with complete solutions.

## Gas Filling Machine



### Main features:

The Mechanical Vidhata Aerosol R134A Gas Filling Machine is a high-capacity, precision-engineered solution for efficient aerosol gas filling, specifically designed for R134A refrigerant. With a capacity of up to 5000 pieces per hour, this machine is ideal for high-volume production environments. Built with durable, corrosion-resistant materials, it ensures reliable performance and long-term use. The machine's user-friendly mechanical controls and integrated safety features provide secure operation, minimizing the risk of gas leakage and enhancing workplace safety. Perfect for manufacturing aerosol refrigerants and similar products, this machine combines efficiency with quality in every fill.

- Capacity: 5000 Pieces per Hour
- Filling Type: Aerosol gas filling with R134A refrigerant
- Precision: High accuracy for consistent filling volume
- Operation: Mechanical control with user-friendly interface for efficient workflow
- Construction: Durable, corrosion-resistant materials suitable for high-demand environments
- Applications: Ideal for manufacturing industries producing aerosol products such as refrigerants and cooling agents
- Maintenance: Designed for easy cleaning and minimal maintenance needs
- Safety Features: Integrated safety mechanisms to prevent gas leakage and ensure secure operation

It is a semi automatic gas filling machine with adjustable screw to adjust the quantity of gas according to the requirement of product. It consist of three segment which work in unison. A) Charger (0to 500 ml adjustable)

B) Gas filling nozzle system

C) Gas Booster pump

Gas charger and gas filling nozzle are mounted on table. (ms table with ss top) .But the function of booster pump is only to suck the gas from gas cylinder or tank and to propel it in the gas filtration chamber to maintains proper pressure during the filling system.

Gas charger and booster pump require Air Pressure 4 to 8 Kg/sq. cm. to operate. Capacity of production depends upon the quantity of gas, which you want to fill, less the quantity of gas, faster the filling

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## ABOUT US

**Riders Star Group Ltd.** is your premier destination for sourcing, importing, and installing top-quality business machinery. With over **9 years** of experience in the industry, we've established ourselves as a trusted partner for businesses seeking reliable and efficient equipment.

Our commitment to excellence is reflected in every aspect of our services. From the moment you choose a machine to its installation and ongoing support, we're dedicated to ensuring your complete satisfaction. We offer a wide range of products, each backed by a **guarantee** of quality and performance.

Our team of experts is always available to provide **comprehensive training** on your new equipment, empowering your staff to maximize its potential.

Led by **Md. Towhidur Rahman**, CEO, Riders Star Group Ltd. is committed to delivering exceptional value and service to our customers.