



FAHB



# COMPANY PROFILE

Sri Lanka's trusted partner in industrial magnet and separation technology.

# FOUNDED IN MAWANELLA, SRI LANKA, IN 2015.

A professional, high-tech enterprise specializing in industrial magnetic solutions from precision rare-earth magnets to advanced magnetic separation systems.

## VISION

To design, manufacture, and deliver high-performance magnetic products and systems that enhance productivity, safety, and sustainability across industries

## MISSION

To become a leader in sustainable magnet and separation technology that powers industrial innovation and environmental responsibility

# CORE VALUES



INNOVATION



INTEGRITY



EXCELLENCE



COLLABORATION



SUSTAINABILITY



QUALITY

# WHY FAHB TECHGREEN ?

FAHB Techgreen is a one-stop solution provider for magnets, separators, metal detectors, and custom magnetic assemblies.

## Comprehensive Solutions:

We offer everything from individual magnets to full industrial separation systems.

## Engineering Expertise:

Our dedicated team specializes in magnetic field design, mechanical integration, and process optimization.

## Custom Manufacturing:

We provide tailor-made solutions designed to suit diverse materials and process conditions.

## Proven Track Record:

We are trusted by Sri Lanka's leading industrial brands for superior quality and service.

## Experience:

We deliver advanced magnetic solutions tailored to your needs, built on over a decade of R&D and manufacturing excellence.



## CUSTOM ENGINEERING

We have expertise in designing and producing bespoke magnet assemblies precisely to client specifications.

## INDUSTRIES SERVED

FAHB Techgreen serves clients across various sectors:

- Automotive
- Pharmaceutical
- Recycling industries
- Food processing
- Renewable energy



## RARE EARTH MAGNETS AND COMPONENTS

FAHB Techgreen manufactures a full spectrum of high-performance rare earth magnets.

### Magnet Types Manufactured:

Sintered NdFeB, SmCo, Alnico, Ferrite, and Rubber Magnets.

### Precision & Finish:

Our products are precision-machined to  $\pm 0.05 \text{ mm}$ .

### Protective Coatings:

Finished with coatings such as NiCuNi, Zinc, or Epoxy to ensure durability and corrosion resistance.

## COMPONENT APPLICATIONS

Our magnets are used in diverse applications:



ELECTRIC MOTORS



GENERATORS



SENSORS



MEDICAL IMAGING DEVICES



AEROSPACE COMPONENTS

## MAGNET MANUFACTURING, SOURCING & ASSEMBLIES

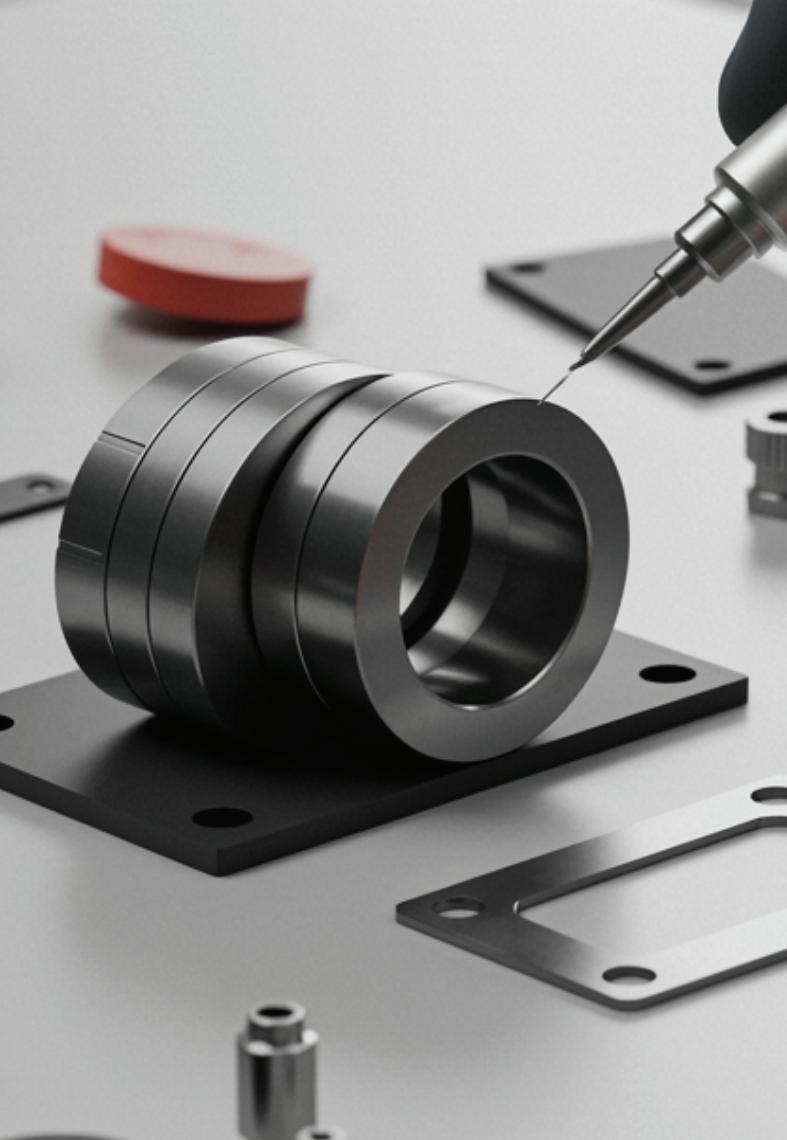
We offer end-to-end magnet sourcing, engineering, and assembly services, from prototype development to large-scale production.

### Engineering Division:

Uses advanced simulation and testing tools to optimize magnetic performance, reduce energy loss, and achieve the desired magnetic field orientation.

### Custom Assemblies:

We supply custom magnetic assemblies for sectors including automotive, motor, sensor, and medical equipment.



## MAGNETIC SEPARATION SYSTEMS

FAHB Techgreen is a one-stop solution provider for magnets, separators, metal detectors, and custom magnetic assemblies.

Our systems are engineered to remove ferrous contamination from raw materials and finished goods, ensuring product purity, safety, and equipment protection. These separators combine high magnetic strength with reliable performance and are designed for food, plastic, chemical, and recycling industries.

Available Magnets: Neodymium, Alnico, Ceramic, and Samarium Cobalt in multiple shapes, sizes, and grades

Customers can order directly for: industrial applications, R&D projects, educational use, or prototyping



## PROCESS SAFETY & MATERIAL HANDLING

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### AVAILABLE MAGNETS:

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# OTHER MAGNETIC EQUIPMENT WE MANUFACTURE



MAGNETIC PLATE



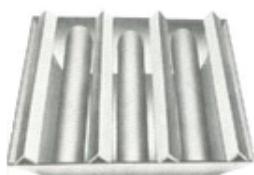
FERRITE MAGNET



RARE EARTH MAGNET



LIFTING MAGET



HOPPER MAGNET



SUSPENSION MAGNET



SINGLE DRUM TYPE  
MAGNETIC SEPERATOR



OVERBAND MAGNETIC  
SEPERATOR



DRAWER MAGNET



MAGNETIC ROD



PERMANET MAGNETIC PULLEY



COOLANT SEPARATOR



INLINE MAGNETIC  
SEPARATOR



HUMP MAGNETIC SEPARATOR



HIGH INTENSITY ROLLER TYPE MAGNETIC  
SEPARATOR



# OUR CUSTOMERS



## Sri Lanka

### Cooperate Office

No. 19/5, Rathmalana  
Colombo, Sri Lanka

### Sales Center / Workshop

16/12, New road, Nayawala  
Mawanella , Sri Lanka  
+94767357437/ +94768554676

### Dubai Office ;

Al Qasimi building  
102, Al ras Road  
Al Ras, Dubai  
+971 50 940 6174

### Maldives Office;

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Karankaa magu,male'  
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