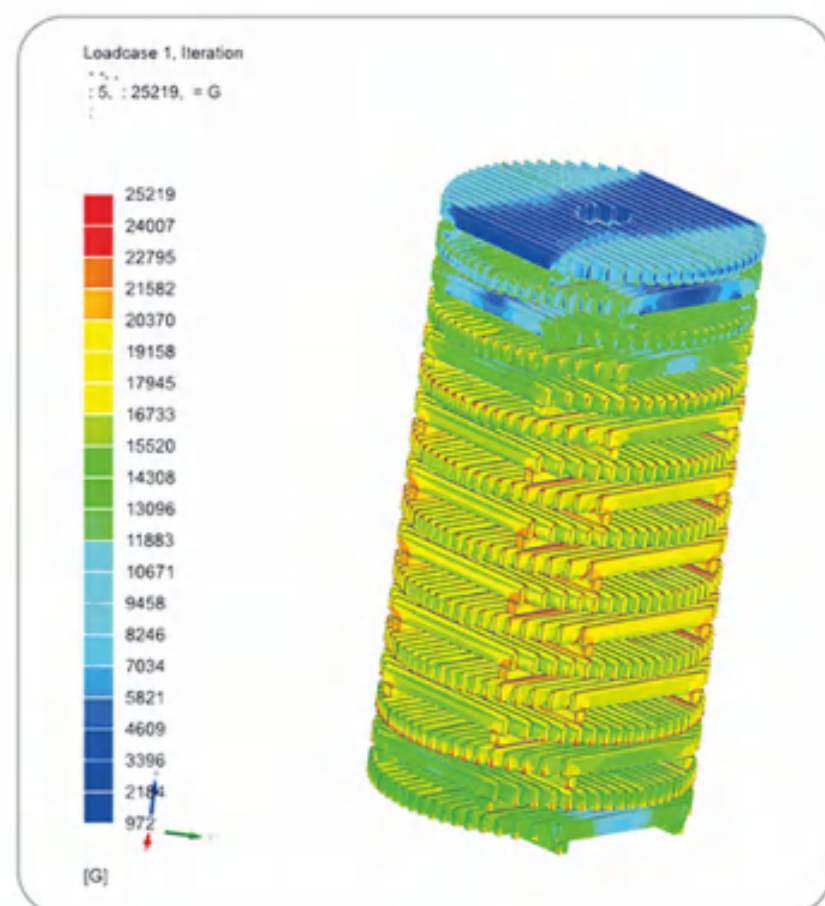
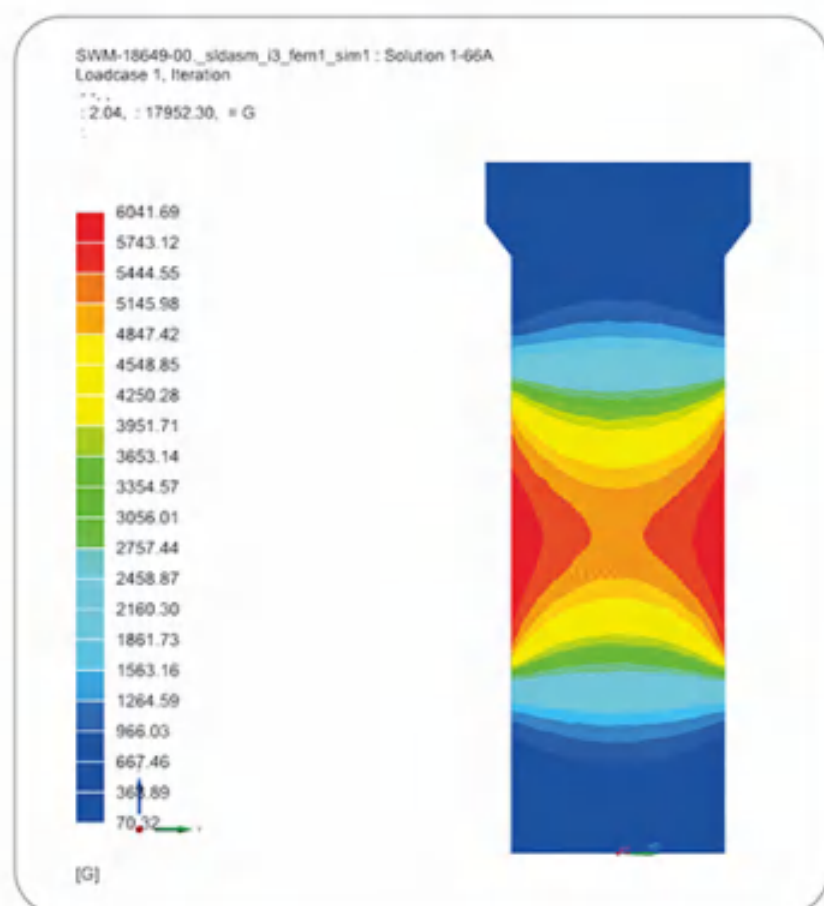




SMART GREEN MAGNETIC SOLUTIONS

DRIVEN BY PRECISION, VERIFIED BY SCIENCE



FEA Simulation: Precision field mapping for maximized capture efficiency.

Core Competencies:

A Subsidiary of SOUWEST MAGNETECH (Stock Code: 920061.BJ)

20+ Years of Excellence in Precision Magnetic Separation

FEA-Optimized Performance for ppb-Level Iron Removal



Trusted by:



# Electromagnetic Separators for Slurry & Powder

**PPB-Level Precision Separation**



✓ Stable Magnetic Field

✓ FEA Optimized Design

✓ Stepless Voltage

✓ Thorough Discharge

✓ Real-time Temperature Monitoring

✓ Remote Intelligent Control

## Technical Specs:

Connection: DN100-DN300

FEA Matrix Peak Intensity: 14,000Gs-24,000Gs

Excitation Power: < 18kW

# Automatic Pipeline Magnetic Filters for Slurry

Smart Control & Real-time Monitoring



- ✓ High-Intensity Magnet Application
- ✓ Energy-Saving & Eco-Friendly
- ✓ Pressure-Resistant Structural Design
- ✓ Precision Self-Cleaning

## Technical Specs:

Pressure Resistance:  $\leq 1.0 \text{ Mpa} / 1.6 \text{ MPa}$

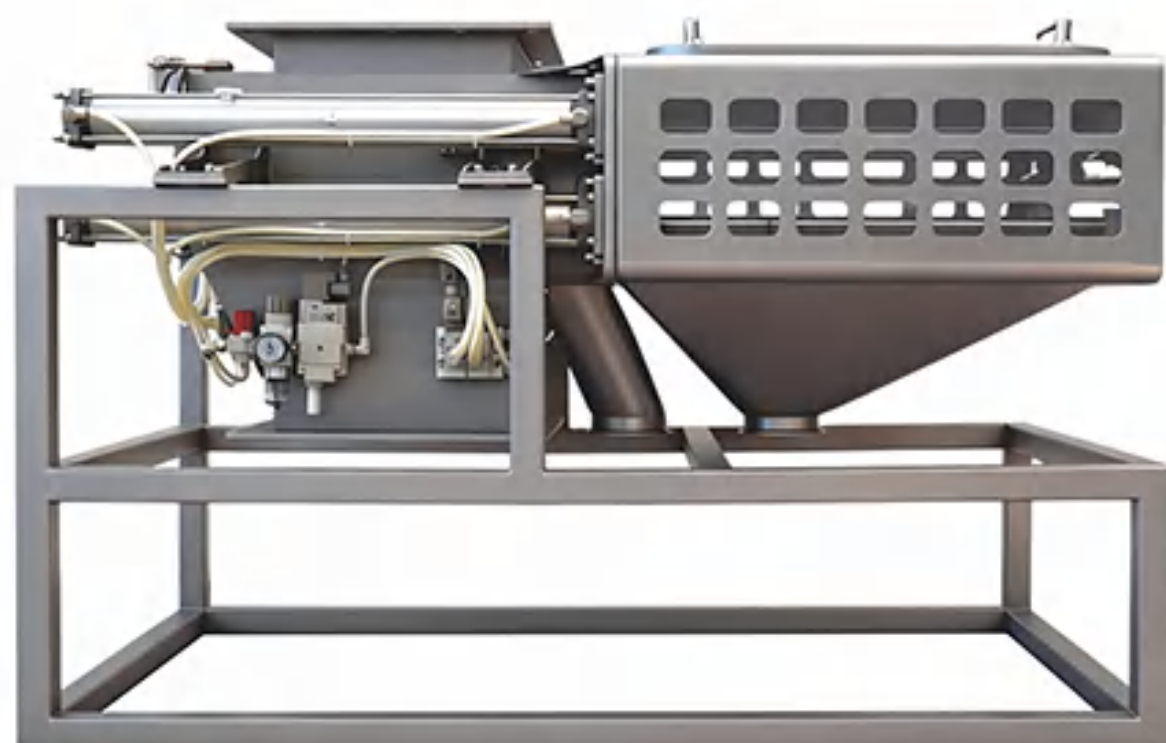
Working Magnetic Intensity : 9,000Gs-1,1000Gs

Capacity :  $8 \text{ m}^3/\text{h}$ - $50 \text{ m}^3/\text{h}$

Energy Consumption:  $< 0.1 \text{ kW}$

# Automatic Magnetic Separators for Powder

High-Efficiency Continuous Operation



- ✓ High-Intensity Magnets
- ✓ Dual-Seal Leak-Proof Structure
- ✓ Energy-Saving & Eco-Friendly
- ✓ Withstands Positive & Negative Pressure

## Technical Specs:

Magnetic Intensity: 9,000-14000Gs

Connection: DN150-DN600

Energy Consumption: 0.04kW

# Automatic Rotary Grate Magnets for Bridging-Prone Powders

**Anti-Bridging & Anti-Clogging**



✓ 24/7 Continuous Self-Cleaning

✓ Rotating Magnetic Grate

✓ Dust-Tight & Pressure-Sealed  
(Positive & Negative)

✓ Energy-Saving & Eco-Friendly

## Technical Specs:

Capacity: 3.5 - 14 m<sup>3</sup>/h

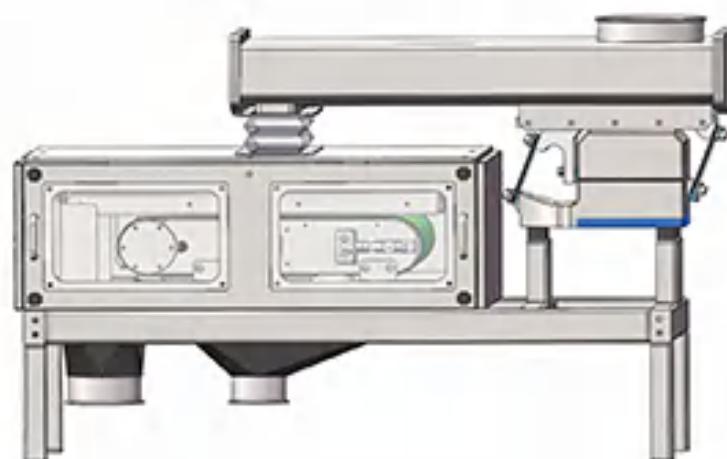
Power: Low consumption (0.27 - 1.1 kW)

High-Intensity Magnets: Up to 14,000 GS

Connection: DN200-DN350

# Belt-Type Magnetic Separator with High-Intensity

High-Efficiency for Fine Particles



✓ Full Explosion-Proof (Gas & Dust) options

✓ Advanced Multi-Stage Separation

✓ Durable & Wear-Resistant

✓ Continuous Self-Cleaning

## Technical Specs Highlights:

Magnetic Intensity: Roller Surface 15,000 Gs | Internal Plate 8,000 Gs

Max Capacity: Up to 11.3m<sup>3</sup>/h

Power: <1.5KW

# Permanent Magnets & Magnetic Assemblies

## Precision Solutions for Rotors & Stators



- ✓ Free-free Technology
- ✓ Fea-driven Design Support 20+ Years of Expertise

### Product Scope:

NdFeB Magnets without HREE : N35-N54, N35H-N52H, N35SH-N48SH

Magnetic Assemblies: Custom Rotors, Stators, and complex magnetic circuits

# Universal Industrial Separation Trio

Reliable Protection Across All Material States



☒ Drawer Type

☒ Rotary Type

☒ Liquid Trap

☒ Dry Powders

☒ Sticky Powders

☒ Liquid Slurry

## Technical Specs:

Magnetic Strength: Up to 14,000 GS , 16,000Gs For Special.

Hygienic Finish: SUS 316L with mirror polishing for Pharma.

Cleaning Way : Manual, Auto & Remote