MIYAY PROSES

PROSES EKIPMANI TEKNIK DOSYA

CUSTOM PROCESS EQUIPMENT

H_2S Removal System

Safe and efficient hydrogen sulfide removal from industrial gas streams



EQUIPMENT	CATEGORY	MODEL LINE
H_2S Removal System	**Custom Process**	**4 options**

OVERVIEW

H_2S Removal System - Process-focused selection

The flow rate, H_2S concentration, temperature, pressure, and composition vary for each gas stream. MIYAY H_2S Removal Systems are engineered around actual site data and process requirements; pilot tests and sample analyses can be used to support the system design where needed.

TECHNICAL DATA

Project-specific technical summary

Technical parameter	Value	Project note
Flow Range	50 - 2000 Nm^3/h / Project Specific	Proje verilerine gore netlestirilir
H_2S Inlet Concentration	50-10,000 ppm, depending on the model / project-specific	Proje verilerine gore netlestirilir
H_2S Outlet Value	<1 ppm / <2 ppm, depending on the model / as required	Proje verilerine gore netlestirilir
System Type	Chemical / Biological / Physical Adsorption / Hybrid	Proje verilerine gore netlestirilir
Media Type	Iron-oxide-based / Biofilm-supported / Activated carbon / Combined media	Proje verilerine gore netlestirilir
Automation	Manual / Automatic / PLC / SCADA-compatible	Proje verilerine gore netlestirilir

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Technical parameter	Value	Project note
System Design	Fixed / Modular / Process-specific	Proje verilerine gore netlestirilir

PRODUCT MODELS

Model and size selection table

Model	Flow Range	H_2S Inlet Concentration	Outlet Value	System Type	Media Type
MPS-H2S-500	50-500 Nm³/h	50-5000ppm	<1 ppm	Fixed-bed chemical reactor	Iron-oxide-based
MPS-H2S-1000	500-1000 Nm³/h	100-10000 ppm	<2 ppm	Biological Column	Bio-film Supported
MPS-H2S-2000	1000-2000 Nm³/h	100-8000 ppm	<1 ppm	Physical adsorption	Activated Carbon
MPS-H2S-CUSTOM	Project-specific	Any level	As required	Hybrid / Custom design	Combined media

H_2S Removal System — Request a quote

Share your capacity, material, and process requirements so our engineering team can assess the right configuration.

REQUEST A QUOTE