MIYAY PROSES

PROSES EKIPMANI TEKNIK DOSYA

DUST COLLECTION SYSTEMS

Cyclone

High-efficiency industrial dust and particle separation solution



EQUIPMENT	CATEGORY	MODEL LINE
Cyclone	**Dust Collection Systems**	**11 options**

OVERVIEW

Cyclone - Process-focused selection

Every process has different particle sizes, size distributions, densities, gas velocities, and temperatures. MIYAY Process sizes Cyclone Systems for each project based on these operating conditions. Standard or high-efficiency, single- or multi-cyclone configurations provide solutions suited to process requirements.

TECHNICAL DATA

Project-specific technical summary

Technical parameter	Value	Project note
Capacity	3.000 - 50.000 m³/h	Proje verilerine gore netlestirilir
Multi-cyclone capacity	up to 100,000 m³/h	Proje verilerine gore netlestirilir
Cyclone type	Standard / High Efficiency	Proje verilerine gore netlestirilir
Cyclone configuration	Lapple / Swift / Peterson Whitby / Stairmand	Proje verilerine gore netlestirilir
Body Material	ST37-52 / stainless steel	Proje verilerine gore netlestirilir
Working Method	Single / multi-cyclone	Proje verilerine gore netlestirilir
Gas duct	Circular / rectangular	Proje verilerine gore netlestirilir

Technical parameter	Value	Project note
Particle size	up to 20 microns	Proje verilerine gore netlestirilir
Dust discharge	Air damper / rotary valve	Proje verilerine gore netlestirilir
Hot-process applications	Heat-resistant coating and insulation	Proje verilerine gore netlestirilir
Use upstream of a filter	Cassette Filter / Jet Pulse Filter	Proje verilerine gore netlestirilir

PRODUCT MODELS

Model and size selection table

Model	Capacity	Cyclone type	Material	Operation
MSF-3	3.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-5	5.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-8	8.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-10	10.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-12	12.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-15	15.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-20	20.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-30	30.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-40	40.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
MSF-50	50.000 m³/h	Standard / High Efficiency	ST52 / AISI 304L / AISI 316L Production in accordance with	Single / Multi
Custom	Process-specific	By process	By process	By process

GALLERY

Equipment details and site photos



Image 1



Image 2



Image 3

Cyclone — Request a quote

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

REQUEST A QUOTE