# The dust collector with a bag filter cassette for high operational safety.

## Maximum economic efficiency Safe investment and easy to

Save operating costs over the entire lifetime. The intelligent pulse system optimizes compressed air consumption during cleaning. This saves energy costs and reduces wear on the filters.

## **Excellent energy efficiency**

Optimize energy consumption with the automatic volume flow control. The self-regulating fan keeps the air volume constant during the production process.

## Customized system design

Say goodbye to rigid systems and choose maximum flexibility with the MultiJet series. We adapt your dust extraction system to your operational requirements in a volume flow range from 2,000 to 20,000 m<sup>3</sup>/h\*.

#### Easy maintenance on the raw air side

Save time and hassle when changing filters. With our simple replacement system for bag filter cassettes, you can replace the bag filters on the raw air side with minimal effort.

# retrofit

Choose maximum flexibility and investment security. Our dust collectors are modular and can be retrofitted with additional functions with minimal effort. Retrofitting additional fans, a police filter or an extinguishing system has never been so easy.

#### Best results for fibrous and sticky dust

Rely on maximum filtration performance with our high-quality bag filter cassettes and our intelligent pulse system. Optimized cleaning parameters in combination with robust filter bags lead to the best results – especially with fibrous and sticky dusts.



The product image may differ from the actual product and varies depending on the configuration \* = The operating volume flow may vary depending on the application.



# Digital. Personal. Available. Our service for your systems.

Our service team supports you from installation and commissioning to the renewal of your industrial extraction systems. We work paperless and provide you with service and maintenance reports completely digitally. This is sustainable and saves valuable time during service processing. We think outside the box. Our service technicians have many years of experience



## Efficient processes, effective advice.

We support you with system planning. Send us an inquiry now: hengst.com/dustcollector-consulting

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#### hengst.com/multijet

with industrial extraction systems. Benefit from this experience with first-class maintenance and professional commissioning. We offer professional cleaning services for systems with electrostatic precipitators. This safeguards your processes, increases your system availability and protects your employees.

# Excellent dedusting. Maximum flexibility.

The MultiJet dust collector with bag filter cassettes.

purifying our planet





hengst.com/multijet

# One series. Many opportunities.

The MultiJet series is a flexible and efficient dust extraction system for a wide range of applications involving sticky and fibrous dusts. Numerous variants and options enable it to be used in a wide variety of production environments.

Variant	TJS-P 2	TJS-P 4	TJS-P 6	TJS-P 8
Length	1.340	2.580	3.820	5.060
Width	1.150	1.150	1.150	1.150
Height/weight Hopper top version [mm/kg]	2.890 / 690	2.890 / 1.260	2.890 / 1.830	2.890/2.400
Height/weight Version with standard hopper and dust container [mm/kg]	3.710 / 817	3.710 / 1.476	3.710 / 2.130	3.710 / 2.787
Height/weight Version with standard hopper in flange design [mm/kg]	4.083 / 827	4.085 / 1.486	4.085 / 2.148	4.085 / 2.807
Nominal volume flow * [m³/h]	5.000	10.000	15.000	20.000
Max. pressure [Pa]	5.300	5.300	5.300	5.300
Number of bag filter cassettes	2	4	6	8
Weight of 1 bag filter cassette [kg]	25	25	25	25

Options	TJS-P 2	TJS-P 4	TJS-P 6	TJS-P 8
Spark arrester	$\checkmark$	$\checkmark$	$\checkmark$	√
Extinguishing device	✓	√	√	√
Silencer	✓	√	√	√
Slide gate **	√	√	√	√
Rotary valve **	✓	√	√	√
H-Class Certification ***	√	√	√	√
Integrated police filter (up to filter class H14)	√	√	√	√
Pre-coating container	√	√	√	√
Dust container monitoring	√	√	√	√
Remote access (remote control)	√	√	√	

✓ = Functions individually selectable \* = The operating volume flow can vary depending on the application.

\*\* = Height of standard hopper with flange design \*\*\* = H-Class certification upon request

# **Excellent dedusting. Maximum** flexibility. The MultiJet dust collector with bag filter cassette.

Reduce operating costs and increase operational safety with the modular MultiJet series. The intelligent pulse system optimizes compressed air consumption over the entire service lifetime of the system. The automatic volume flow control keeps the volume flow constant at the desired operating point.

> **Ergonomic filter design** Fast and safe filter changes.

Our unique replacement process simplifies filter replacement while guaranteeing ergonomic and safe handling. Replace the bag filter cassette from the raw air side and keep your process free from contamination.

#### **Proven quality** Maximum safety in challenging environments

Our standard dust collector systems have test certificates for safe use in challenging environments. Our systems have test certificates for dust classes M and H\*. Many of our dust collectors are optionally available in ATEX-compliant versions for use in potentially explosive atmospheres.



The product image may differ from the actual product and varies depending on the configuration.

\* = The operating volume flow may vary depending on the application. \*\* = H class testing available on request

The modular design of the MultiJet series enables quick integration and adaptation to operational requirements and volume flows from 2,000 to 24,000 m<sup>3</sup>/h<sup>\*</sup>. In any case, the MultiJet is a suitable choice for your business.

1000000

Intelligent pulse system Increase efficiency, reduce energy costs.

The intelligent pulse system optimizes compressed air and energy consumption during cleaning. Intelligent algorithms determine the pulse intensity and the required operating air flow rate for an optimal cleaning result. This lowers compressed air and energy costs and extends the service life of the bag filter cassette – even with fibrous and sticky dusts.

#### Modular design Easy to retrofit, protects your investment.

Every process is unique, and every process changes. Our dust extraction systems offer maximum investment security and flexibility. It is easy to retrofit additional fans, police filters or extinguishing devices.

#### **Comprehensive filtration expertise** Cartridges for a wide range of requirements.

Our broad portfolio of filter media effortlessly handles fine, abrasive, statically chargeable and other dusts.