HELIO® Clean

Dedusting system

Type series

- HELIO®Clean 2
- HELIO®Clean 3
- HELIO®Clean Pro 10
- HELIO®Clean Pro 20

2019

www.helios-systems.com
HELIO®Clean dedusting devices for injection moulding processes
Professional cleaning of plastics before processing

Plastic processing, especially injection moulding, requires absolutely pure raw materials without dust, angel hair and other impurities for the production of high-quality parts.

Since these often only occur during conveying, HELIO®Clean granulate cleaners are combined conveying and dedusting systems for mounting on the processing machine, which transfer the perfectly dedusted granulate / regrind material directly into the plasticizing unit.

Dust is removed by means of air-floating with a highly effective ion shower. Due to its absolutely new fountain principle, this air washing process is able to perform even the most difficult cleaning tasks perfectly.

When selecting a deduster system, the choice shall be made: As good as possible, or as good as necessary? We offer both!

HELIOS always has the optimal solution for your dedusting task.

Advantages of cleaning with HELIO®Clean dedusting units

By a professional cleaning of the material the quality of the resin can be brought back to its original state or the disturbing fines can be removed from the ground material.

- better part quality
- less scrap
- more regrind can be used
- less machine downtime

Problems with insufficiently dedusted resin

<table>
<thead>
<tr>
<th>Product quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>combustions (black dots)</td>
</tr>
<tr>
<td>unmelted parts (white dots)</td>
</tr>
<tr>
<td>streaks</td>
</tr>
<tr>
<td>surface problems</td>
</tr>
<tr>
<td>reduced mechanical properties</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Injection moulding machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>clogging and crust formation at the feeding zone</td>
</tr>
<tr>
<td>abrasion on screw and barrel due to charred dust</td>
</tr>
<tr>
<td>frequent machine downtime and high cleaning costs</td>
</tr>
</tbody>
</table>

HELIO®Clean - Milestones

- 2007 Deduster with compressed air jet
- 2008 Deduster integrated in JETBOX® dryer
- 2011 Deduster with integrated ejector
- 2012 Deduster with ionization
- 2014 Deduster with collecting unit
- 2016 Deduster with fountain and ion shower
- 2018 Deduster with blow cone and ion shower
**HELIO®Clean 3**

**Conveying and dedusting device with ion shower**

The new HELIO®Clean 3 conveyor / dedusting unit has been specially developed for injection moulding processes with small to medium throughputs and is suitable for mounting on the injection unit or a drying container.

- small and powerful
- compact / low weight
- air separation with ion shower
- 1- or 2-component version
- special glass construction
- simple operation
- optimum price/performance ratio
- cleaning by means of ions

**Material throughput up to 25 kg/h**

* depending on material and required degree of dedusting; example based on PMMA/PC

**Special glass construction**

The dedusting chamber is made of abrasion-resistant special glass. This enables efficient cleaning with the aid of ions, as these are not neutralised immediately when they hit the sifter wall, but can release the binding forces between dust and material over a longer period of time. This design also enables the conveying and cleaning process to be viewed from all sides.

**3-stage dedusting process**

**Air-floating with ion shower and dust suction**

**Filling**

The material is gently conveyed into the sifting glass with simultaneous dust separation during filling.

**Air floating + ion shower**

Dust separation by air-floating with ionized air of freely adjustable whirling.

**Cleaning**

The sifter glass is cleaned and neutralised with ionized air between two filling processes.

**Ion shower**

While the granulate is whirled up and circulated in the deduster, a continuous stream of ionized air is blown through the portion to be dedusted.

In this way, the binding forces between dust particles and granules are reduced to such an extent that the dust loosens and can be separated by air-floating.

Due to the special glass construction, the ions are particularly „long-lasting“ and therefore lead to a high efficiency of the ion shower.

1. **Insert ions**
2. **Neutralize charge**
3. **Separation by air-floating**

**Suction lance**

Compressed air operated Venturi suction lance. Conveying height up to 8 m.

**Dust removal**

The separated dust is removed into a separate dust collection container.

**STEP 1**

**STEP 2**

**STEP 3**

**STEP 1**

**STEP 2**

**STEP 3**

**STEP 1**

**STEP 2**

**STEP 3**

**Suction head**

**Filling height**

**Reversal zone**
HELIO® Clean 3

Assembly versions

Mounting on processing machine
Conveying and dedusting of the material directly on the feeding zone. Intermediate container optionally with 0.5 / 2.0 or 5.0 liter volume.
Machine adapter with L-claw

Mounting on drying container
Conveying with dedusting of the material on mobile dryer or top mounted dryer.

Split version
Installation of the control unit at a suitable place. So the weight on the drying container can be reduced or the control can be mounted at eye level in a user-friendly way.

HELIO® Clean 3 MIX
The MIX version can convey, dedust and homogenize regrind and virgin material in an adjustable mixing ratio.
The unit can be adjusted to any task effortlessly via 4 function keys with sub-levels.

HELIO® Clean 3 MIX, compact version

Ionizer
A standard ionizer ensures optimum dust separation during air-floating and cleaning.

Gentle conveying
The conveying speed for each material component can be adjusted steplessly and material protectively.

Filling with air-floating
When filling with Venturi suction lances, the filling process is already combined with air-floating and ion shower.

Standard equipment
- compact version (control on device)
- 1-component version
- version for mounting on processing machine
- Venturi suction lance with 3 m conveying hose package
- dust collection container with 5 m dust removal hose
- special glass, abrasion-resistant and viewable from all sides

Options
- flange ring for mounting on drying container
- split version (control can be mounted separately)
- 2-component version HELIO® Clean 3 MIX
- conveying hose package long (5 m)
- dust collection container extension (+ 11 litre volume)
- intermediate container 0.5 / 2.0 or 5.0 litre
- machine adapter with L-claws

Technical data
- Material: special glass, stainless steel, Al nickel-plated
- Material throughput: approx. 25 kg/h*
- Conveying pipe: DN 32
- Conveying height: max. 8 m
- Electrical connection: ~ 100 - 240 V AC, 50/60 Hz
- Power consumption: max. 20 W
- Pneumatic connection: min. 6 bar, 1/2”
- Compressed air quality: max. oil content ≤ 0.01 mg/m³
- Temperature range: 0 - 40 °C
- Height: 559 mm

* depending on the material to be dedusted and the required degree of dedusting

Example:
HELIO® Clean 3 MIX, compact version

Options
- compact version (control on device)
- 1-component version
- version for mounting on processing machine
- Venturi suction lance with 3 m conveying hose package
- dust collection container with 5 m dust removal hose
- special glass, abrasion-resistant and viewable from all sides

HELIO® Clean 3 MIX

HELIO® Clean 3 MIX

HELIO® Clean 3 MIX

HELIO® Clean 3 MIX
**HELIO®Clean 2**

**Compressed air conveyor with dedusting function**

The HELIO®Clean 2 conveyor / dedusting unit was specially developed for injection moulding and is suitable for mounting on a processing machine or a drying container.

- compact and simple construction
- 1- or 2-component version
- simple operation
- special glass construction
- optimum price/performance ratio

**Material throughput: up to 25 kg/h**

* depending on material and required degree of dedusting

**Dust removal process**

Dust separation by compressed air jet and whirling

**Filling**

Conveying using Venturi suction lance(s), the material is already dedusted during conveying, dust removal into the dust collection container.

**Conveying/Whirling**

Dedusting after each conveying process by 1 to 9 dedusting impulses by means of compressed air jet from above onto the dedusting portion, dust removal into the dust collection container.

**Control by JETBOXX® dryers**

JETBOXX® dryers from HELIOS can control up to two HELIO®Clean 2 dedusting units.

In this case, the control box on the dedusting and conveying unit is not required and all parameters for conveying and dedusting can be set directly on the dryer system control.

Please see also brochure JETBOXX® Dryer System

**Option CE/ME**

- version for mounting on processing machine with cone and machine adapter, type M
- 1-component version
- compact version (control on device)
- 3 m transport hose package with Venturi suction lance
- dust collection container + 5 m dust removal hose
- special glass, abrasion-resistant and viewable from all sides

**WINsystem® dryer with option ME**

HELIO®Clean 2 as hopper loader on drying container

**Technical data**

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<tr>
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<tr>
<td>Electrical connection</td>
<td>~ 100 - 240 V AC, 50/60 Hz</td>
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<tr>
<td>Power consumption</td>
<td>max. 15 W</td>
</tr>
<tr>
<td>Pneumatic connection</td>
<td>min. 6 bar, 1/2&quot;</td>
</tr>
<tr>
<td>Compressed air quality</td>
<td>max. oil content ≤ 0.01 mg/m³</td>
</tr>
<tr>
<td>Temperature range</td>
<td>0 - 40 °C</td>
</tr>
<tr>
<td>Weight</td>
<td>4.9 kg</td>
</tr>
<tr>
<td>Height</td>
<td>358 mm</td>
</tr>
</tbody>
</table>

* depending on the material to be dedusted and the required degree of dedusting
HELIÖ®Clean Pro
perfect granulate cleaning with the
HELIÖ®Clean Pro dedusting technology

An integrated conveyor system sucks resin/regrind into the dedusting chamber. The conveying speed can be preselected steplessly and new dust formation due to abrasion can be avoided.

A portion of exactly the same amount is gently dedusted by means of air-floating with an ion shower. The resin/regrind is sucked only as high that it does not touch the sieve disc at the dust outlet or leave the separator when the sieve disc is removed.

Safe removal of:
- dust
- splintering
- lint
- angel hair

4-stage dedusting technology
Air-floating in fountain with ion shower and dedusting

Fountain principle

Conveying
Pre-dedusting during filling by slow vacuum conveying with dust removal.

Loosening
Staged soft start with loosening and dust removal.

Air floating
Gentle air-floating with ionized air. Fountain with laminar air flow and dust removal.

Cleaning
Automatic cleaning and neutralization of the separator glass by ionized air between two dedusting cycles and dust removal.

Ion shower

While the granulate is whirled up and circulated in the deduster, a continuous stream of ionized air is blown through the portion to be dedusted.

In this way, the binding forces between dust particles and granules are reduced to such an extent that the dust loosens and can be separated by air-floating.

Due to the special glass construction, the ions are particularly "long-lasting" and therefore lead to a high efficiency of the ion shower.

1. Insert ions
2. Neutralize charge
3. Separation by air-floating

Insert onions

Neutralize charge

Separation by air-floating
Granulate cleaner for injection moulding processes

The new HELIO®Clean Pro 10 conveying and dedusting device was specially developed for injection moulding and is characterised by particularly gentle conveying and dedusting with an ion shower.

- 4-stage dedusting process
- maximum dedusting degree
- gentle dedusting
- easy cleaning
- control stand with cleaning aid
- compact or split construction
- 1- or 2-component version
  - air-floating with ion-cleaning
- 2x ionizer integrated

**Other equipment**

- Standard equipment:
  - 1-component compact version
  - control stand with dust collector + separable control cable
  - version can be converted to split version
  - 2 ionizers as standard
  - shut-off conveying line
  - outlet aid
  - shut-off / outlet flap
  - switchable vacuum cleaner for cleaning the dust collector
  - suction pipe and conveyor hose PUR-H 3 m
  - dust discharge hose 5 m

- Options:
  - Intermediate container 0.5 / 2.0 / 5.0 liter
  - flange ring for mounting on drying container
  - 2-component version
  - conveying hose PUR-H 5 m
  - dustproof shut-off valve with L-claws

**Specifications**

**Material**

- special glass, stainless steel, Al nickel-plated

**Filling capacity**

- up to 400 g

**Material throughput**

- up to 35 kg/h

**Conveying pipe**

- DN 32

**Conveying height**

- max. 8 m

**Electrical connection**

- ~ 100 - 240 V AC, 50/60 Hz

**Power consumption**

- max. 25 W

**Pneumatic connection**

- min. 6 bar, 1/2"

**Compressed air quality**

- max. oil content ≤ 0.01 mg/m³

**Temperature range**

- 0 - 40°C

**Technical data**

<table>
<thead>
<tr>
<th>Material</th>
<th>special glass, stainless steel, Al nickel-plated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filling capacity</td>
<td>up to 400 g</td>
</tr>
<tr>
<td>Material throughput</td>
<td>up to 35 kg/h</td>
</tr>
<tr>
<td>Conveying pipe</td>
<td>DN 32</td>
</tr>
<tr>
<td>Conveying height</td>
<td>max. 8 m</td>
</tr>
<tr>
<td>Electrical connection</td>
<td>~ 100 - 240 V AC, 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>max. 25 W</td>
</tr>
<tr>
<td>Pneumatic connection</td>
<td>min. 6 bar, 1/2&quot;</td>
</tr>
<tr>
<td>Compressed air quality</td>
<td>max. oil content ≤ 0.01 mg/m³</td>
</tr>
<tr>
<td>Temperature range</td>
<td>0 - 40°C</td>
</tr>
</tbody>
</table>

**Assembly versions**

- B-version for mounting on drying container
  - split construction
  - 8.4 kg

- M-version for mounting on processing machine
  - compact version
  - 16.0 kg
  - intermediate container (optional)
  - 2.7 kg

- Removable valve box

The HELIO®Clean Pro 10 is delivered as a compact unit as standard. The valve box can be easily disassembled and attached to the desired position, e.g. hooked up to the container handle.
HELIO® Clean Pro 20
Granulate cleaner for injection moulding processes

The new HELIO® Clean Pro 20 is the most powerful HELIOS conveying and dedusting unit and was specially developed for injection moulding. It is characterized by particularly gentle conveying and dedusting with an ion shower and is suitable for the most difficult dedusting tasks.

- 4-stage dedusting process
- High material throughput at max. dedusting degree
- Gentle dedusting
- Special glass construction
- Control stand with cleaning aid
- 1- or 2-component version
- Air-floating with ion-cleaning
  2x ionizer integrated

Material throughput up to 70 kg/h*

* depending on material and required degree of dedusting example based on PMMA/PC

Standard equipment
- M-version for mounting on processing machine
- 1-component version
- Control stand with dust collector
- 2 ionizers as standard
- Shut-off conveying line
- Shut-off / outlet flap
- Switchable vacuum cleaner for cleaning the dust collector
- Suction pipe and conveying hose PUR-H 3 m
- Dust discharge hose 5 m

Options
- 2-component version (Mix)
- Conveying hose PUR-H 5 m
- Machine adapter
- Intermediate container 2.0 liter

### Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Special glass, stainless steel, Al nickel-plated</td>
</tr>
<tr>
<td>Filling capacity</td>
<td>up to 800 g</td>
</tr>
<tr>
<td>Material throughput</td>
<td>50 to 70 kg/h*</td>
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<tr>
<td>Conveying pipe</td>
<td>DN 32</td>
</tr>
<tr>
<td>Conveying height</td>
<td>max. 8 m</td>
</tr>
<tr>
<td>Electrical connection</td>
<td>~ 100 - 240 V AC, 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>max. 25 W</td>
</tr>
<tr>
<td>Pneumatic connection</td>
<td>min. 6 bar, 1/2”</td>
</tr>
<tr>
<td>Compressed air quality</td>
<td>max. oil content ≤ 0.01 mg/m³</td>
</tr>
<tr>
<td>Temperature range</td>
<td>0 - 40 °C</td>
</tr>
</tbody>
</table>

### Control stand
- System control
- Vacuum generator with dust filter
- Dust collection container
- Filter cleaning
- Cleaning set

### Typical applications
- Conveying and dedusting of the material directly on the feeding zone.
- Material drying via stand alone dryer with subsequent conveying and dedusting of the material on the feeding zone.

### Conveying hose package

<table>
<thead>
<tr>
<th>Hose Type</th>
<th>Length</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction pipe</td>
<td>910 mm</td>
<td>380 mm</td>
</tr>
<tr>
<td>Conveying hose (standard)</td>
<td>3 m DN 32</td>
<td>3 m DN 32</td>
</tr>
<tr>
<td>Conveying hose (optional)</td>
<td>5 m DN 32</td>
<td>5 m DN 32</td>
</tr>
</tbody>
</table>

### Construction

M-version for mounting on processing machine

- Intermediate container 0.5 liter
- Machine adapter
- Control stand
- System control
- Vacuum generator with dust filter
- Dust collection container
- Filter cleaning
- Cleaning set

Example: HELIO® Clean Pro 20
1 component

2x ionizer integrated
Air-floating with ion-cleaning
4-stage dedusting process
High material throughput
at max. dedusting degree
Gentle dedusting
Special glass construction
Control stand with cleaning aid
1- or 2-component version

**Example: HELIO® Clean Pro 20 1 component**
HELIO® Clean Pro system control

Control stand with dust collecting container

Electronic control with microcontroller, programming interface for firmware updates, adjustment via 4 function keys with sub-levels, infinitely variable fine adjustment for conveying and air-floating.

- 5-stage vacuum generator
- dust collecting container
- automatic filter cleaning
- integrated cleaning aid
- system pressure regulator
- quick coupling for control line

Hose bridge
Control stand with telescopic hose bridge for supporting the control pipe and the dust removal hose.

Control line for HELIO® Clean Pro 10
2 coupling plugs with quick locking for energy and signals
Length 5 m between control stand and valve box
Length 0.7 m between valve box and separator

Control line for HELIO® Clean Pro 20
1 coupling plug with quick locking for energy and signals
Length 5 m between control stand and separator

Operation
Extensive setting options

The basic setting and the possible settings for the four functional areas are visible at the control stand. Each function key has several sub-levels which can be called up by pressing the key. Detailed operating instructions allow you to optimize the process steps for each application.

Dust collecting container
The dust collection container can be simply pulled out and emptied.

Automatic filter cleaning
Electronic control with microcontroller, programming interface for firmware updates, adjustment via 4 function keys with sub-levels, infinitely variable fine adjustment for conveying and air-floating.
**System control with integrated cleaning aid**

**Easy handling / effortless cleaning**

**Use as cleaning aid**
To clean the dust extractor, the control stand can be used as a classic vacuum cleaner. Instead of the dust discharge hose, the vacuum cleaner hose is plugged on and used together with one of the supplied cleaning attachments.

**HELIO®Clean Pro 10**

The dedusting chamber can be hinged down
The dedusting chamber can be hinged down for cleaning with just one movement.

**HELIO®Clean Pro 20**

Dedusting chamber can be swivelled out
Upper part of the deduster can be released and swivelled out in a few simple steps.

**HELIO®Clean Pro 10/20**

**Accessories and options**

**Conveying hose package**
- suction pipe
- conveying hose PUR-H with earthing

<table>
<thead>
<tr>
<th></th>
<th>suction pipe long</th>
<th>suction pipe short</th>
</tr>
</thead>
<tbody>
<tr>
<td>suction pipe length</td>
<td>810 mm</td>
<td>380 mm</td>
</tr>
<tr>
<td>+ conveying hose (standard)</td>
<td>3 m DN 32</td>
<td>3 m DN 32</td>
</tr>
<tr>
<td>+ conveying hose (optional)</td>
<td>3 m DN 32</td>
<td>3 m DN 32</td>
</tr>
</tbody>
</table>

**Intermediate container**
- 0.5 liter
- 2.0 liter
- 5.0 liter

**Machine adapter**
- shut-off valve made of stainless steel
- dustproof version
- L-guide rails made of steel, nickel-plated
- clamping lever for sliding rail

for sliding rail (mm)

<table>
<thead>
<tr>
<th></th>
<th>70</th>
<th>80</th>
</tr>
</thead>
<tbody>
<tr>
<td>Option</td>
<td>10</td>
<td>15</td>
</tr>
</tbody>
</table>

Special sizes are available on request.

**Mobile dedusting station**
Separator connected to control stand. Filling of the dedusted granulate in mobile day container.

**HELIO® Clean Pro control stand colour**
available in HELIOS blue or light grey
HELIO®Clean 2/3

Accessories and options

Conveying hose package
- suction pipe Venturi
- conveying hose PUR-H with earthing
- compressed air line bundled with hose

Dust removal
The removed dust is separated in the dust collection container. An integrated exhaust air filter ensures dust-free ambient air.

<table>
<thead>
<tr>
<th>HELIO®Clean 2</th>
<th>HELIO®Clean 3</th>
<th>HELIO®Clean Pro 10</th>
<th>HELIO®Clean Pro 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>material</td>
<td>max. 25 kg/h</td>
<td>max. 25 kg/h</td>
<td>max. 35 kg/h</td>
</tr>
<tr>
<td>filling</td>
<td>up to 200 g</td>
<td>up to 300 g</td>
<td>up to 400 g</td>
</tr>
<tr>
<td>process</td>
<td>whirlring up by compressed air jet from above</td>
<td>air-floating with whirlring up by ionized compressed air from below</td>
<td>air-floating with ionized air by circulating in the fountain</td>
</tr>
<tr>
<td>ionizer</td>
<td>no ionization possible</td>
<td>1 ionizer standard</td>
<td>2 Ionizers standard</td>
</tr>
<tr>
<td>control</td>
<td>HELIO®Clean 2 or JETBOX® Pro control</td>
<td>HELIO®Clean 3 control</td>
<td>HELIO®Clean Pro control stand</td>
</tr>
<tr>
<td>place of action</td>
<td>suitable for mounting on processing machine or drying container</td>
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</tr>
<tr>
<td>features</td>
<td>compact or split version</td>
<td>compact or split version</td>
<td>compact or split version</td>
</tr>
<tr>
<td></td>
<td>1- or 2-components version</td>
<td>separate dust collection container</td>
<td>1- or 2-components version</td>
</tr>
<tr>
<td></td>
<td>separate dust collection container</td>
<td>intermediate container for dedusted material</td>
<td>separate dust collection container</td>
</tr>
<tr>
<td></td>
<td>Venturi suction lances</td>
<td>cleaning of dust collection chamber with ion flushing</td>
<td>Venturi suction lances</td>
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For further information, please contact us at your nearest location. We will be happy to help you to select the right device for your requirements. You are welcome to send us a material sample of the granulate or regrind material to be dedusted and we will carry out tests for you in our technical centre. In case of a positive result, we will make a recommendation for the ideal device and you can test the deduster at your site.

HELIO®Clean type overview

We will be happy to help you to select the right device for your requirements. You are welcome to send us a material sample of the granulate or regrind material to be dedusted and we will carry out tests for you in our technical centre. In case of a positive result, we will make a recommendation for the ideal device and you can test the deduster at your site.

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Conveying hose package
- suction pipe Venturi
- conveying hose PUR-H with earthing
- compressed air line bundled with hose

Dust removal
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<td>HELIO®Clean 2 or JETBOX® Pro control</td>
<td>HELIO®Clean 3 control</td>
<td>HELIO®Clean Pro control stand</td>
</tr>
<tr>
<td>place of action</td>
<td>suitable for mounting on processing machine or drying container</td>
<td>suitable for mounting on processing machine or drying container</td>
<td>suitable for mounting on processing machine or drying container</td>
</tr>
<tr>
<td>features</td>
<td>compact or split version</td>
<td>compact or split version</td>
<td>compact or split version</td>
</tr>
<tr>
<td></td>
<td>1- or 2-components version</td>
<td>separate dust collection container</td>
<td>1- or 2-components version</td>
</tr>
<tr>
<td></td>
<td>separate dust collection container</td>
<td>intermediate container for dedusted material</td>
<td>separate dust collection container</td>
</tr>
<tr>
<td></td>
<td>Venturi suction lances</td>
<td>cleaning of dust collection chamber with ion flushing</td>
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</tbody>
</table>

For further information, please contact us at your nearest location. We will be happy to help you to select the right device for your requirements. You are welcome to send us a material sample of the granulate or regrind material to be dedusted and we will carry out tests for you in our technical centre. In case of a positive result, we will make a recommendation for the ideal device and you can test the deduster at your site.

HELIO®Clean 2/3

Accessories and options

Conveying hose package
- suction pipe Venturi
- conveying hose PUR-H with earthing
- compressed air line bundled with hose

Dust removal
The removed dust is separated in the dust collection container. An integrated exhaust air filter ensures dust-free ambient air.

<table>
<thead>
<tr>
<th>HELIO®Clean 2</th>
<th>HELIO®Clean 3</th>
<th>HELIO®Clean Pro 10</th>
<th>HELIO®Clean Pro 20</th>
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<tr>
<td>material</td>
<td>max. 25 kg/h</td>
<td>max. 25 kg/h</td>
<td>max. 35 kg/h</td>
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<tr>
<td>filling</td>
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<td>up to 300 g</td>
<td>up to 400 g</td>
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<td>process</td>
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<td>air-floating with whirlring up by ionized compressed air from below</td>
<td>air-floating with ionized air by circulating in the fountain</td>
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<td>ionizer</td>
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<td>1 ionizer standard</td>
<td>2 Ionizers standard</td>
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<td>control</td>
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HELIO®Clean type overview

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The first step for a successful and long-lasting cooperation always starts with the personal contact to the customer. Our experienced sales representatives will be happy to advise you directly on site about the latest technical developments from HELIOS and their possible applications.

We carry out significant material tests in our in-house technology center and provide you with a detailed test protocol. We will show you the advantages of our products for the expansion or modernization of your machinery and will immediately prepare an individual quotation for you.

Short delivery times of 4 - 8 weeks are standard at HELIOS.

Consulting and quoting

Top-mounted dryers  Mobile dryers  Variable dryer station  Dryer station

Discharging stations for Octabin and BigBag

OKTOMAT® SOS  OKTOMAT® SOS Classic  OKTOMAT® SOS INOX  OKTOMAT® ECO  OKTOMAT® ECO Classic

Dedusters for plastic granulate/regrind

HELIO®Clean 2  HELIO®Clean 3  HELIO®Clean Pro 10  HELIO®Clean Pro 20

OKTOMAT® Emptying system

OKTOMAT® Drying system

Consulting and quoting

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Your perfect partner for material handling

**JETBOXX®**
*Drying system*
Dry-air dryers for plastic granulate

**OKTOMAT®**
*Emptying system*
Discharging stations for Octabin and BigBag

**HELIO®Clean**
*Dedusting system*
Dedusters for plastic granulate/regrind