

Compressed air
hopper loader

- ➔ of special glass
- ➔ compact type of construction
- ➔ maintenance-free*
- ➔ highly wear-resistant

1 component hopper loader of special glass with capacitive filling level sensor, 1 suction lance Venturi V2 + 3m PUR conveying hose, detachable conveying control.

* except for filter element



HELIOJET
with single-stage dedusting

Never again quality problems because of dust in resins in the injection moulding process

It is possible to obtain a homogene melt basing on the reliable dedusting before melting in the screw, thus avoiding black spots of injection moulded parts. The dust will be separated from the conveyed bulk material and transported under pressure by means of conveying air to a separate dust collection bin.



conveying control HELIOSTAR (for HELIOJET with deduster)

Up to 99% of the dust content will be removed from the resins or regrinds during conveying by means of HELIOClean and separated easily to a dust collection bin.

Dedusting simply and efficiently

- optimally dedusted resins/regrinds
- dust-free conveying
- high cost-performance-ratio



The hopper loader is connected to the dust collection bin by means of dust conveying hose.

Example of use
HELIOJET 2M with dedusting placed directly on the injection moulding machine



HELIOJET operating panel

Typ: HELIOJET

- conveying control
- On / Off hopper loader
- Control display
- Control arrow keys (up/down)

Control

- display
- On/Off key
- arrow key, upwards
- arrow key, downwards

Operating panel HELIOJET



HELIOJET with deduster operating panel

Typ: HELIOSTAR

- conveying control
- On / Off hopper loader
- Control display
- Control arrow keys (up/down)
- conveying time
- filter cleaning air bursts 0...9
- conveyor monitoring 0...99 sec.
- on/off

Control

- display
- conveying time
- dedusting
- allowed conveying time
- On/Off key
- arrow key, upwards
- arrow key, downwards

Operating panel HELIOSTAR (for HELIOJET with deduster)

HELIOJET standard version

- transparent cylinder of 5mm special glass with 1 conveying adapter
- capacitive filling level sensor
- HELIOS Venturi type suction lance with wear-resistant suction lance of INOX and 3 m conveying hose
- conveying control with conveying time monitoring
- detachable filter element

HELIOJET options

- single-stage dedusting HELIOCLEAN
- coated conical outlet
- adapter for injection moulding machine Arburg, Demag, Krauss Maffei, Boy, Netstal, Engel



loader type	HELIOJET 1B	HELIOJET 1M	HELIOJET 2B	HELIOJET 2M
material	special glass / stainless steel / aluminium			
conveying pipe diameter	DN 32			
weight (kg)	0,8	1,2	2,5	2,9
impulse given by	sensor			
typical field of application ca. (kg/h)	1-30			
diameter without additions (mm)	155		200	
height (mm)	215	265	280	320
height with dedusting top part (mm)	275	325	295	335

