

COMPONENTS



Counterflow pellet cleaner GTS - Type S

Application

Counterflow pellet cleaners are used for securing a constant product quality during producing and processing of various kinds of plastic pellets. They separate dust particles and streamers from the pellets.

Function

Inside the pellet cleaner the product is accelerated and blown into a counter-current gas stream. Due to the high relative velocity between the counterflow stream dust particles and streamers are removed effectively and economically

Design features

- separation of fine dust particles from pellets
- separation of long streamers without any difficulties
- high reliability as no moving and rotating parts
- high degree of separation due to particle acceleration and 180° deflection of air stream
- constant separation efficiency during the whole operation period as practically no wear
- application in pneumatic vacuum as well as in pressurized conveying systems
- gravity feeding possible

- individual design to product requirements and throughput
- discharge of the cleaned product by rotary feeder without any difficulties

Versions

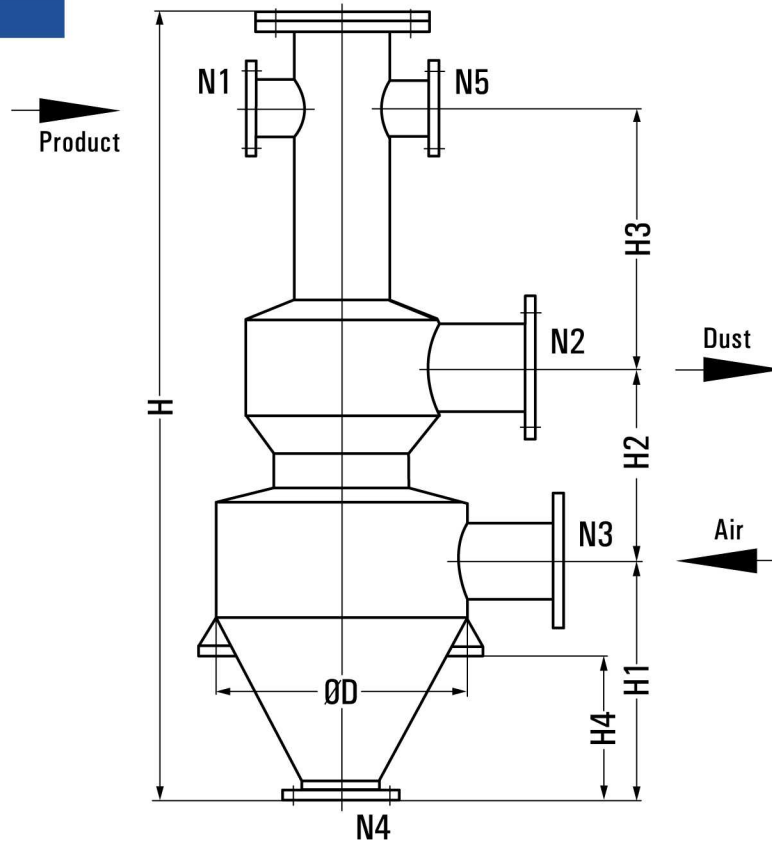
- throughput 1 to 60 t/h
- calculation and design acc. to individual technical requirement;
- drill pattern of flanges acc. to DIN 2501 PN 10, ANSI 150# or client's standard

Type designation

GTS - 30 - 35 - S - SS

SS Material of construction: stainless steel
 I Radial inlet with deflector
 K Top Inlet
 S Radial inlet
 35 Type (max. theoretical throughput)
 30 Effective throughput (t/h)
 GTS Counterflow pellet cleaner

Sketch



Type	H	H1	H2	H3	D	N1*	N2*	N3*	N4*	V/m ³	Weight/kg**
GTS-3,5	2755	950	650	980	391	84	162	127	150	0.14	130
GTS- 5	2900	950	750	920	420	84	186	127	213	0.18	160
GTS- 6	2950	1000	750	920	437	102	186	127	233	0.19	170
GTS- 8	3200	1200	800	910	462	108	211	127	233	0.27	195
GTS-10	3250	1200	800	940	505	127	250	151	316	0.33	250
GTS-15	3500	1250	950	970	630	151	264	211	316	0.53	350
GTS-20	3800	1500	900	1050	740	186	298	230	350	0.86	425
GTS-25	4000	1600	900	1140	820	211	314	250	350	1.1	475
GTS-30	4200	1650	900	1270	934	211	346	298	350	1.5	570
GTS-35	4600	1950	950	1320	1030	250	396	314	350	2.1	685
GTS-40	4800	2050	950	1420	1130	264	396	314	350	2.5	760
GTS-45	4870	2050	980	1550	1257	298	396	314	350	3.3	850
GTS-50	5350	2400	950	1600	1329	298	396	314	498	4.1	950
GTS-60	5800	2550	1000	1800	1526	314	498	346	498	5.7	1200

* Preferred diameter (I.D.) ** empty

Design changes reserved

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