

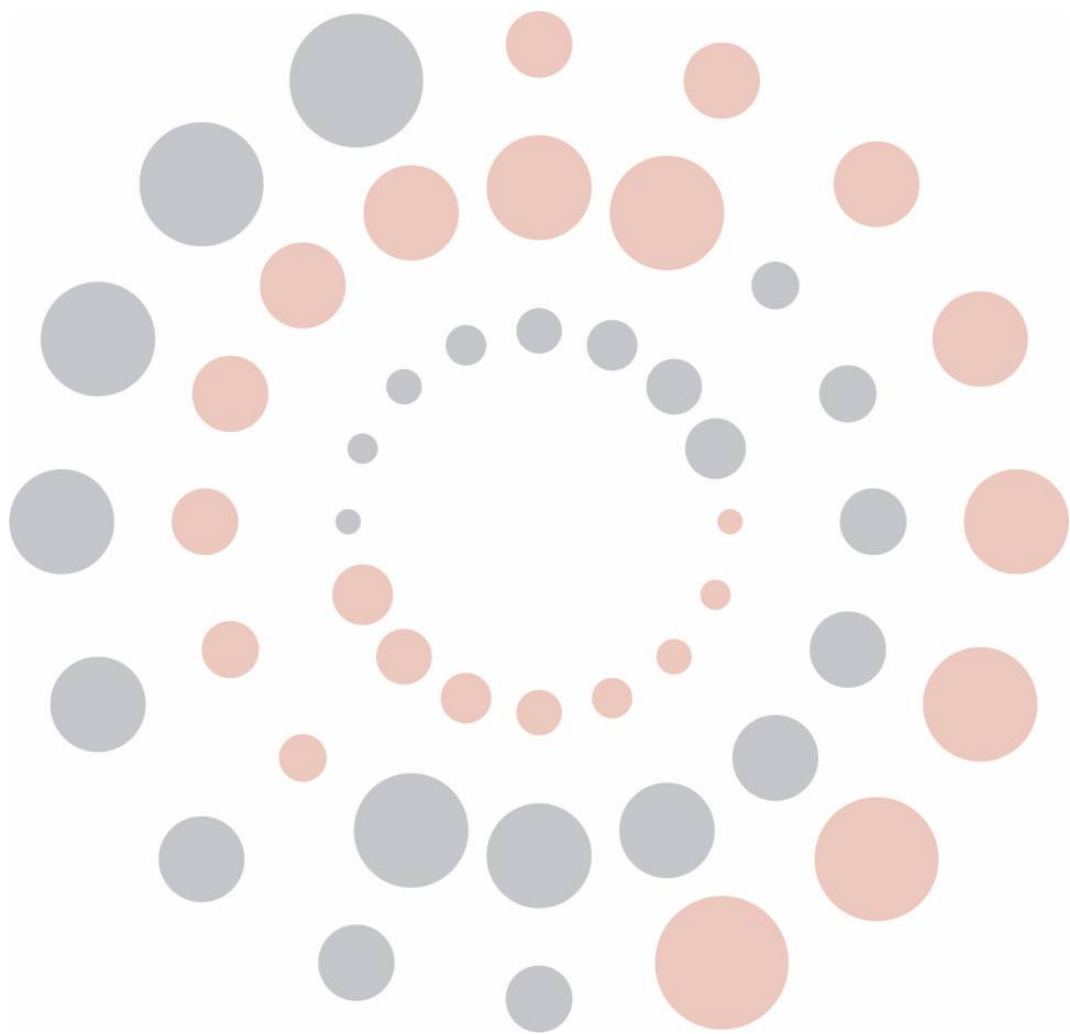


qip

Quality in Plastics

PRODUCTS CATALOG





Plastics have become an integral part of today's world. High-quality plastics offer many advantages and are used in technologically advanced products. In many cases, the raw materials are hygroscopic and must be properly dried before processing. Two companies have dedicated passionately themselves to this task as well as to the material handling of plastic granules.



The joint venture between qip GmbH and Wenz Kunststoff GmbH can look back on more than twenty years of experience in this field. An immensely energy-efficient method for drying tasks and sophisticated solutions for material transport and distribution have been developed. With the systems of the BD, CD, FD, HD, JD, UD and TD series, qip offers compact and intelligent dryers that are available in sizes from 0.5 to 4700 liters. The technology used differs significantly from that of conventional manufacturers, opening up completely new possibilities for the future. Whether centralized or decentralized drying systems, with or without centralized or decentralized material supply, or customized solutions, we offer customers the highest level of energy efficiency and communication options currently available on the market.

Benefit from our expertise to reduce your CO2 emissions, guarantee absolute process reliability and ensure the transparency of material handling. We look to the future with confidence and with the knowledge that we can make an important contribution to the conservation of resources to protect our environment.

Drying

CD series, CD-S series, TD series
JD series, BD series
FD series, UD series, HD series

Drying accessories

Shut-off slider, Claw flange
Heavy-duty claw flange, Distance adapter
Quick-change adapter, Frames, Suction box

Material handling

Venturi conveyor VL
Vacuum conveyor HL
Central loader CL

Material handling accessories

Adapter plate, Adapter funnel
Underbody funnel
Throughput monitoring

Material storage

Storage container SC



Drying CD series

The CD series is mainly used for drying hygroscopic plastics with low material throughputs and requires a very small amount of compressed air. The compact design is intended for installation directly on the machine infeed of the production machine.

They are operated through a state-of-the-art control system with colored display and touch screen. Protection from overdrying, weekly timers, drying programs, recording of process data on a USB stick and ModbusTCP communication are just some of the many standard features. Interfaces for data exchange with various machines and production systems via OPC UA, TTY, SQL or via web client are optionally available.

The control of a Venturi or vacuum loader for up to two materials is also integrated. Alarms are reported to the operator through a flashing light.

The drying hopper, which is equipped with a hinged lid ex works, is made of transparent, temperature-resistant borosilicate glass and allows the material fill level to be viewed at all times. The dry air is fed along the circumference at the very bottom. This eliminates the need for the usual air inlet pipe, which facilitates the cleaning process when changing materials.

If required, the appliance can also be placed on a mobile frame for maximum mobility.

- **No molecular sieve**
- **3-year warranty on workmanship and material**
- **Maintenance-free**
- **Absolute process stability with constant drying performance for life time**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



CD2.5

Article no.		Q10000	
Hopper volume	[liter]	2.5	
Supply voltage	[V / Hz]		
Installed power	[W]	350	
Compressed air consumption	[Nm ³ /h]	1.5	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]		
Mounting flange at material outlet	[mm]		
Mounting flange for frame	[mm]		
Height	[mm]	410	
Width	[mm]	255	
Depth	[mm]	350	
Weight	[kg]	12	

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).



CD4.5

CD7

CD11

Q10001	Q10002	Q10003
4.5	7	11
1N 230 / 50 ... 60		
350	350	350
2.5	3.5	4.5
6 to 10		
20 bis 180 (higher temperatures on request)		
clamping ring DN180		
Ø40		
80 x 80 / 4x M6		
120 x 120 / 4x M6		
510	690	810
255	255	255
350	350	365
14	16	18

Drying CD-Split series

The CD-Split series is mainly used for drying hygroscopic plastics with low material throughputs and requires a very small amount of compressed air. In this series, control unit and heater are separated from the drying hopper. This design is particularly recommended for machines with limited space at the material infeed or where the dryer has to be mounted on a high level, making the controller difficult to reach. The control module can so be installed close to the operating panel of the production machine.

The compact design is intended for installation directly on the machine infeed of the production machine. They are operated through a state-of-the-art control system with colored display and touch screen. Protection from overdrying, weekly timers, drying programs, recording of process data on a USB stick and ModbusTCP communication are just some of the many standard features. Interfaces for data exchange with various machines and production systems via OPC UA, TTY, SQL or via web client are optionally available.

- **No molecular sieve**
- **3-year warranty on workmanship and material**
- **Maintenance-free**
- **Absolute process stability with constant drying performance for life time**
- **Venturi loader included as standard**
- **Separate drying hopper for installation in confined spaces**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



CD0.5-S

Article no.		Q10067	
Hopper volume	[liter]	0.5	
Supply voltage	[V / Hz]		
Installed power	[W]	350	
Compressed air consumption	[Nm³/h]	1.0	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]		
Mounting flange at material outlet	[mm]		
Height of control unit / dryer	[mm]	379 / 274	
Width of control unit / dryer	[mm]	267 / 110	
Depth of control unit / dryer	[mm]	141 / 224	
Weight of control unit / dryer	[kg]	5.0 / 2.0 (plus 3.0 for Venturi Loader)	

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).



CD1-S

Q10082

1

1N 230 / 50 ... 60

350

1.2

6 to 10

20 bis 180 (higher temperatures on request)

Venturi Loader integrated

Ø25

50 x 50 / 4x M6

379 / 404

267 / 110

141 / 224

5.0 / 2.5 (plus 3.0 for Venturi Loader)

Drying CD-Split series

The control of a Venturi or vacuum loader for up to two materials is also integrated. Alarms are reported to the operator through a flashing light.

The drying hopper, which is equipped with a hinged lid ex works, is made of transparent, temperature-resistant borosilicate glass and allows the material fill level to be viewed at all times. The dry air is fed along the circumference at the very bottom. This eliminates the need for the usual air inlet pipe, which facilitates the cleaning process when changing materials.

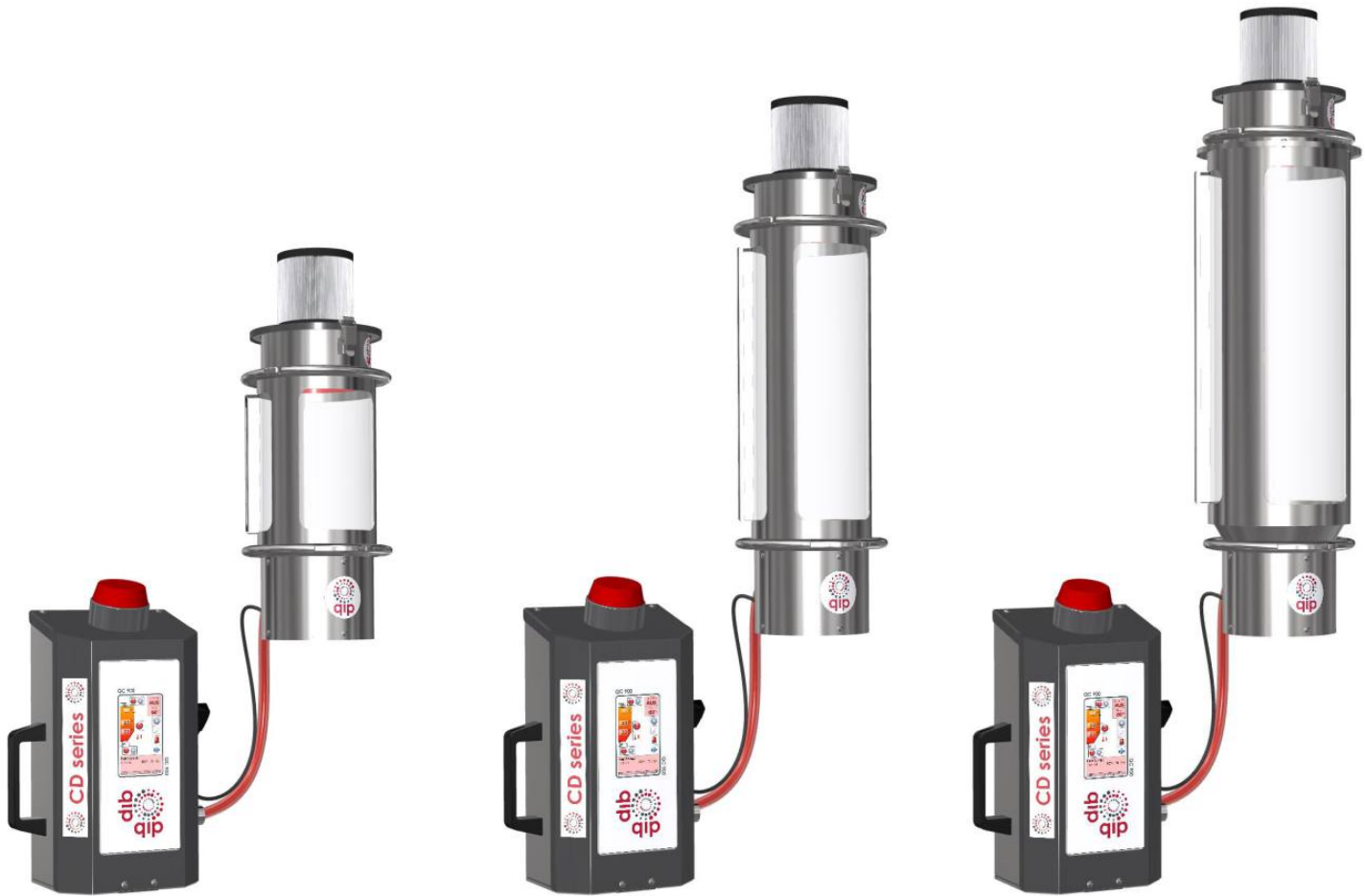
- **No molecular sieve**
- **3-year warranty on workmanship and material**
- **Maintenance-free**
- **Absolute process stability with constant drying performance for life time**
- **Separate drying hopper for installation in confined spaces**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



CD2.5-S

Article no.		Q10070	
Hopper volume	[liter]	2.5	
Supply voltage	[V / Hz]		
Installed power	[W]	350	
Compressed air consumption	[Nm ³ /h]	1.5	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]		
Mounting flange at material outlet	[mm]		
Mounting flange for frame	[mm]		
Height of control unit / dryer	[mm]	379 / 274	
Width of control unit / dryer	[mm]	267 / 110	
Depth of control unit / dryer	[mm]	141 / 224	
Weight of control unit / dryer	[kg]	5.0 / 4.5	

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).



CD4.5-S

CD7-S

CD11-S

Q10071	Q10072	Q10073
4.5	7	11
1N 230 / 50 ... 60		
350	350	350
2.5	3.5	4.5
6 to 10		
20 bis 180 (higher temperatures on request)		
clamping ring DN180		
Ø40		
80 x 80 / 4x M6		
120 x 120 / 4x M6		
379 / 274	379 / 274	379 / 274
267 / 110	267 / 110	267 / 110
141 / 224	141 / 224	141 / 224
5.0 / 5.5	5.0 / 6.5	5.0 / 8.5

Drying TD series

The TD series is mainly used for drying hygroscopic plastics with low material throughputs and requires a very small amount of compressed air. The compact design is intended for installation directly on the machine infeed of the production machine.

They are operated through a standard temperature controller that allows two temperatures to be set. If production is interrupted, the temperature can be automatically reduced to a lower level, protecting the material from overdrying. A Venturi loader can be used to fill the dryer. The corresponding control is integrated as standard. Alarms are reported to the operator through a flashing light.

The drying hopper, which is equipped with a hinged lid ex works, is made of transparent, temperature-resistant borosilicate glass and allows the material fill level to be viewed at all times. The dry air is fed along the circumference at the very bottom. This eliminates the need for the usual air inlet pipe, which facilitates the cleaning process when changing materials.

If required, the appliance can also be placed on a mobile frame for maximum mobility.

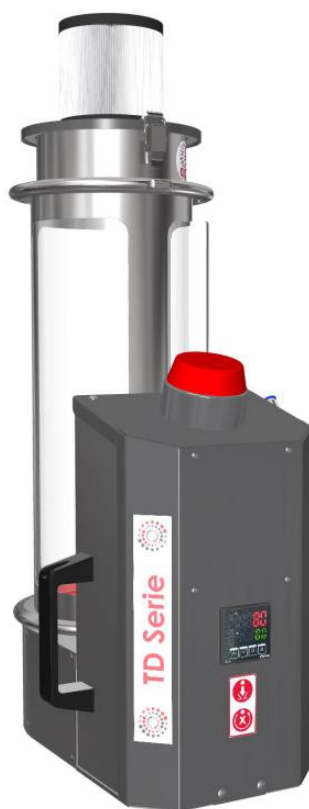
- **No molecular sieve**
- **3-year warranty on workmanship and material**
- **Maintenance-free**
- **Absolute process stability with constant drying performance for life time**
- **Simple installation and commissioning**



TD2.5

Article no.		Q10028	
Hopper volume	[liter]	2.5	
Supply voltage	[V / Hz]		
Installed power	[W]	350	
Compressed air consumption	[Nm ³ /h]	1.5	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]		
Mounting flange at material outlet	[mm]		
Mounting flange for frame	[mm]		
Height	[mm]	410	
Width	[mm]	255	
Depth	[mm]	350	
Weight	[kg]	12	

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).



TD4.5

TD7

TD11

Q10029

Q10030

Q10031

4.5

7

11

1N 230 / 50 ... 60

350

350

350

2.5

3.5

4.5

6 to 10

20 bis 180 (higher temperatures on request)

clamping ring DN180

Ø40

80 x 80 / 4x M6

120 x 120 / 4x M6

510

690

810

255

255

255

350

350

365

14

16

18

Drying JD series

The JD series is mainly used for drying hygroscopic plastics with small to medium material throughputs and operates with compressed air. The compact design allows installation directly on the machine infeed of the production machine. For hopper volumes from 120 liters and higher, however, installation on a mobile frame is recommended.

They are equipped with a state-of-the-art control system with colored display and touch operation. Automatic energy control depending on the current material throughput, protection from overdrying, weekly timers, drying programs, recording of process data on USB stick and ModbusTCP communication are just some of the many standard features. Interfaces for data exchange with various machines and production systems through OPC UA, TTY, SQL or through web client are optionally available. The control of a Venturi or vacuum loader for up to two materials for filling and emptying is also integrated. Alarms are reported to the operator through a flashing light.

The circular drying hopper is made of stainless steel and features a sight glass that allows the material fill level to be viewed at all times. From a volume of 77 liters, the appliances are equipped with a generously dimensioned door.

- **No molecular sieve**
- **3-year warranty on workmanship and material**
- **Maintenance-free**
- **Absolute process stability with constant drying performance for life time**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



		JD11	JD22	
Article no.		Q10056	Q10004	
Hopper volume *	[liter]	11	22	
Supply voltage	[V / Hz]			
Installed power	[W]	1000	1000	
Compressed air consumption	[Nm³/h]	4.5	4.0 to 7.5	
Compressed air supply	[bar]			
Drying temperature	[°C]			
Mounting flange for loader	[mm]			
Material outlet	[mm]			
Mounting flange at material outlet	[mm]			
Mounting flange for frame	[mm]	160 x 160 / 4x M6		
Height	[mm]	570	720	
Width	[mm]	340	375	
Depth	[mm]	360	490	
Weight	[kg]	18	26	

* Bins with volumes of 120 and 170 liters are equipped with a service door as standard; it is available as an option for 44 and 77 liters.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



JD44

JD77

JD120

JD170

Q10005	Q10006	Q10007	Q10008
44	77	120	170
1N 230 / 50 ... 60			
1000	3300	3300	3300
4.5 to 14.5	4.5 to 25.0	5.5 to 39.0	6.0 to 54.0
6 to 10			
20 bis 180 (higher temperatures on request)			
BCØ174 / 4x M6			
Ø50			
105 x 105 / 4x M8			
200 x 200 / 4x M6		300 x 300 / 4x M6	
905	1095	1270	1420
445	510	560	610
590	620	700	750
36	44	60	76

Drying BD series

The BD series is mainly used for drying hygroscopic plastics with small to medium material throughputs and operates with compressed air. The compact design allows installation directly on the machine infeed of the production machine. For hopper volumes from 120 liters and higher, however, installation on a mobile frame is recommended. They are equipped with a standard temperature controller that allows two temperatures to be set. If production is interrupted, the temperature can be automatically reduced to a low level, protecting the material from over-drying. A mechanical energy control reduces the compressed air and therefore also the energy requirement depending on the material throughput. A Venturi loader can be used to fill the dryer. The corresponding control system is integrated as standard. Alarms are reported to the operator through a flashing light.

The circular drying hopper is made of stainless steel and features a sight glass that allows the material fill level to be viewed at all times. From a volume of 77 liters, the appliances are equipped with a generously dimensioned door.

The dry air is fed along the circumference at the very bottom. This eliminates the need for the usual air inlet pipe, which facilitates the cleaning process when changing materials.

- No molecular sieve
- 3-year warranty on workmanship and material
- Maintenance-free
- Absolute process stability with constant drying performance for life time
- Simple installation and commissioning



		BD11	BD22	
Article no.		Q10057	Q10032	
Hopper volume *	[liter]	11	22	
Supply voltage	[V / Hz]			
Installed power	[W]	1000	1000	
Compressed air consumption	[Nm³/h]	4.5	4.0 to 7.5	
Compressed air supply	[bar]			
Drying temperature	[°C]			
Mounting flange for loader	[mm]			
Material outlet	[mm]			
Mounting flange at material outlet	[mm]			
Mounting flange for frame	[mm]	160 x 160 / 4x M6		
Height	[mm]	570	720	
Width	[mm]	340	375	
Depth	[mm]	360	490	
Weight	[kg]	18	26	

* Bins with volumes of 120 and 170 liters are equipped with a service door as standard; it is available as an option for 44 and 77 liters.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



BD44

BD77

BD120

BD170

Q10033	Q10034	Q10035	Q10036
44	77	120	170
1N 230 / 50 ... 60			
1000	3300	3300	3300
4.5 to 14.5	4.5 to 25.0	5.5 to 39.0	6.0 to 54.0
6 to 10			
20 bis 180 (higher temperatures on request)			
BCØ174 / 4x M6			
Ø50			
105 x 105 / 4x M8			
200 x 200 / 4x M6		300 x 300 / 4x M6	
905	1095	1270	1420
445	510	560	610
590	620	700	750
36	44	60	76

Drying FD series

The FD series use the revolutionary two-circuit technology and allows immense energy savings thanks to the extremely low compressed air consumption. The units are mainly used for drying hygroscopic plastics with small to medium material throughputs. The compact design allows installation directly on the machine infeed of the production machine. For hopper volumes from 120 liters and higher, however, installation on a mobile frame is recommended.

They are equipped with a state-of-the-art control system with color display and touch operation. Automatic energy control depending on the current material throughput, protection from overdrying, weekly timers, drying programs, recording of process data on USB stick and ModbusTCP communication are just some of the many standard features. Interfaces for data exchange with various machines and production systems through OPC UA, TTY, SQL or through web client are optionally available. The control of a Venturi or vacuum loader for up to two materials for filling and emptying is also integrated. Alarms are reported to the operator through a flashing light.

The circular drying hopper is made of stainless steel and features a sight glass that allows the material fill level to be viewed at all times. From a volume of 77 liters, the appliances are equipped with a generously dimensioned door.

The dry air is fed along the circumference at the very bottom. This eliminates the need for the usual air inlet pipes, which facilitates the cleaning process when changing materials.

- **No molecular sieve / Maintenance-free**
- **3-year warranty on workmanship and material**
- **Immense energy savings**
- **Absolute process stability with constant drying performance for life time**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



		FD44	FD77
Article no.		Q10009	Q10037
Hopper volume **	[liter]	44	77
Supply voltage	[V / Hz]		
Installed power	[W]	2000	3600
Compressed air consumption	[Nm³/h]	3.0 to 4.0 *	3.0 to 5.5 *
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]		
Mounting flange at material outlet	[mm]		
Mounting flange for frame	[mm]	200 x 200 / 4x M6	
Height	[mm]	905	1095
Width	[mm]	445	510
Depth	[mm]	590	620
Weight	[kg]	38	52

* The max. compressed air consumption increases by 0.5 to 4 Nm³/h, depending on the appliance size, in boost mode and briefly at drying start.

** Bins with volumes of 120 and 170 liters are equipped with a service door as standard; it is available as an option for 44 and 77 liters.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



FD120

FD170

FD220

Q10011	Q10012	Q10038
120	170	220
1N~230 / 50..60		3N~400 / 50..60
3600	3600	8000
3.0 to 9.0 *	3.0 to 12.0 *	3.0 to 16.0 *
6 to 10		
20 bis 180 (higher temperatures on request)		
BCØ174 / 4x M6		
Ø50		
105 x 105 / 4x M8		
300 x 300 / 4x M6		
1270	1420	1560
560	610	670
700	750	800
80	89	117

Drying UD series

The UD series use the revolutionary two-circuit technology and allows immense energy savings thanks to the extremely low compressed air consumption.

The common prejudice that compressed air is unprofitable for the drying process with large hopper volumes belongs to the past with this technology.

The appliances are mainly used for drying hygroscopic plastics with medium to high material throughputs. The compact design requires minimum space for installation. Devices with a hopper volume of up to 900 liters may be mounted on a mobile frame. All bigger sizes are equipped with a static frame.

They are equipped with a state-of-the-art control system with color display and touch operation. Automatic energy control depending on the current material throughput, protection from overdrying, weekly timers, drying programs, recording of process data on USB stick and ModbusTCP communication are just some of the many standard features. Interfaces for data exchange with various machines and production systems through OPC UA, TTY, SQL or through web client are optionally available. The control of a Venturi or vacuum loader for up to two materials for filling and emptying is also integrated. Optionally, central loaders with blending and dedusting function and separate vacuum pump can also be connected. Alarms are reported to the operator through a flashing light and a buzzer.

- **No molecular sieve / Maintenance-free**
- **3-year warranty on workmanship and material**
- **Immense energy savings**
- **Absolute process stability with constant drying performance for life time**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



UD260

Article no.		Q10013	
Hopper volume	[liter]	260	
Supply voltage	[V / Hz]		
Installed power	[kW]	8.0	
Compressed air consumption	[Nm³/h]	6 to 17 *	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]	BCØ255 / 4x M6	
Material outlet	[mm]		
Mounting flange at material outlet	[mm]		
Height with static (mobile) frame **	[mm]	2080 (2240)	
Width with static (mobile) frame	[mm]	910 (910)	
Depth with static (mobile) frame	[mm]	930 (930)	
Weight	[kg]	160	

* The max. compressed air consumption increases by 3 to 6 Nm³/h, depending on the appliance size, in boost mode and briefly at drying start.

** Height to the top edge of the drying hopper.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



UD360

UD500

Q10014	Q10015
360	500
3N 400 / 50 (other operating voltages on request)	
8.0	9.5
6 to 26 *	7 to 32 *
6 to 10	
20 bis 180 (higher temperatures on request)	
BCØ337 / 4x M6	
Ø80	
200 x 200 / 4x M8	
2285 (2445)	2500 (2660)
970 (970)	1035 (1035)
995 (995)	1050 (1050)
230	280

Drying UD series

The circular drying hopper is made of stainless steel and features a generously dimensioned door with a sight glass, which allows the material fill level to be viewed at all times and eases the access to the inside.

The dry air is fed along the circumference at the very bottom. This eliminates the need for the usual air inlet pipes, which facilitates the cleaning process when changing materials.

- **No molecular sieve / Maintenance-free**
- **3-year warranty on workmanship and material**
- **Immense energy savings**
- **Absolute process stability with constant drying performance for life time**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



UD700

Article no.		Q10016	
Hopper volume	[liter]	700	
Supply voltage	[V / Hz]		
Installed power	[kW]	13.5	
Compressed air consumption	[Nm³/h]	7 to 46 *	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]		Ø80
Mounting flange at material outlet	[mm]		
Height with static (mobile) frame **	[mm]	2800 (2960)	
Width with static (mobile) frame	[mm]	1200 (1200)	
Depth with static (mobile) frame	[mm]	1230 (1230)	
Weight	[kg]	350	

* The max. compressed air consumption increases by 3 to 6 Nm³/h, depending on the appliance size, in boost mode and briefly at drying start.

** Height to the top edge of the drying hopper.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



UD900

UD1300

UD1700

Q10017	Q10018	Q10019
900	1300	1700
3N 400 / 50 (other operating voltages on request)		
16.5	24.0	31.0
9 to 55 *	11 to 82 *	13 to 114 *
6 to 10		
20 bis 180 (higher temperatures on request)		
BCØ337 / 4x M6		
		Ø110
200 x 200 / 4x M8		
3005 (3165)	3395 (--)	3665 (--)
1265 (1265)	1105 (--)	1105 (--)
1300 (1300)	1300 (--)	1350 (--)
400	460	520

Drying HD series

The HD series use the revolutionary two-circuit technology and allows immense energy savings thanks to the extremely low compressed air consumption. The common prejudice that compressed air is unprofitable for the drying process with large hopper volumes belongs to the past with this technology.

The appliances are mainly used for drying hygroscopic plastics with very high material throughputs. The compact design requires minimum space for installation. All sizes are equipped with a static frame.

Operation, integrated functions and communication options are identical to those of the UD series dryers.

- **No molecular sieve / Maintenance-free**
- **3-year warranty on workmanship and material**
- **Immense energy savings**
- **Absolute process stability with constant drying performance for life time**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



HD2200

Article no.		Q10043	
Hopper volume	[liter]	2200	
Supply voltage	[V / Hz]		
Installed power	[kW]	38	
Compressed air consumption	[Nm³/h]	50 to 155 *	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]		
Mounting flange at material outlet	[mm]		
Height with static frame **	[mm]	3950	
Width with static frame	[mm]	1200	
Depth with static frame	[mm]	1465	
Weight	[kg]	620	

* The max. compressed air consumption increases by 5 to 10 Nm³/h, depending on the appliance size, in boost mode and briefly at drying start.

** Height to the top edge of the drying hopper.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



HD2700



HD3200

Q10044	Q10045
2700	3200
3N 400 / 50 (other operating voltages on request)	
47	55
60 to 190 *	65 to 220 *
6 to 10	
20 bis 180 (higher temperatures on request)	
BCØ337 / 4x M6	
Ø150	
280 x 280 / 4x M8	
3975	4175
1275	1340
1495	1560
730	840

Drying HD series

The circular drying hopper is made of stainless steel and features a generously dimensioned door with a sight glass, which allows the material fill level to be viewed at all times and eases the access to the inside.

The dry air is fed along the circumference at the very bottom. This eliminates the need for the usual air inlet pipes, which facilitates the cleaning process when changing materials.

- **No molecular sieve / Maintenance-free**
- **3-year warranty on workmanship and material**
- **Immense energy savings**
- **Absolute process stability with constant drying performance for life time**
- **Intuitive and self-explanatory operation**
- **Simple installation and commissioning**



HD3700

Article no.		Q10046	
Hopper volume	[liter]	3700	
Supply voltage	[V / Hz]		
Installed power	[kW]	64	
Compressed air consumption	[Nm³/h]	70 to 250 *	
Compressed air supply	[bar]		
Drying temperature	[°C]		
Mounting flange for loader	[mm]		
Material outlet	[mm]	Ø150	
Mounting flange at material outlet	[mm]		
Height with static frame **	[mm]	4370	
Width with static frame	[mm]	1400	
Depth with static frame	[mm]	1620	
Weight	[kg]	950	

* The max. compressed air consumption increases by 5 to 10 Nm³/h, depending on the appliance size, in boost mode and briefly at drying start.

** Height to the top edge of the drying hopper.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



HD4200



HD4700

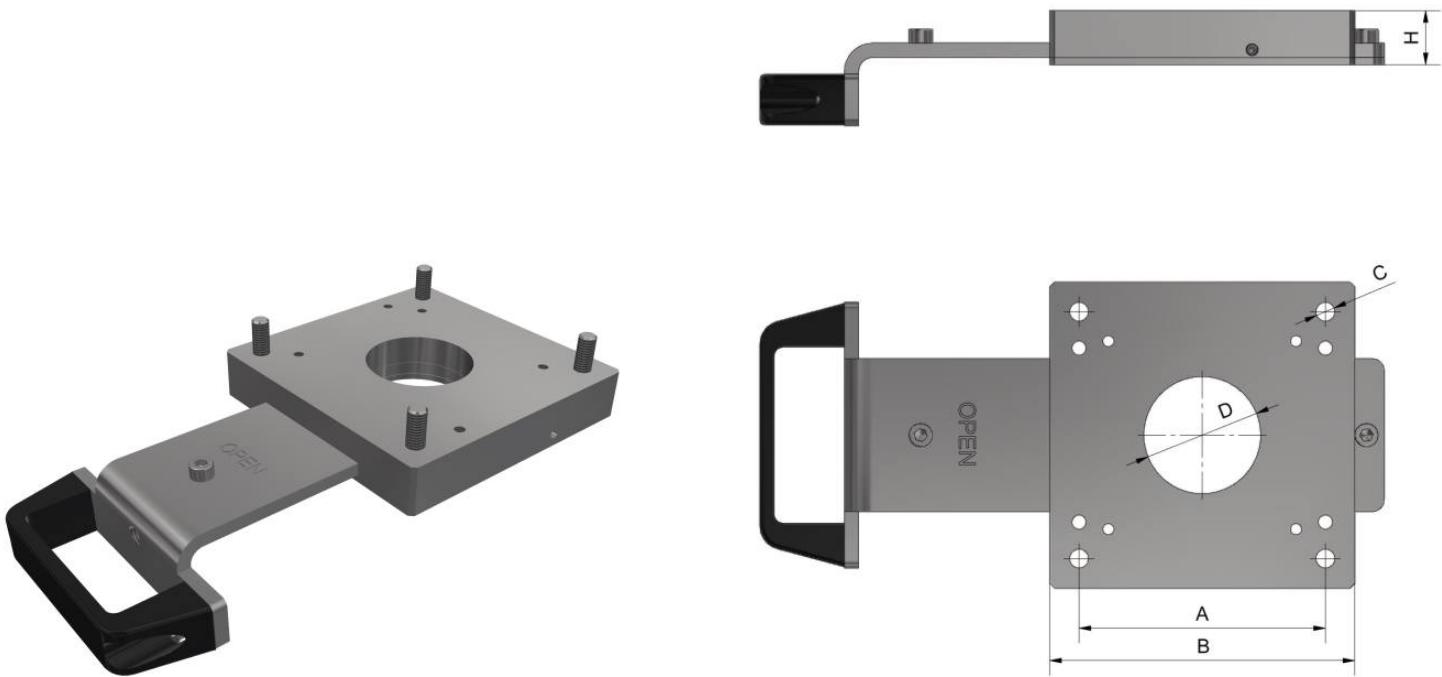
Q10049	Q10050
4200	4700
3N 400 / 50 (other operating voltages on request)	
72	81
80 to 290 *	90 to 330 *
6 to 10	
20 bis 180 (higher temperatures on request)	
BCØ337 / 4x M6	
Ø180	
280 x 280 / 4x M8	
4520	4685
1450	1470
1670	2050
1060	1170

Drying accessories

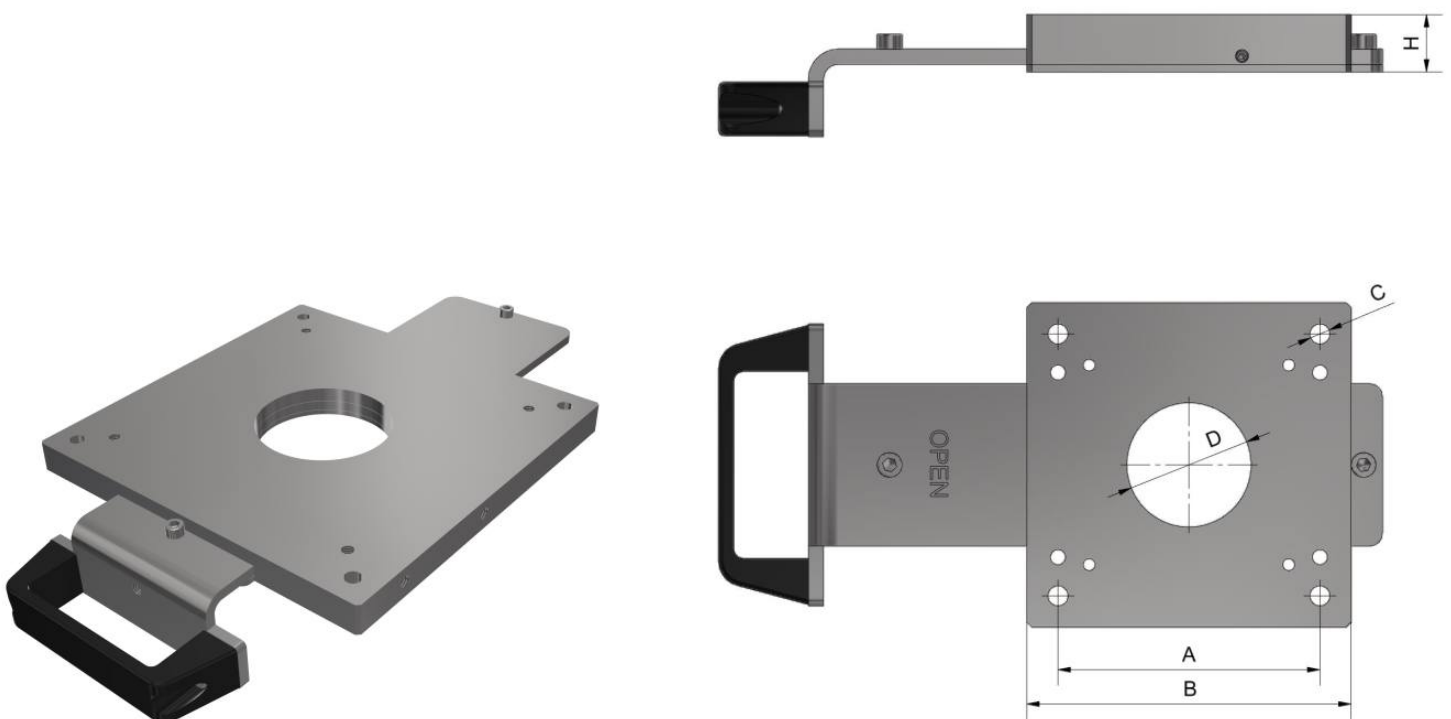
Shut-off slider (BD/FD/JD)

Shut-off sliders are used to release or block the material flow out of various devices. The included slide is to operate manually as standard. Pneumatically operated systems are available as an option. The control is performed by a dryer in this case.

- Large handle for easy operation
- Locking function for open/closed slide position
- Made of galvanized steel



Shut-off slider (BD/FD/JD)				
Article no.		Q20010	Q20009	Q20007
Height H	[mm]	12	23	18
Width B	[mm]	120 x 100	□130	□230
Hole pattern mounting flange A	[mm]	□80	□105	□200
Mounting holes C	[mm]	Ø7	Ø9	Ø9
Material outlet D	[mm]	Ø40	Ø50	Ø80
Weight	[kg]	2.0	3.0	7.5
Suitable for		CD/TD2.5-11	BD/ID/FD11-220	UD260-900
Drawing no.		300700	300376	300107



Shut-off slider (UD/HD)

Article no.		Q20008	Q20083	Q20191
Height H	[mm]	18	18	18
Width B	[mm]	□230	□310	□310
Hole pattern mounting flange A	[mm]	□200	□280	□280
Mounting holes C	[mm]	Ø9	Ø9	Ø9
Material outlet D	[mm]	Ø110	Ø150	Ø180
Weight	[kg]	9.0	13.0	15.0
Suitable for		UD1300-1700	HD2200-3700	HD4200-4700
Drawing no.		300132	302494	302598

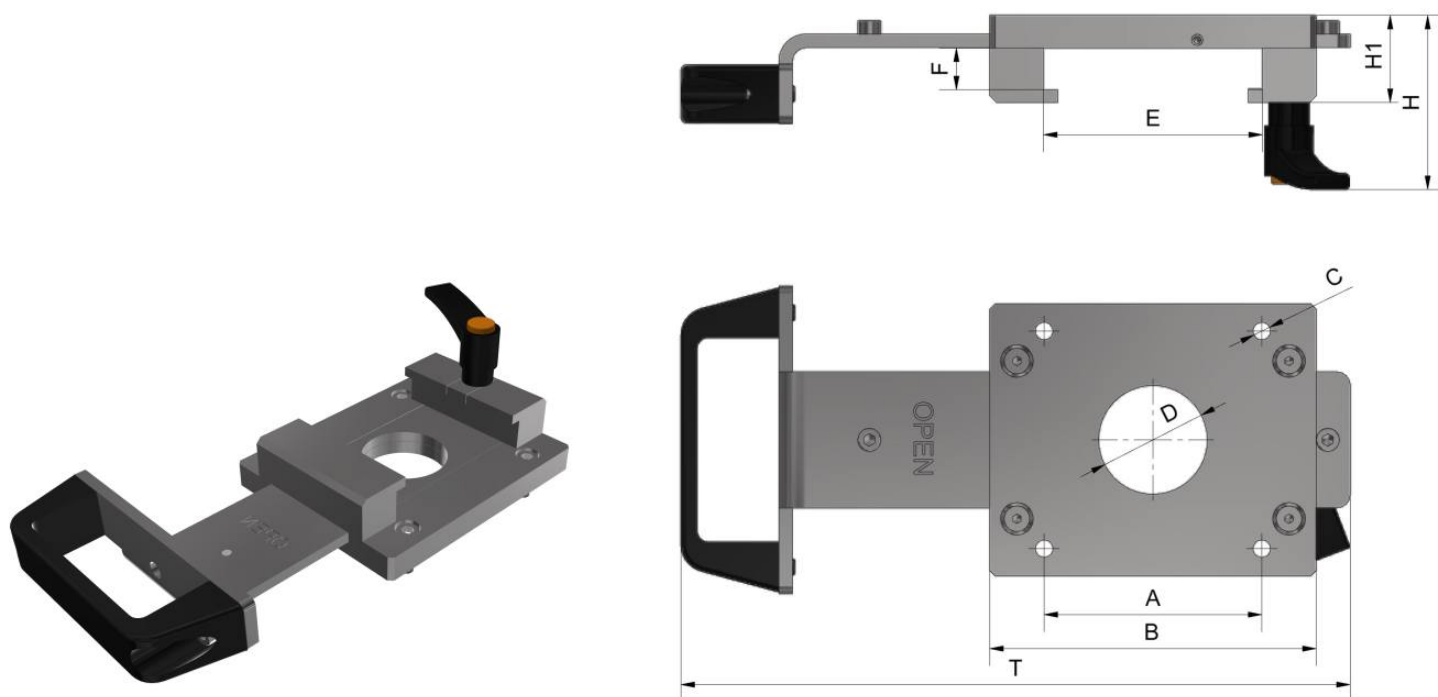
Drying accessories

Claw flange (CD/TD)

Claw flanges are required to place the dryer directly upon the production machine. They need to be installed directly on a mounting rail which cross-section determines the dimensions of the flange.

The dryer can then be moved along this rail, for example to discharge material that is no longer required. A clamping lever on the claw flange allows the dryer to be fixed in any desired position on the rail.

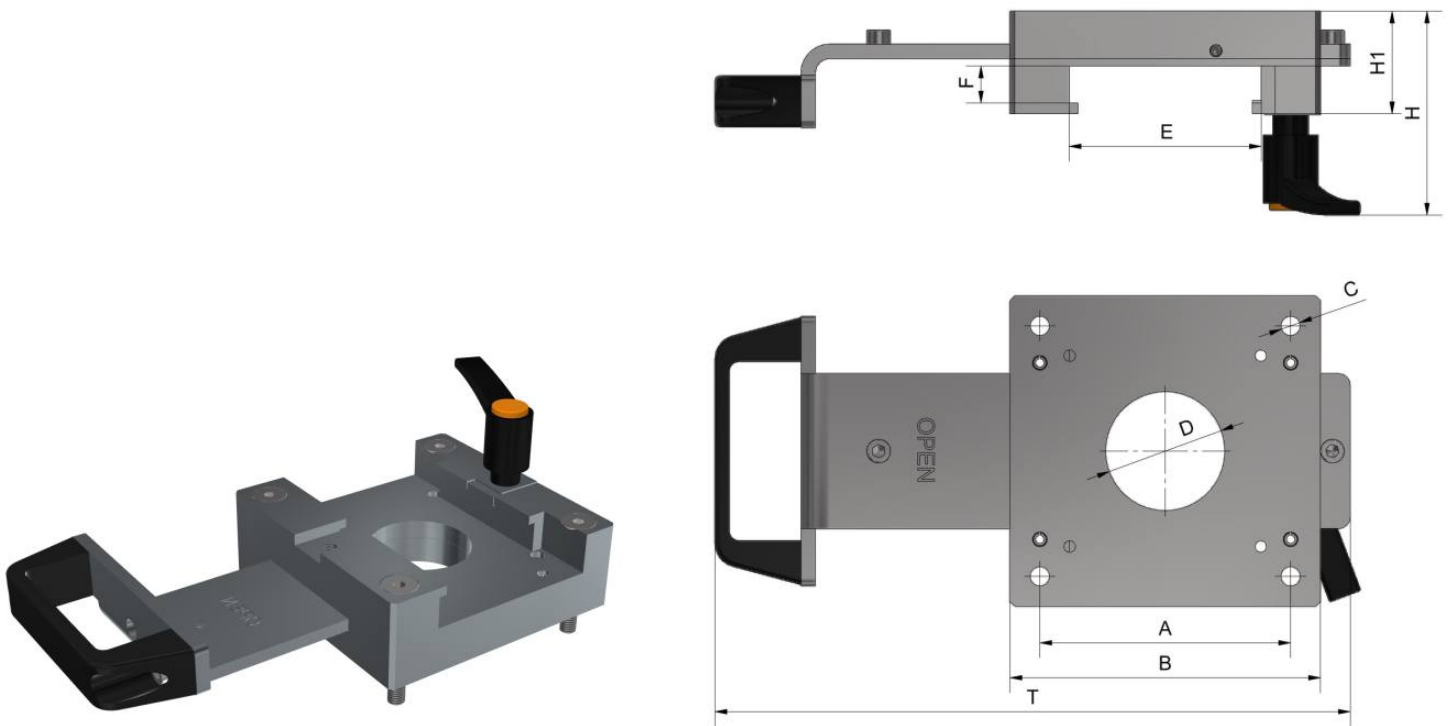
- Large handle for easy operation
- Locking function for open/closed slider position
- Clamping lever for fixing on mounting rail
- Made of galvanized steel



Claw flange (CD/TD)

Article no.		Q20016	Q20014	Q20015
Height H / H1	[mm]	59 / 27	64 / 32	69 / 37
Dimension of flange plate B	[mm]	120 x 100	120 x 100	120 x 100
Depth T	[mm]	246	246	246
Hole pattern mounting flange A	[mm]	□80	□80	□80
Mounting holes C	[mm]	Ø6.5	Ø6.5	Ø6.5
Dimensions of sliding ledge E x F	[mm]	70 / 10	80 x 15	80 x 20
Material outlet D	[mm]	Ø40	Ø40	Ø40
Weight	[kg]	1.8	2.0	2.5
Suitable for injection molding machine *		Miscellaneous	Arburg	Engel
Drawing no.		300712	300704	300708

* Standard slide bar dimensions may vary depending on the machine type.



Claw flange (BD/FD/JD)

Article no.		Q20013	Q20011	Q20012	Q20033
Height H / H1	[mm]	81 / 39	86 / 44	89 x 49	86 x 45
Dimension of flange plate B	[mm]	□130	□130	□130	□130
Depth T	[mm]	266	266	266	266
Hole pattern mounting flange A	[mm]	□105	□105	□105	□105
Mounting holes C	[mm]	Ø8.5	Ø8.5	Ø8.5	Ø8.5
Dimensions of sliding ledge E x F	[mm]	70 x 10	80 x 15	80 x 20	80 x 20 45°
Material outlet D	[mm]	Ø50	Ø50	Ø50	Ø50
Weight	[kg]	3.8	4.0	4.5	4.3
Suitable for injection molding machine *		Miscellaneous	Arburg	Engel	Krauss Maffei
Drawing no.		300721	300364	300716	300667

* Standard slide bar dimensions may vary depending on the machine type.

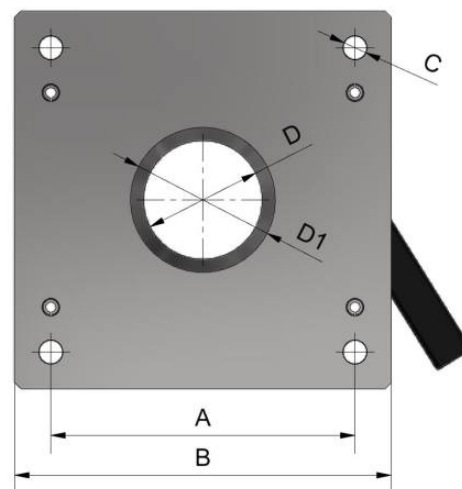
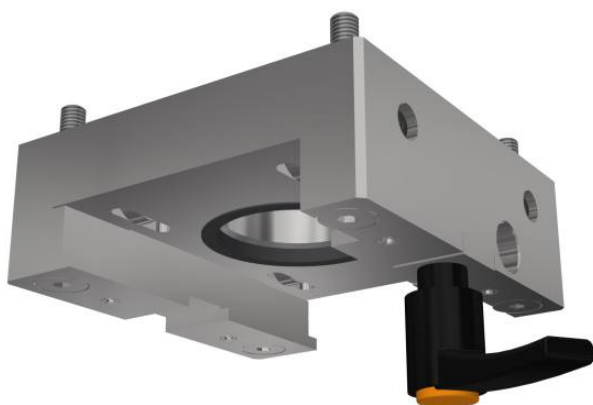
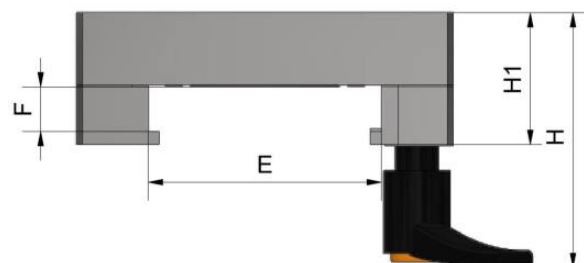
Heavy-duty claw flange (BD/FD/JD)

Heavy-duty claw flanges are used for installations upon the production machine where increased loads are expected. They are placed directly on a mounting rail which cross-section determines the dimensions of the flange.

The integrated rollers make it easier to move the flange inclusive dryer along the sliding rail to drain material, for example, that is no longer required. A clamping lever on the claw flange allows the dryer to be fixed in any desired position on the rail.

Heavy-duty claw flanges do not have a shut-off valve. If required, this must be ordered separately (Q20009).

- Integrated rollers make it easy to move
- Made of galvanized steel
- Clamping lever for fixing to mounting rail



Heavy-duty claw flange (BD/FD/JD)

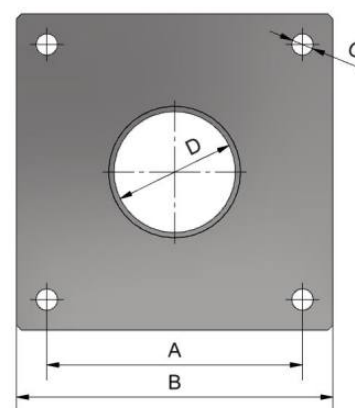
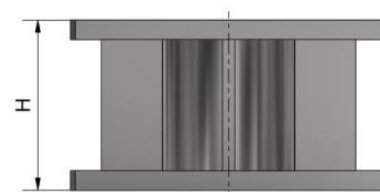
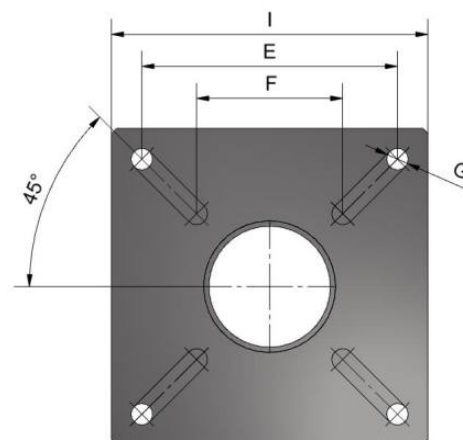
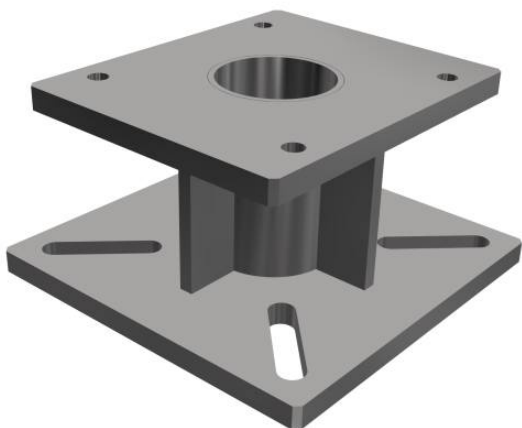
Article no.		Q20308	Q20307	Q20407
Height H / H1	[mm]	83 / 41	88 / 46	88 / 46
Dimension of flange plate B	[mm]	□130	□130	□130
Hole pattern mounting flange A	[mm]	□105	□105	□105
Mounting holes C	[mm]	Ø8.5	Ø8.5	Ø8.5
Dimensions of sliding ledge E x F	[mm]	70 x 10	80 x 15	80 x 20 45°
Material outlet D	[mm]	Ø41	Ø41	Ø41
Material outlet D1	[mm]	Ø50	Ø50	Ø50
Weight	[kg]	3.9	4.0	4.1
Suitable for injection molding machine *		Miscellaneous	Arburg	Krauss Maffei
Drawing no.		302499	301935	302277

* Standard slide bar dimensions may vary depending on the machine type.

Distance adapter (CD/TD & BD/FD/JD)

Distance adapters are mainly required when installing drying or conveying equipment on the production machine. They allow to position the devices on a higher level if the required space is obstructed by other components.

- Suitable for many machines due to universal hole pattern
- Various heights available
- Made of stainless steel



Distance adapter (CD/TD & BD/FD/JD)

Article no.		Q20140	Q20141	Q20061	Q20062
Height H	[mm]	70	140	70	140
Dimension dryer flange plate B	[mm]	120 x 100	120 x 100	□130	□130
Hole pattern mounting flange A	[mm]	□80	□80	□105	□105
Mounting holes C	[mm]	Ø7	Ø7	Ø9	Ø9
Material outlet D	[mm]	Ø40	Ø40	Ø50	Ø50
Flange plate of machine I	[mm]	□130	□130	□130	□130
Flange plate of machine E / F	[mm]	□105 bis □60	□105 bis □60	□105 bis □60	□105 bis □60
Flange plate o machine G	[mm]	Ø9	Ø9	Ø9	Ø9
Weight	[kg]	1.8	2.1	2.0	2.3
Suitable for		CD/TD	CD/TD	BD/FD/JD	BD/FD/JD
Drawing no.		301242	301242	300694	300694

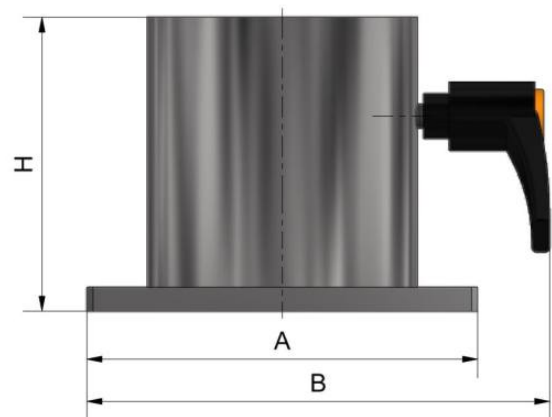
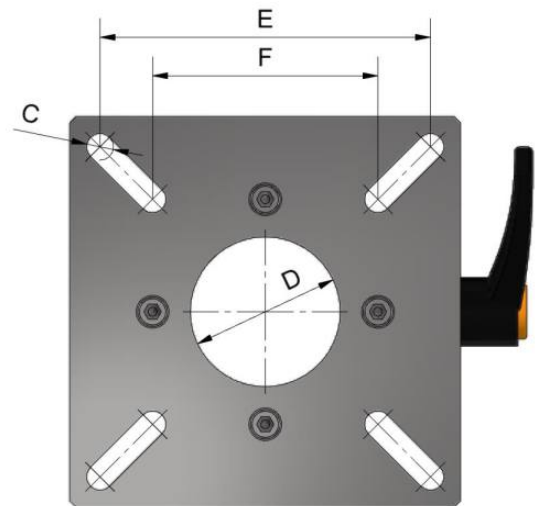
Drying accessories

Quick-change adapter (CD/TD & BD/FD/JD)

Quick-change adapters allow the dryer to be moved quickly from one location to another. They are preferably used where pre-drying of plastics is required so that they can be processed without any loss of time.

The male part must be installed on the base plate of the dryer. The female counterpart must be mounted on the corresponding machine.

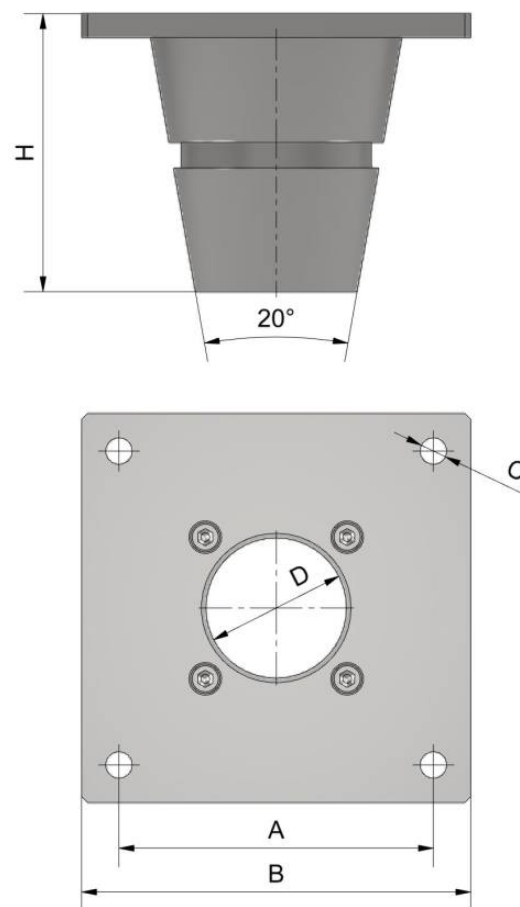
- Suitable for many machines due to universal hole pattern
- Offers any orientation of the dryer
- Clamping lever to secure the appliance
- Enables quick repositioning of the dryer
- Made of galvanized steel



Quick-change adapter - female (CD/TD & BD/FD/JD)

Article no.		Q20186	Q20042
Height H	[mm]	91	98
Width B	[mm]	□120	□154
Mounting flange A	[mm]	□100	□130
Mounting flange E / F	[mm]	□85 bis □65	□110 bis □75
Mounting holes C	[mm]	Ø7	Ø9
Material outlet D	[mm]	Ø40	Ø50
Weight	[kg]	1.7	2.9
Suitable for		CD/TD	BD/FD/JD
Drawing no.		302222	302229

Quick-change adapter (CD/TD & BD/FD/JD)



Quick-change adapter - male (CD/TD & BD/FD/JD)

Article no.		Q20185	Q20041
Height H	[mm]	86	93
Width B	[mm]	120 x 100	□130
Mounting flange hole pattern A	[mm]	□80	□105
Mounting holes C	[mm]	Ø7	Ø9
Material outlet D	[mm]	Ø40	Ø50
Weight	[kg]	1.5	2.2
Suitable for		CD/TD	BD/FD/JD
Drawing no.		302219	302226

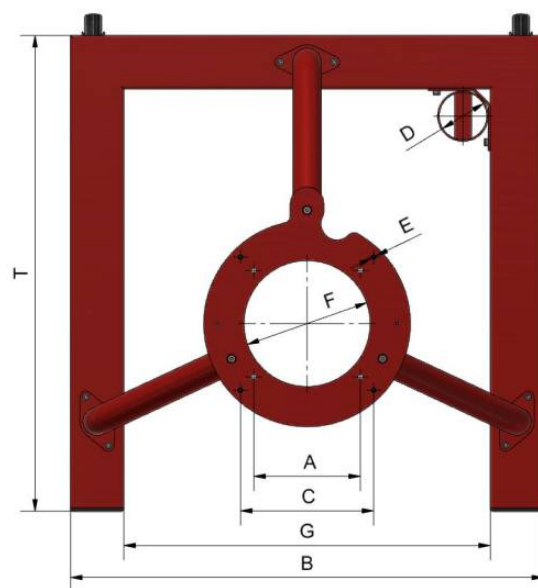
Drying accessories

Frame (BD/FD/JD)

Frames are required when the dryer is installed next to a production machine. They are supplied with pre-assembled, lockable castors. To facilitate the installation, they are delivered with a locking pin that helps the dryer to site precisely on the mounting ring.

The frames are made of steel and powder-coated in color. Special dimensions and colors are available on request.

- Castors with stop function
- Including suction pipe holder (max. Ø72mm)
- Locking pin to ease assembly
- Generous space for material container below the dryer
- Made of steel, powder-coated



Frame (BD/FD/JD)

Article no.		Q20000 *	Q20001
Height H	[mm]	634	634
Width B	[mm]	710	800
Depth T	[mm]	715	805
Mounting flange A / C	[mm]	□160 / □200	□200 / □300
Mounting flange F	[mm]	Ø190	Ø260
Mounting hole E	[mm]	Ø8	Ø8
Inner width G	[mm]	550	640
Suction pipe holder D	[mm]	Ø72	Ø72
Weight	[kg]	16.0	20.0
Suitable for		BD/JD/FD11-77	BD/JD/FD120-170 / FD220
Drawing no.		300579	300736

* also for CD/TD series through adapter (Q20049).

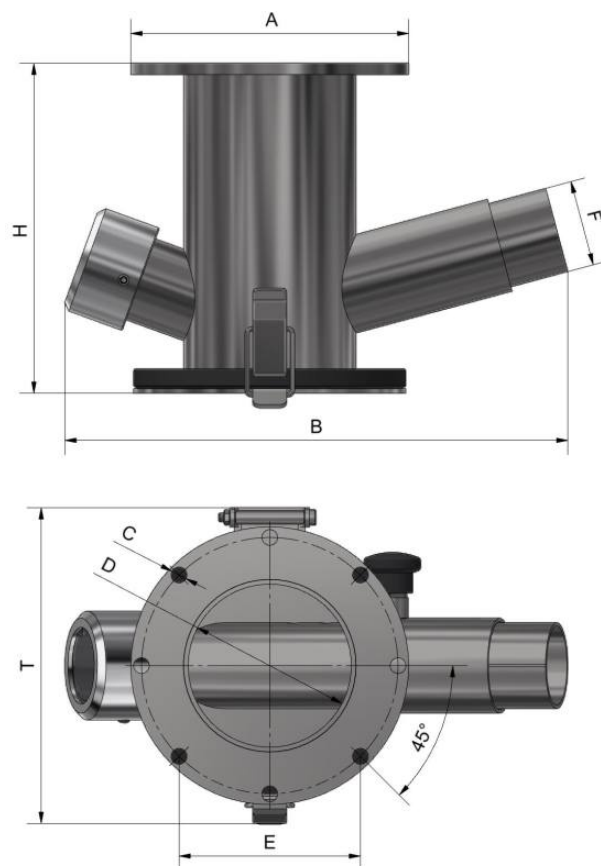
Suction box & extension (BD/FD/JD)

Suction boxes are mounted on the base plate of dryers or material containers. They serve as a collection point for plastic granules to transport them through appropriate conveyor systems for further processing.

Up to three extensions can be installed underneath the dryer when using a standard frame.

The suction boxes shown here are preferably used with the BD, FD and JD dryer series as well as with the smaller material containers of the SC series.

- **Hinged base cover for quick emptying and easy cleaning**
- **Locking bolt prevents the suction pipe from falling out and allows different positioning**
- **Suction of conveying air through easy-to-clean metal filter**
- **Made of stainless steel**



Suction box & extension (BD/FD/JD)

Article no.		Q20017	Q20035
Height H	[mm]	146	140
Width B	[mm]	225	225
Depth T	[mm]	139	123
Mounting flange A	[mm]	Ø123	Ø123
Hole pattern mounting flange E	[mm]	□80	□80
Inner diameter D	[mm]	Ø72	Ø72
Mounting holes C	[mm]	Ø7	Ø7
Suction pipe F	[kg]	Ø38	Ø38
Weight	[kg]	2.0	1.8
Suitable for		BD/JD/FD11-220	BD/JD/FD11-220
Drawing no.		300370	300374

Drying accessories

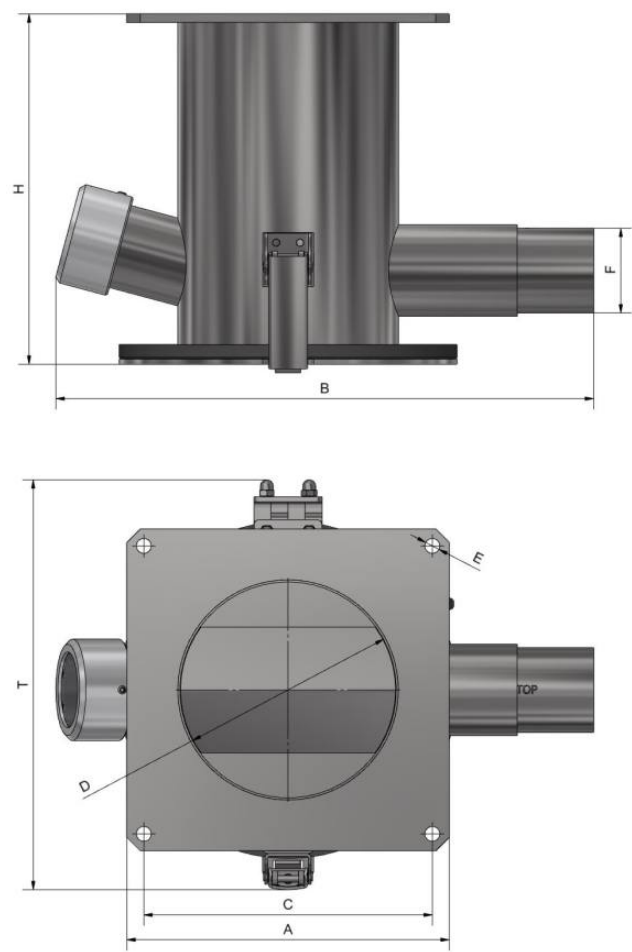
Suction box (UD/HD)

Suction boxes are mounted on the base plate of dryers or material containers. They serve as a collection point for plastic granules to transport them through appropriate conveyor systems for further processing.

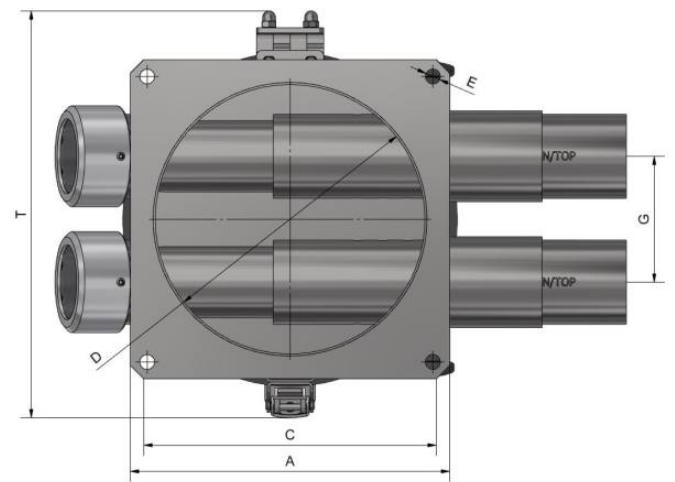
Several material outlets are possible. Special designs are available on request.

The suction boxes shown here are preferably used with the HD and UD dryer series as well as with the larger material containers of the SC series.

- **Hinged base cover for quick emptying and easy cleaning**
- **Locking bolt prevents the suction pipe from falling out and allows different positioning**
- **Suction of conveying air through easy-to-clean metal filter**
- **Made of stainless steel**



Suction box (UD/HD)			
Article no.		Q20018	Q20020
Height H	[mm]	207	207
Width B	[mm]	317	317
Depth T	[mm]	242	207
Mounting flange A	[mm]	□190	□190
Hole pattern mounting flange C	[mm]	□170	□170
Inner diameter D	[mm]	Ø127	Ø160
Mounting holes E	[mm]	Ø9	Ø9
Suction pipe F	[mm]	Ø38	2x Ø38
Center G	[mm]	-	75
Weight	[kg]	4.0	4.5
Suitable		UD260-1700	UD260-1700 / HD2200-3700
Drawing no.		300117	300213



Suction box (UD/HD)

Article no.		Q20019	Q20021
Height H	[Liter]	207	207
Width B	[mm]	317	317
Depth T	[mm]	207	207
Mounting flange A	[mm]	□190	□190
Hole pattern mounting flange C	[mm]	□170	□170
Inner diameter D	[mm]	Ø127	Ø160
Mounting holes E	[mm]	Ø9	Ø9
Suction pipe F	[mm]	Ø50	2x Ø50
Center G	[mm]	-	75
Weight	[kg]	4.0	4.5
Suitable		UD260-1700	UD260-1700 / HD2200-3700
Drawing no.		300208	300216

Material handling

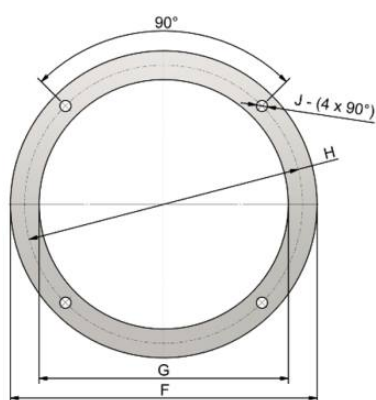
VL series (Venturi conveyor)

Venturi loaders of the VL series are preferably used for filling dryers from qip with plastic granules. They operate with compressed air and are suitable for transporting small to medium quantities of material over short distances. The devices can only be operated in combination with a dryer and therefore do not have their own control unit.

The conveyors are made of high-quality stainless-steel parts with a robust, heat-resistant glass insert and allow the material fill level to be checked visually at all times.

As an option, the devices can be equipped with an automatic filter cleaning function as well as for transporting two materials. The fill level is monitored by an external sensor, which means that even high-temperature materials can be handled when using heat-resistant hoses.

- **3-year warranty on workmanship and material**
- **Controlled through dryer**
- **Simple installation and commissioning**
- **Easy to clean**



VL0.5

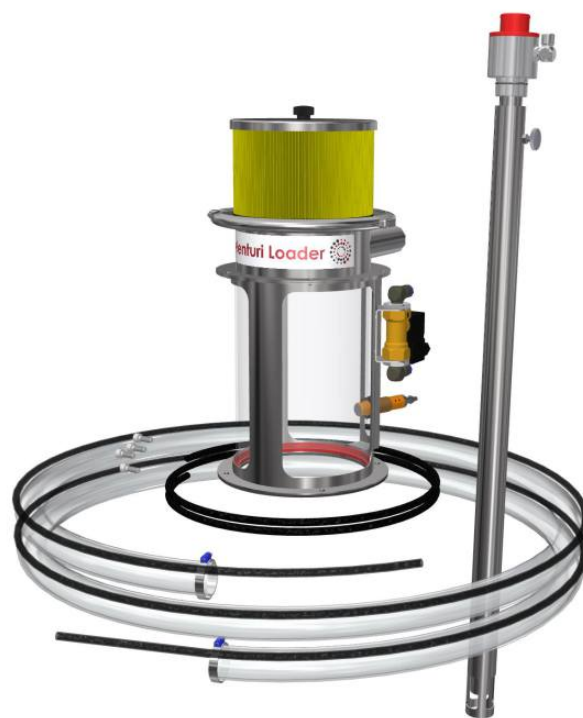
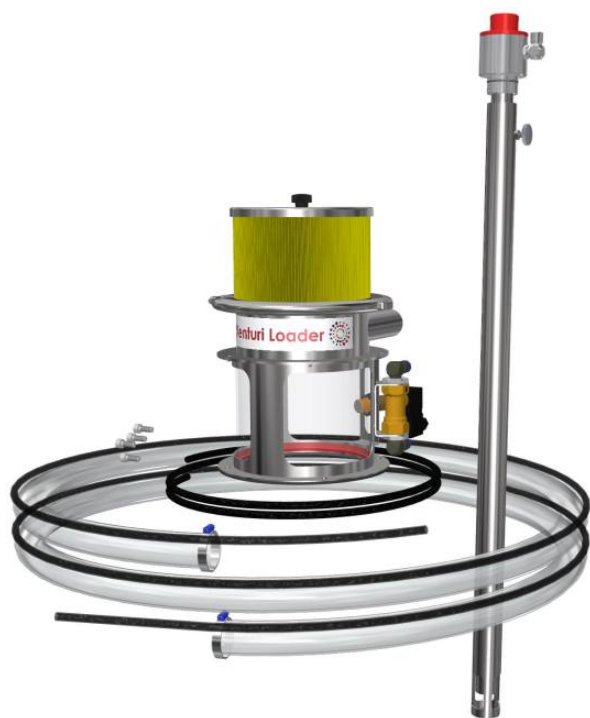
Article no.		Q11024	
Loader volume	[liter]	0.5	
Conveying capacity *	[kg/h]	80	
Maximum power consumption	[W]		
Compressed air consumption	[Nm³/h]		
Compressed air supply	[bar]		
Hose connection for solenoid valve	[mm]		
Control signal voltage	[V DC]		
Maximum temperature of the dried material	[°C]		
Connection for conveying hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø120/ Ø70/ BCØ105/ Ø6	
Height	[mm]	235	
Width	[mm]	200	
Depth	[mm]	192	
Weight	[kg]	7.0	

* Conveying capacity at 7bar compressed air supply, 3m distance, 2.5m height.

** at 30% on-time.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7 bar, residual oil content 0.1 ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



VL1.5

VL3.0

Q11000	Q11021
1.5	3.0
120	120
8	
7.0 **	
6 to 10	
Ø8	
24	
110	
Ø32	
Ø192/ Ø156/ BCØ174/ Ø7	
304	406
266	266
219	219
8.0	9.0

Material handling

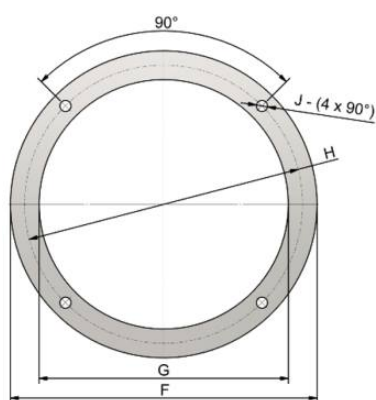
VL-C series (Venturi conveyor)

Venturi loaders of the VL-C series are preferably used for filling dryers or production machines with plastic granules. They operate with compressed air and are suitable for transporting small to medium quantities of material over short distances. The devices are equipped with their own control unit and can therefore be operated autonomously.

The conveyors are made of high-quality stainless-steel parts with a robust, heat-resistant glass insert and allow the material fill level to be visually monitored at all times.

As an option, the appliances can be equipped with an automatic filter cleaning function as well as for transporting two materials. The fill level is monitored by an external sensor, which means that materials with high temperatures can also be handled when using heat-resistant hoses.

- **3-year warranty on workmanship and materials**
- **Autonomous operation with independent control system**
- **Simple installation and commissioning**
- **Easy to clean**



VL0.5-C

Article no.		Q11025	
Loader volume	[liter]	0.5	
Conveying capacity *	[kg/h]	80	
Power consumption / operating voltage	[W / V Hz]		
Compressed air consumption	[Nm³/h]		
Compressed air supply	[bar]		
Hose connection for solenoid valve	[mm]		
Control signal voltage	[V DC]		
Maximum temperature of the dried material	[°C]		
Connection for conveying hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø120/ Ø70/ BCØ105/ Ø6	
Height	[mm]	235	
Width	[mm]	200	
Depth	[mm]	273	
Weight	[kg]	7.5	

* Conveying capacity at 7bar compressed air supply, 3m distance, 2.5m height.

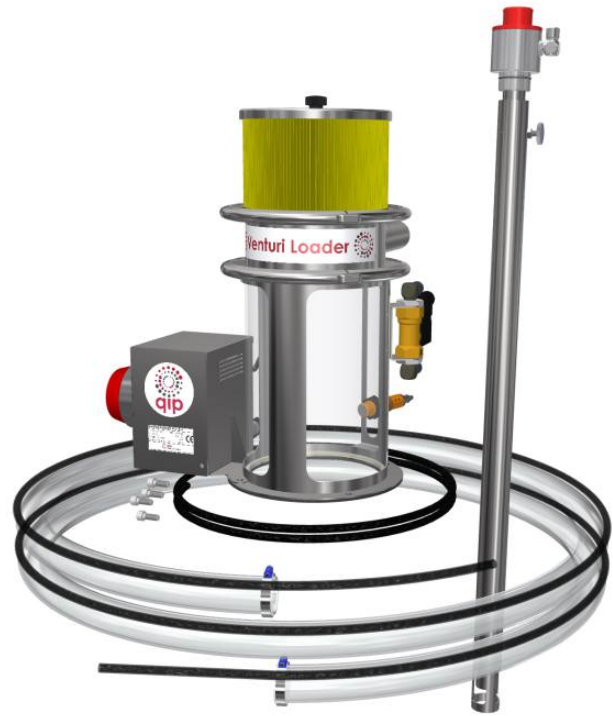
** at 30% on-time.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7 bar, residual oil content 0.1 ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



VL1.5-C



VL3.0-C

Q11031	Q11162
1.5	3.0
120	120
8 / 1N230 50	
7.0 **	
6 to 10	
Ø8	
24	
110	
Ø32	
Ø192/ Ø156/ BCØ174/ Ø7	
304	406
266	266
347	347
8.5	9.5

Material handling

VU series (Venturi conveyor)

Venturi unloaders of the VU series are preferably used to transport dried plastic granules out of qip dryers. They operate with compressed air and are suitable for transporting small to medium quantities of material over short distances. The devices can only be operated in combination with a dryer and therefore do not have their own control unit.

The conveyors are made of high-quality stainless-steel parts with a robust, heat-resistant glass insert and allow the material fill level to be checked visually at all times.

As an option, the devices can be equipped with an automatic filter cleaning function as well as for transporting two materials. The fill level is monitored by an external sensor, which means that materials with temperatures exceeding 110°C can also be handled when using heat-resistant hoses.

- **3-year warranty on workmanship and material**
- **Controlled through dryer**
- **Underbody funnel with universal hole pattern suitable for mounting directly on machine infeed**
- **Simple installation and commissioning**
- **Easy to clean**



VU0.5

Article no.		Q11026	
Loader volume	[liter]	0.5	
Conveying capacity *	[kg/h]	80	
Maximum power consumption	[W]		
Compressed air consumption	[Nm³/h]		
Compressed air supply	[bar]		
Hose connection for solenoid valve	[mm]		
Control signal voltage	[V DC]		
Maximum temperature of the dried material	[°C]		
Connection for conveying hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]		
Height with underbody funnel	[mm]	285	
Width	[mm]	200	
Depth	[mm]	192	
Weight	[kg]	7.5	

* Conveying capacity at 7bar compressed air supply, 3m distance, 2.5m height.

** at 30% on-time.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7 bar, residual oil content 0.1 ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



VU1.5

VU3.0

Q11001	Q11022
1.5	3.0
120	120
8	
7.0 **	
6 to 10	
Ø8	
24	
110	
Ø32	
see underbody funnel / material funnel	
420	521
266	266
219	219
8.5	9.5

Material handling

VU-C series (Venturi conveyor)

Venturi unloaders of the VU-C series are preferably used to transport dried or undried plastic granules to the production machine. They operate with compressed air and are suitable for conveying small to medium quantities of material over short distances. The devices are equipped with their own control unit and can therefore be operated autonomously.

The conveyors are made of high-quality stainless-steel parts with a robust, heat-resistant glass insert and allow the material fill level to be checked visually at all times.

As an option, the appliances can be equipped with an automatic filter cleaning function as well as for transporting two materials. The fill level is monitored by an external sensor, which means that materials with temperatures exceeding 110°C can also be handled when using heat-resistant hoses.

- **3-year warranty on workmanship and materials**
- **Autonomous operation with independent control system**
- **Underbody funnel with universal hole pattern suitable for mounting directly on machine infeed**
- **Simple installation and commissioning**
- **Easy to clean**



VU0.5-C

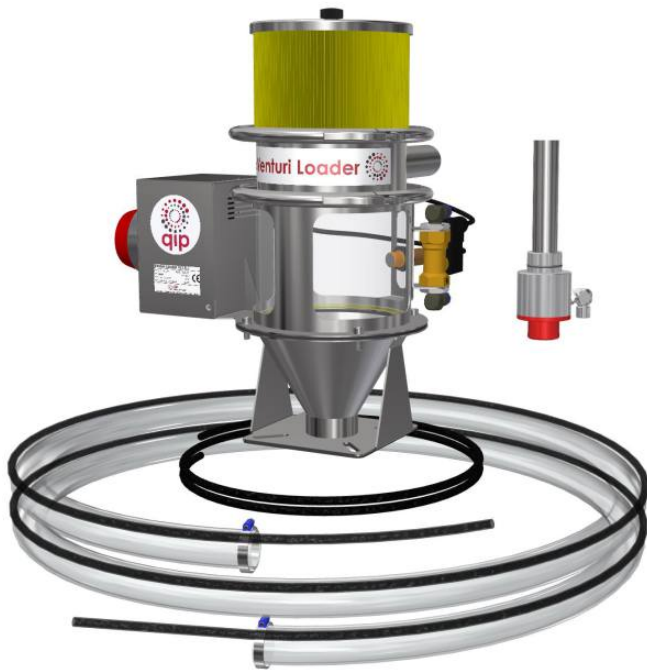
Article no.		Q11084	
Loader volume	[liter]	0.5	
Conveying capacity *	[kg/h]	80	
Power consumption / operating voltage	[W / V Hz]		
Compressed air consumption	[Nm³/h]		
Compressed air supply	[bar]		
Hose connection for solenoid valve	[mm]		
Control signal voltage	[V DC]		
Maximum temperature of the dried material	[°C]		
Connection for conveying hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]		
Height with underbody funnel	[mm]	285	
Width	[mm]	200	
Depth	[mm]	273	
Weight	[kg]	8.0	

* Conveying capacity at 7bar compressed air supply, 3m distance, 2.5m height.

** at 30% on-time.

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7 bar, residual oil content 0.1 ppm).

Subject to technical changes without prior notice (V1.01 / 02-2024).



VU1.5-C



VU3.0-C

Q11004	Q11028
1.5	3.0
120	120
8 / 1N230 50	
7.0 **	
6 to 10	
Ø8	
24	
110	
Ø32	
see underbody funnel / material funnel	
420	521
266	266
347	347
9.0	10.0

Material handling

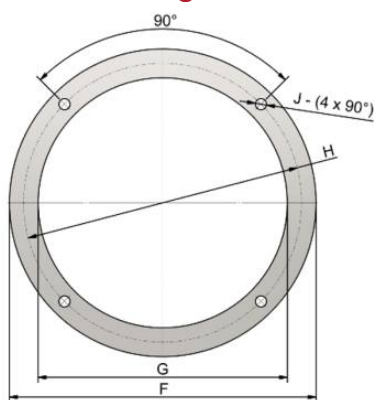
HL series (vacuum conveyor)

Vacuum loaders of the HL series are preferably used for filling dryers from qip with plastic granules and to transport the material, dried to a maximum temperature of 110°C, to the production machine. The vacuum required for transportation is generated by a motor. A small amount of compressed air is required for automatic filter cleaning, which purges the integrated dust filter after each conveying cycle.

The HL series is used for small to medium material throughputs over short distances. The devices can only be operated in combination with a dryer and therefore do not have their own control unit.

The conveyors are made of high-quality stainless-steel parts. Certain sizes are equipped with a glass insert, which allows the material level to be monitored visually at any time.

- **Compact design**
- **Automatic filter cleaning included**
- **Controlled through dryer**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy to clean due to hinged lid**



		HL3	HL4	HL6	
Article no.		Q11055	Q11056	Q11057	
Loader volume	[liter]	3	4	6	
Conveying capacity **	[kg/h]	80	100	120	
Power supply (external or from dryer)	[V / Hz]				
Maximum power consumption	[W]				
Compressed air supply for filter cleaning	[bar]				
Hose connection for filter cleaning	[mm]				
Control signal voltage	[V DC]				
Maximum temperature of the dried material	[°C]				
Connection for conveying hose (inside)	[mm]				
Hole pattern of mounting flange F / G/ H / J	[mm]	Ø192/ Ø156/ BCØ174/ Ø7			
Height	[mm]	520	575	695	
Width	[mm]	250	250	250	
Depth	[mm]	280	280	280	
Weight	[kg]	8.0	8.5	9.5	

* Adaptation for hose diameters 40mm, 45mm, 50mm and 60mm possible.

** at 5m distance and 3m height.



HL8

HL12

HL16

HL22

Q11058

Q11197

Q11198

Q11060

8

12

16

22

140

160

180

200

1N~230 / 50 ... 2~220 / 60

1100

6 to 10

Ø8

24

110

Ø38 *

Ø272/ Ø235/ BCØ255/ Ø7

Ø353/Ø312/BCØ337/Ø7

818

664

789

780

250

302

302

385

280

363

365

445

10.0

11.5

12.0

14.5

Material handling

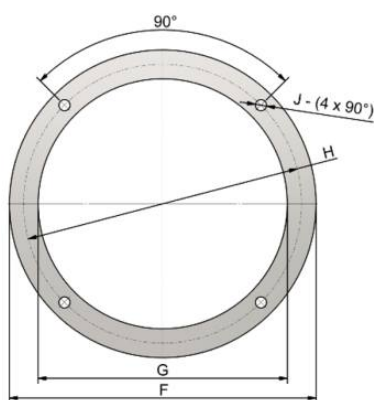
HL-C series (vacuum conveyor)

Vacuum loaders of the HL-C series are preferably used for filling drying hoppers and production machines. The material to be conveyed must not exceed a maximum temperature of 110°C. The vacuum required for transportation is generated by a motor. A small amount of compressed air is required for automatic filter cleaning, which purges the integrated dust filter after each conveying cycle. Versions for transporting two materials are also available.

The HL-C series is used for small to medium material throughputs over short distances. The devices are equipped with their own control unit and can be operated autonomously. Alarms are reported to the user through a flashlight, which is included as standard.

The conveyors are made of high-quality stainless-steel parts. Certain sizes are equipped with a glass insert, which allows the material level to be monitored visually at any time.

- **Compact design**
- **Automatic filter cleaning included**
- **Autonomous operation through separate control**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy cleaning due to hinged lid**



HL3-C

HL4-C

HL6-C

Article no.	Q11194	Q11172	Q11195	
Loader volume [liter]	3	4	6	
Conveying capacity ** [kg/h]	80	100	120	
Power supply [V / Hz]				
Maximum power consumption [W]				
Compressed air supply for filter cleaning [bar]				
Hose connection for filter cleaning [mm]				
Control signal voltage [V DC]				
Maximum temperature of the dried material [°C]				
Connection for conveying hose (inside) [mm]				
Hole pattern of mounting flange F / G/ H / J [mm]	Ø192/ Ø156/ BCØ174/ Ø7			
Height [mm]	520	575	695	
Width [mm]	250	250	250	
Depth [mm]	334	334	334	
Weight [kg]	8.5	9.0	10.0	

* Adaptation for hose diameters 40mm, 45mm, 50mm and 60mm possible.

** at 5m distance and 3m height.



HL8-C

HL12-C

HL16-C

HL22-C

Q11196

Q11199

Q11200

Q11182

8

12

16

22

140

160

180

200

1N~230 / 50 ... 2~220 / 60

1100

6 to 10

Ø8

24

110

Ø38 *

Ø272/ Ø235/ BCØ255/ Ø7

Ø353/Ø312/BCØ337/Ø7

818

664

789

780

250

302

302

385

334

417

419

494

10.5

12.0

12.5

15.0

Material handling

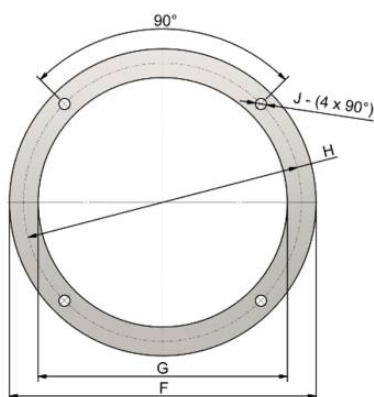
HL-2K series (vacuum conveyor)

Vacuum loaders of the HL-2K series are designed for the transportation of two materials. They are preferably used for filling dryers from a hopper with plastic granules and recycled plastic and for conveying materials, dried at a maximum temperature of 110°C, to the production machine. The vacuum required for transportation is generated by a motor. A small amount of compressed air is required for automatic filter cleaning, which purges the integrated dust filter after each conveying cycle.

The HL series is used for small to medium material throughputs over short distances. The devices can only be operated in combination with a dryer and therefore do not have their own control unit.

The conveyors are made of high-quality stainless-steel parts. Certain sizes are equipped with a glass insert, which allows the material level to be monitored visually at any time.

- **Compact design**
- **Automatic filter cleaning included**
- **Controlled through dryer**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy to clean due to hinged lid**



HL4-2K

HL6-2K

Article no.		Q11174	Q11178	
Loader volume	[liter]	4	6	
Conveying capacity **	[kg/h]	100	120	
Power supply (external or from dryer)	[V / Hz]			
Maximum power consumption	[W]			
Compressed air supply for filter cleaning	[bar]			
Hose connection for filter cleaning	[mm]			
Control signal voltage	[V DC]			
Maximum temperature of the dried material	[°C]			
Connection for conveying hose (inside)	[mm]			
Hole pattern of mounting flange F / G/ H / J	[mm]	Ø192/ Ø156/ BCØ174/ Ø7		
Height	[mm]	575	695	
Width	[mm]	250	250	
Depth	[mm]	280	280	
Weight	[kg]	8.7	9.7	

* Adaptation for hose diameters 40mm, 45mm, 50mm and 60mm possible.

** at 5m distance and 3m height.



HL8-2K

HL12-2K

HL16-2K

HL22-2K

Q11261

Q11262

Q11263

Q11264

8

12

16

22

140

160

180

200

1N~230 / 50 ... 2~220 / 60

1100

6 to 10

Ø8

24

110

Ø38 *

Ø272/ Ø235/ BCØ255/ Ø7

Ø353/ Ø312/BCØ337/ Ø7

818

664

789

780

250

302

302

385

280

363

363

445

10.2

11.7

12.2

14.7

Material handling

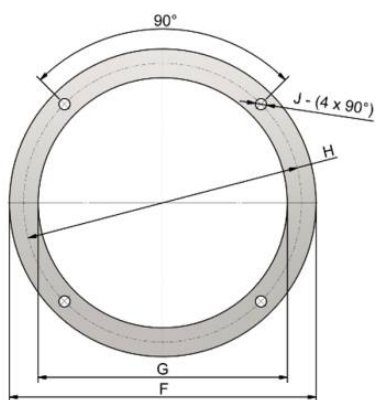
CL series

The CL series are material separators as part of a central material handling system. They are mainly used to transport plastic granules between different locations in the production facility.

Different sizes are available depending on the required material throughput. The material is conveyed through vacuum, which is generated by a pump that is also part of the central system. Dust is collected in a central filter and can be disposed of from there.

The devices are normally controlled through the central system. When used in combination with qip dryers, they can be controlled by them. Lamps on the separators provide information about the operating status and the flap position. A flashing light can be obtained optionally to inform the operator in case of alarms.

- **Compact design**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy to clean due to hinged top section**
- **Service opening to material flap**



		CL3	CL4	
Article no.		Q11005	Q11006	
Loader volume	[liter]	3	4	
Conveying capacity **	[kg/h]	20	26	
Control signal voltage	[V DC]			
Power consumption	[W]			
Compressed air supply	[bar]			
Hose connection for compressed air supply	[mm]			
Connection for vacuum / material hose (inside)	[mm]			
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø192/ Ø156/ BCØ174/ Ø7		
Connector for control signals				
Height	[mm]	382	397	
Width	[mm]	345	345	
Depth	[mm]	243	243	
Weight	[kg]	4.2	4.5	

* Adaptation for hose diameters 38mm, 40mm, 45mm and 60mm possible.

** in case of 10 conveying cycles per hour.



CL6

CL8

CL12

CL16

Q11007

Q11009

Q11201

Q11202

6

8

12

16

39

52

78

104

24

5

6 to 10

Ø8

Ø50 *

Ø272/ Ø235/ BCØ255/ Ø7

9-poles (other versions on request)

552

652

529

654

345

345

423

423

243

243

302

302

4.8

5.5

10.0

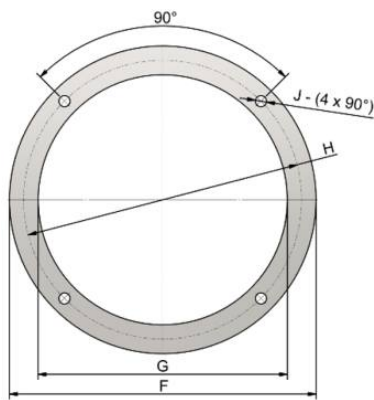
10.5

Material handling

CL series

The conveyors are made of high-quality stainless steel. Certain sizes are equipped with a glass insert, which allows the material level to be monitored visually at any time.

- **Compact design**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy to clean due to hinged top section**
- **Service opening to material flap**



CL22

Article no.		Q11010	
Loader volume	[liter]	22	
Conveying capacity **	[kg/h]	143	
Control signal voltage	[V DC]		
Power consumption	[W]		
Compressed air supply	[bar]		
Hose connection for compressed air supply	[mm]		
Connection for vacuum / material hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]		
Connector for control signals			
Height	[mm]	645	
Width	[mm]	505	
Depth	[mm]	382	
Weight	[kg]	11.0	

* Adaptation for hose diameters 38mm, 40mm, 45mm and 60mm possible.

** in case of 10 conveying cycles per hour.



CL44

CL66

Q11011	Q11114
44	66
286	429
24	
5	
6 to 10	
Ø8	
Ø50*	
Ø353/ Ø312/ BCØ337/ Ø7	
9-poles (other versions on request)	
910	853
505	524
382	472
14.0	17.0

Material handling

CL-DK series (dedusting)

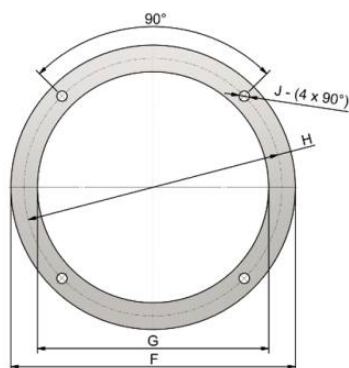
The CL-DK series are material separators as part of a central material handling system. They are mainly used to transport plastic granules between different locations in the production facility where a lot of dust has to be removed at the same time. A dust-free level of 80 to 95% can be achieved with these devices. They represent a cost-effective alternative to highly complex dedusting systems.

Different sizes are available depending on the required material throughput. The material is conveyed through vacuum, which is generated by a pump that is also part of the central system. The separated dust is collected in a central filter and can be disposed of from there.

The devices are normally controlled by the central system. When used in combination with qip dryers, they can be controlled by them. Lamps on the separators provide information about the operating status and the flap position. A flashing light can be obtained optionally to inform the operator in case of alarms.

The conveyors are made of high-quality stainless steel. Certain sizes are equipped with a glass insert, which allows the material level to be monitored visually at any time.

- **Compact design**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy to clean due to hinged top section**
- **Service opening to material flap**



CL6-DK

Article no.		Q11008	
Maximum permitted loading volume	[liter]	3	
Conveying capacity **	[kg/h]	19	
Control signal voltage	[V DC]		
Power consumption	[W]		
Compressed air supply	[bar]		
Hose connection for compressed air supply	[mm]		
Connection for vacuum / material hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø192/ Ø156/ BCØ174/ Ø7	
Connector for control signals			
Height	[mm]	552	
Width	[mm]	345	
Depth	[mm]	243	
Weight	[kg]	5.0	

* Adaptation for hose diameters 38mm, 40mm, 45mm and 60mm possible.

** in case of 10 conveying cycles per hour.



CL8-DK

CL12-DK

CL16-DK

Q11039	Q11040	Q11107
4	6	8
26	39	52
24		
5		
6 to 10		
Ø8		
Ø50 *		
Ø272/ Ø235/ BCØ255/ Ø7		
9-poles (other versions on request)		
652	529	654
345	423	423
243	302	302
5.7	10.2	11.0

Material handling

CL-2K series

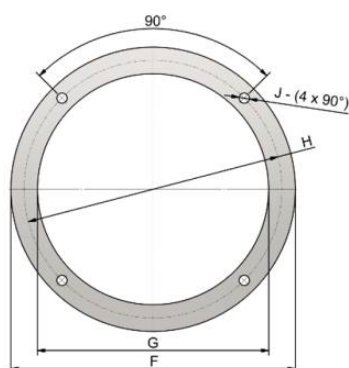
The CL-2K series are material separators as part of a central material handling system. They are mainly used to transport and blend two different kind of plastic granules between different locations in the production facility.

Different sizes are available depending on the required material throughput. The material is conveyed through vacuum, which is generated by a pump that is also part of the central system. Dust is collected in a central filter and can be disposed of from there.

The devices are normally controlled through the central system. When used in combination with qip dryers, they are controlled by them. Lamps on the separators provide information about the operating status and the flap position. A flashing light can be obtained optionally to inform the operator in case of alarms.

The conveyors are made of high-quality stainless steel. Certain sizes are equipped with a glass insert, which allows the material level to be monitored visually at any time.

- **Compact design**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy to clean due to hinged top section**
- **Service opening to material flap**



CL4-2K

CL6-2K

Article no.		Q11103	Q11102	
Loader volume	[liter]	4	6	
Conveying capacity **	[kg/h]	26	39	
Control signal voltage	[V DC]			
Power consumption	[W]			
Compressed air supply	[bar]			
Hose connection for compressed air supply	[mm]			
Connection for vacuum / material hose (inside)	[mm]			
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø192/ Ø156/ BCØ174/ Ø7		
Connector for control signals				
Height	[mm]	397	552	
Width	[mm]	335	335	
Depth	[mm]	243	243	
Weight	[kg]	4.7	4.9	

* Adaptation for hose diameters 38mm, 40mm, 45mm and 60mm possible.

** in case of 10 conveying cycles per hour.



CL8-2K

CL12-2K

CL16-2K

CL22-2K

Q11097	Q11247	Q11248	Q11109
8	12	16	22
52	78	104	143
24			
5			
6 to 10			
Ø8			
Ø50 *			
	Ø272/ Ø235/ BCØ255/ Ø7		Ø353/ Ø312/ BCØ337/ Ø7
9-poles (other versions on request)			
652	529	654	645
335	413	413	474
243	302	302	382
5.7	10.2	10.7	11.3

Material handling

CL-DK-2K series (dedusting)

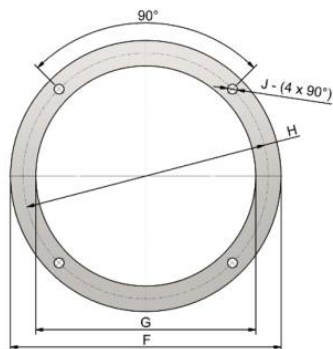
The CL-DK-2K series are material separators as part of a central material handling system. They are mainly used to transport and blend two different kind of plastic granules between different locations in the production facility where a lot of dust has to be removed at the same time. A dust-free level of 80 to 95% can be achieved with these devices. They represent a cost-effective alternative to highly complex dedusting systems.

Different sizes are available depending on the required material throughput. The material is conveyed through vacuum, which is generated by a pump that is also part of the central system. The separated dust is collected in a central filter and can be disposed of from there.

The devices are normally controlled by the central system. When used in combination with qip dryers, they can be controlled by them. Lamps on the separators provide information about the operating status and the flap position. A flashing light can be obtained optionally to inform the operator in case of alarms.

The conveyors are made of high-quality stainless steel. Certain sizes are equipped with a glass insert, which allows the material level to be monitored visually at any time.

- **Compact design**
- **Metal parts made of high-quality stainless steel**
- **Simple installation and commissioning**
- **Easy to clean due to hinged top section**
- **Service opening to material flap**



CL6-DK-2K

Article no.		Q11032	
Maximum permitted loading volume	[liter]	3	
Conveying capacity **	[kg/h]	19	
Control signal voltage	[V DC]		
Power consumption	[W]		
Compressed air supply	[bar]		
Hose connection for compressed air supply	[mm]		
Connection for vacuum / material hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø192/ Ø156/ BCØ174/ Ø7	
Connector for control signals			
Height	[mm]	552	
Width	[mm]	335	
Depth	[mm]	243	
Weight	[kg]	5.1	

* Adaptation for hose diameters 38mm, 40mm, 45mm and 60mm possible.

** in case of 10 conveying cycles per hour.

Material handling
CL-DK-2K series (dedusting)



CL8-DK-2K



CL12-DK-2K



CL16-DK-2K

Q11203	Q11221	Q11167
4	6	8
26	39	52
24		
5		
6 to 10		
Ø8		
Ø50 *		
Ø272/ Ø235/ BCØ255/ Ø7		
9-poles (other versions on request)		
652	529	654
335	413	413
243	302	302
5.9	10.4	10.9

Material handling

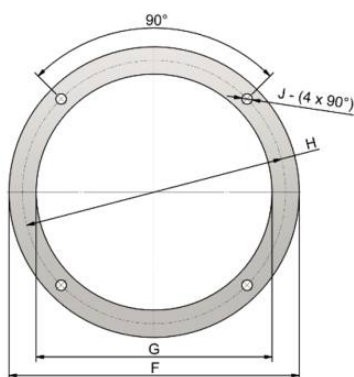
CL-PF series (with integrated filter)

The CL-PF series are material separators as part of a central material handling system. They are mainly used to transport plastic granules between different locations in the production facility. Dust in the material is not disposed of in a central filter. It remains in the separator for further processing.

Different sizes are available depending on the required material throughput. The material is conveyed through vacuum, which is generated by a pump that is also part of the central system. The integrated filter is automatically cleaned with compressed air blasts after each conveying cycle.

The devices are normally controlled by central system. When used in combination with qip dryers, they can be controlled by them. Lamps on the separators provide information about the operating status and the flap position. A flashing light can be obtained optionally to inform the operator in case of alarms. The conveyors are made of high-quality stainless steel.

- Separator with integrated large filter
- Efficient automatic filter cleaning with compressed air tank and special cleaning nozzle
- Metal parts made of high-quality stainless steel
- Easy cleaning due to hinged top section
- Simple installation and commissioning
- Service opening to material flap



CL8-PF

Article no.		Q11204	
Maximum permitted loading volume	[liter]	4	
Conveying capacity **	[kg/h]	26	
Control signal voltage	[V DC]		
Power consumption	[W]		
Compressed air supply	[bar]		
Hose connection for compressed air supply	[mm]		
Connection for vacuum / material hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø192/ Ø156/ BCØ174/ Ø7	
Connector for control signals			
Height	[mm]	652	
Width	[mm]	345	
Depth	[mm]	243	
Weight	[kg]	8.0	

* Adaptation for hose diameters 38mm, 40mm, 45mm and 60mm possible.

** in case of 10 conveying cycles per hour.

Material handling CL-PF series (with integrated filter)



CL16-PF

CL22-PF

CL44-PF

Q11260	Q11206	Q11220
12	18	40
78	117	260
24		
5		
6 to 10		
Ø8		
Ø50 *		
Ø272/ Ø235/ BCØ255/ Ø7	Ø353/ Ø312/ BCØ337/ Ø7	
9-poles (other versions on request)		
654	645	910
423	505	505
302	382	382
13.0	13.5	16.5

Material handling

CL-G series (wear-resistant glass body and glass inlet)

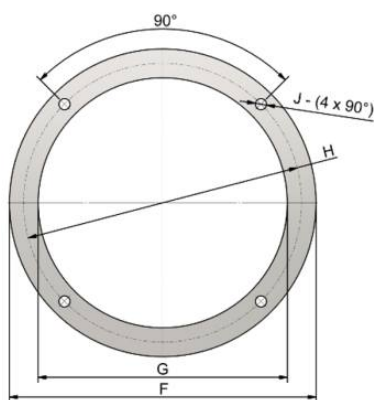
The CL-G series are material separators as part of a central material handling system. They are used to transport highly abrasive plastic granules between different locations in the production facility. The use of a glass body at the material inlet reduces wear immensely.

Different sizes are available depending on the required material throughput. The material is conveyed through vacuum, which is generated by a pump that is also part of the central system. Dust is collected in a central filter and can be disposed of from there.

The devices are normally controlled by the central system. When used in combination with qip dryers, they can be controlled by them. Lamps on the separators provide information about the operating status and the flap position. A flashing light can be obtained optionally to inform the operator in case of alarms.

The conveyors are made of high-quality stainless steel with glass insert. The glass inlet also allows to visually monitor the material level at any time.

- **Compact design**
- **Wear-resistant glass body with glass connection**
- **Simple installation and commissioning**
- **Easy to clean due to hinged top section**
- **Service opening to material flap**



CL16-G

Article no.		Q11229	
Loader volume	[liter]	16	
Conveying capacity **	[kg/h]	104	
Control signal voltage	[V DC]		
Power consumption	[W]		
Compressed air supply	[bar]		
Hose connection for compressed air supply	[mm]		
Connection for vacuum / material hose (inside)	[mm]		
Hole pattern of mounting flange F/ G/ H/ J	[mm]	Ø272/ Ø235/ BCØ255/ Ø7	
Connector for control signals			
Height	[mm]	598	
Width	[mm]	423	
Depth	[mm]	302	
Weight	[kg]	11.5	

* Adaptation for hose diameters 38mm, 40mm, 45mm and 60mm possible.

** in case of 10 conveying cycles per hour.

CL-G series (wear-resistant glass body and glass inlet)



CL22-G

CL44-G

Q11127	Q11128
22	44
143	286
24	
5	
6 to 10	
Ø8	
Ø50 *	
Ø353/ Ø312/ BCØ337/ Ø7	
9-poles (other versions on request)	
732	1032
505	505
382	382
12.0	14.0

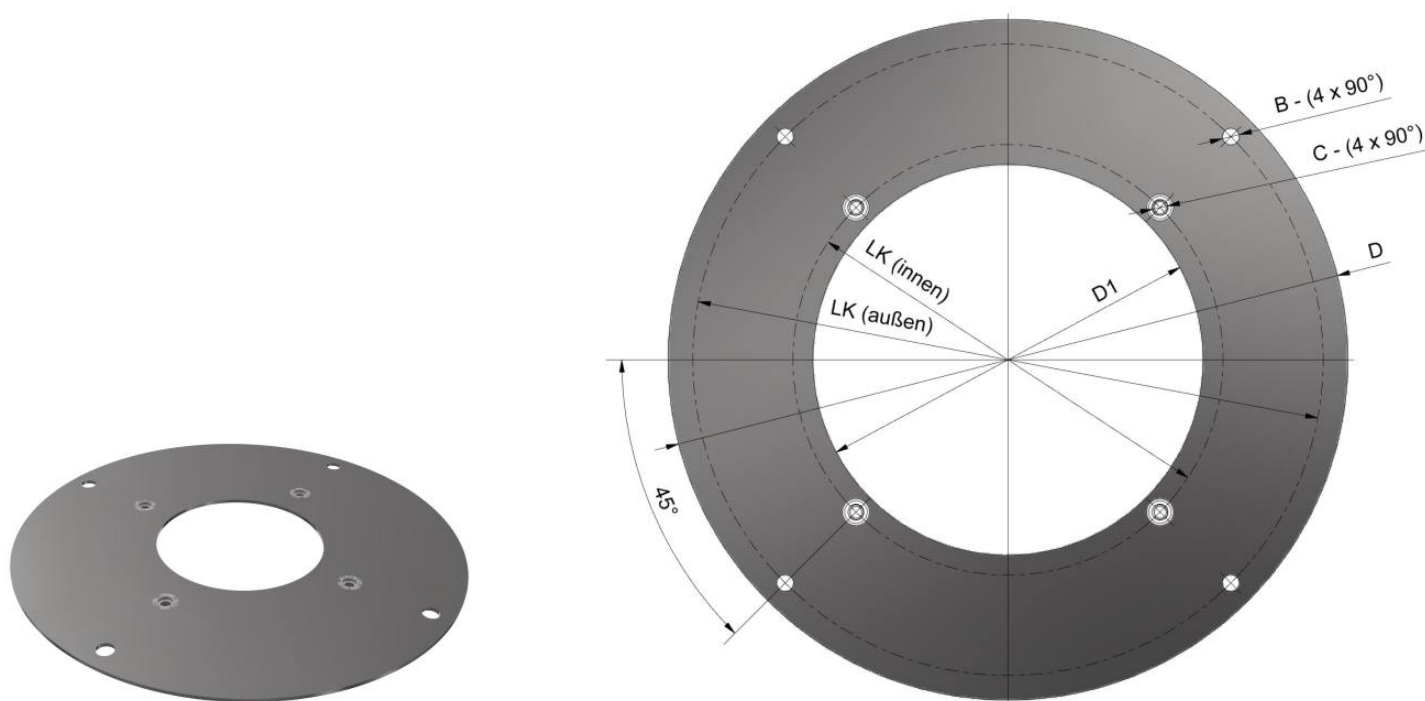
Material handling accessories

Adaptor plate for dryer

In some cases, conveyors cannot directly be mounted on the required machines. Adapter plates and adapter funnels form the necessary link to provide the correct cut-outs and holes for proper installation.

As the fields of application are very wide-ranging, only a selection is shown here. A large number of special designs are already available or can be requested if required.

- **Manufactured from high-quality stainless steel**
- **Mounting of conveyors on any machine**

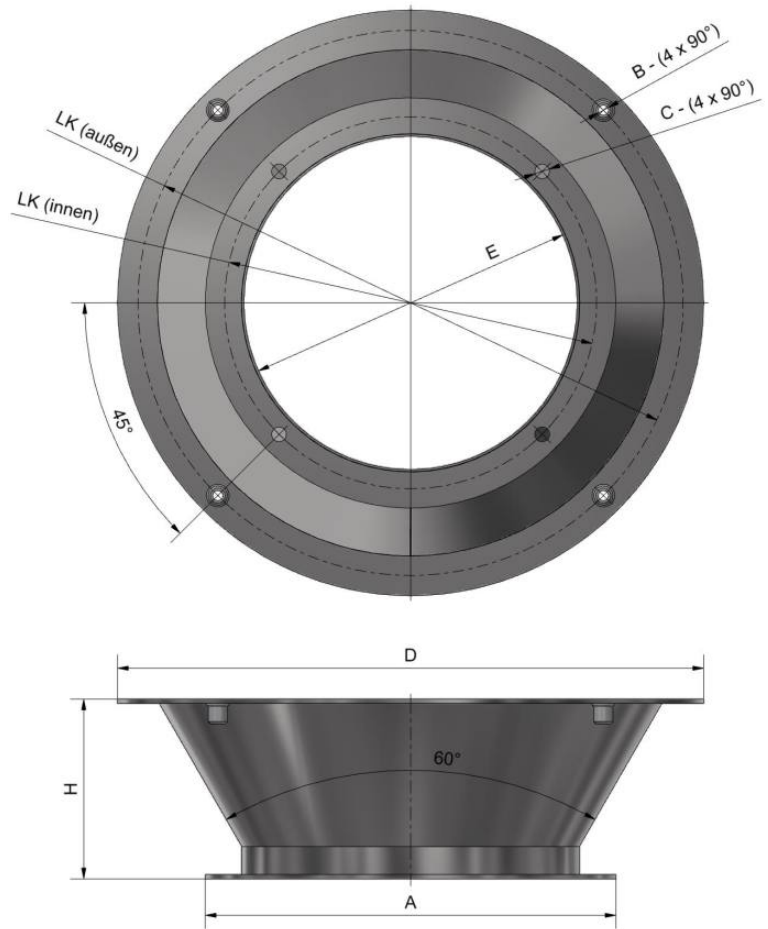


Adapter plate for dryer

Article no.		Q11054	Q20025	Q20026	Q20205
Outer diameter D	[mm]	Ø192	Ø275	Ø353	Ø353
Outer bolt circle LK	[mm]	Ø174	Ø255	Ø337	Ø337
Mounting holes B	[mm]	Ø7	Ø7	Ø7	Ø7
Inner bolt circle LK	[mm]	Ø105	Ø174	Ø174	Ø255
Mounting holes C	[mm]	M5	M6	M6	M6
Opening D1	[mm]	Ø72	Ø158	Ø158	Ø235
Weight	[kg]	0.3	0.7	1.2	0.9
Suitable for conveyor		VL0.5	HL/CL3-8	HL/CL8	CL/HL12-16
Suitable for dryer		BD/FD/JD	UD260	UD360-1700	UD360-1700
Drawing no.		301404	300192	301219	301453

Material handling accessories

Adapter funnel for dryer



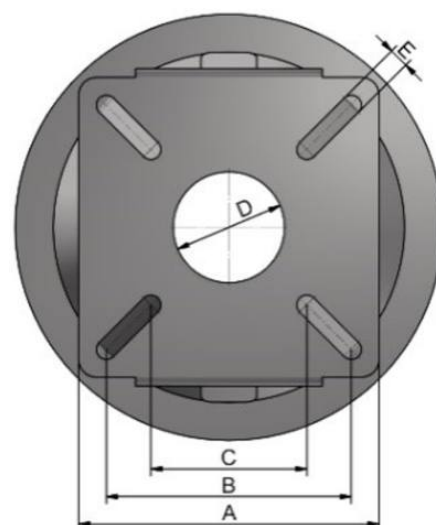
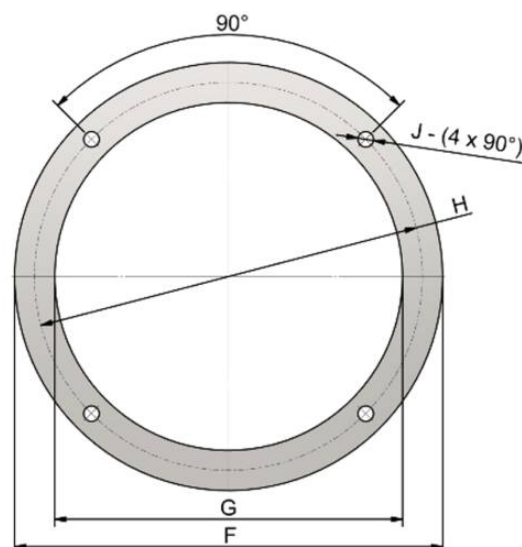
Adapter funnel for dryer

Article no.		Q20242	Q20120	Q20040
Height H	[mm]	84	143	82
Mounting flange for conveyor D	[mm]	Ø274	Ø353	Ø353
Outer bolt circle LK	[mm]	Ø255	Ø337	Ø337
Mounting holes B	[mm]	M6	M6	M6
Mounting flange for dryer A	[mm]	Ø192	Ø192	Ø275
Inner bolt circle LK	[mm]	Ø174	Ø174	Ø255
Mounting holes C	[mm]	Ø7	Ø7	Ø7
Material outlet E	[mm]	Ø156	Ø156	Ø215
Weight	[kg]	0,9	1.5	1.5
Suitable for conveyor		HL/CL12-16	HL/CL22-44	HL/CL22-44
Suitable for dryer		BD/FD/JD	BD/FD/JD	UD260
Drawing no.		301648	301173	300493

Underbody funnel / material funnel

Underbody funnels are used with conveyors that are mounted on the production machine. A universal hole pattern covers the most common hole dimensions at the infeed of the system. The conveyor itself is mounted on the funnel using a clamping ring to allow quick access to the inside for cleaning. A corresponding gasket is included in delivery.

- **Made of high-quality stainless steel**



Underbody funnel / material funnel

Article no.		Q20121	Q20085	Q20275	Q20091
Hopper volume	[liter]	0.9	0.9	0.9	0.9
Mounting flange (top) F/ G	[mm]	Ø192/Ø156	Ø192/Ø156	Ø192/Ø156	Ø192/Ø156
Mounting flange (top) H	[mm]	Ø7	Ø7	Ø7	Ø7
Mounting holes J	[mm]	Ø7	Ø7	Ø7	Ø7
Mounting flange (bottom) A/ B/ C	[mm]	135/110/70	135/110/70	135/110/70	135/110/70
Mounting hole E	[mm]	Ø9	Ø9	Ø9	Ø9
Material outlet D	[mm]	Ø50	Ø50	Ø50	Ø50
Height	[mm]	113	113	113	113
Weight	[kg]	0.5	1.0	2.5	3.5
Suitable for		VL-VU0.5	VL/HL/CL3-10	HL/CL12-16	HL/CL22-44
Drawing no.		301285	300624	302157	300933

Material handling accessories

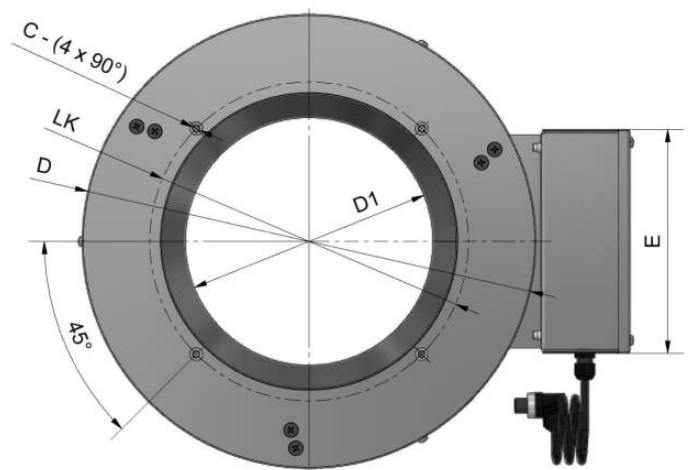
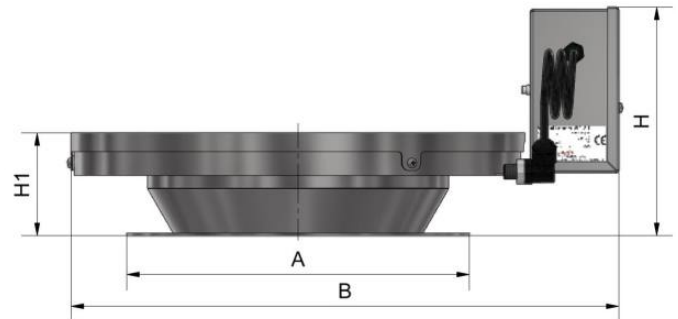
Throughput monitoring

The throughput monitor enables precise recording of the material throughput. It is preferably mounted on the cover of the dryer or on the production machine.

Analysis is executed in the controller of a dryer from qip. If necessary, an alarm can be triggered on the drying device if consumption is too high.

Throughput monitoring is also often integrated into production data acquisition systems for evaluation. The required interfaces are available in the dryer control system.

- **Accurate gravimetric weight measurement during operation**
- **Data link to production data acquisition systems possible**



Throughput monitoring

Article no.		Q20135	Q20287	Q20057
Height H/ H1	[mm]	172 / 71	183 / 82	172 / 71
Width B	[mm]	357	438	512
Terminal box E	[mm]	179	179	179
Flared flange A	[mm]	192 (BCØ174 - 4xØ7)	274 (BCØ255 - 4xØ7)	353 (BCØ337 - 4xØ7)
Mounting holes C	[mm]	M6	M6	M6
Bolt circle LK	[mm]	Ø174	Ø255	Ø337
Outer diameter D	[mm]	Ø282	Ø363	Ø437
Material outlet D1	[mm]	Ø156	Ø198	Ø312
Weight	[kg]	4.0	5.0	6.5
Suitable for		FD/JD & CL/H3-8	UD260 & CL/H12-16	UD360-3700 & CL22-66
Drawing no.		301238	301874	301046

Material storage

Storage container SC series

Storage containers of the SC series ensure the proper and safe storage of plastic granules to be processed. They meet the highest quality standards and are manufactured from stainless steel up to sizes with a container volume of 3500 liters.

Included sight glasses allow the fill level to be monitored visually at any time. A hinged lid facilitates the filling of the bins, while a mobile frame increases mobility. Support grids for material bags, a wide range of accessories for unloading the granules as well as electronic systems to measure weight and fill level and automatic locking systems are also available.

- Lockable castors
- Including suction pipe holder (max. Ø72mm)
- Integrated support grid inside for material bag
- Feedthrough for suction pipe in the lid
- Container made of high-quality stainless steel with sight glass
- Hinged lid
- Comprehensive range of accessories



80			
Article no.		Q13000	
Hopper volume	[liter]	80	
Diameter of container	[mm]		
Material outlet	[mm]		
Angle of outlet funnel	[degree]		
Feedthrough for suction pipe	[mm]		
Lid design			
Castors with stop function			
Shut-off flange & suction box (OPTION)			
Mounting flange for conveyor	[mm]		
Mounting flange at material outlet	[mm]		
Height with mobile frame	[mm]	905	
Width with mobile frame	[mm]	710	
Depth with mobile frame	[mm]	725	
Weight	[kg]	29	

Material storage Storage container SC series



120

160

220

Q13001

Q13002

Q13003

120

160

220

Ø620

Ø70

90

Ø60 (1 pc.)

foldable (1-piece)

included

Q20245 & Q20017

BCØ174 / 4x M6

80 x 80 / 4x M6

1035

1165

1275

710

710

710

725

725

725

38

47

56

Material storage

Storage container SC series



300			
Article no.		Q13022	
Hopper volume	[liter]	300	
Diameter of container	[mm]		
Material outlet	[mm]		
Angle of outlet funnel	[degree]		
Feedthrough for suction pipe	[mm]		
Lid design			
Castors with stop function			
Shut-off flange & suction box (OPTION)			
Mounting flange for conveyor	[mm]		
Mounting flange at material outlet	[mm]		
Height with mobile frame	[mm]	968	
Width with mobile frame	[mm]	970	
Depth with mobile frame	[mm]	975	
Weight	[kg]	65	

Material storage Storage container SC series



400

500

Q13023

Q13011

400

500

Ø940

Ø70

105

Ø60 (2 pcs.)

foldable (2-part)

included

Q20245 & Q20017

BCØ337 / 4x M6

80 x 80 / 4x M6

1100

1203

970

970

975

975

75

85

Material storage

Storage container SC series

For safety reasons, storage containers of the SC series with a volume of 750 liters or more are no longer supplied as mobile versions. In addition, the shape of the containers changes from round to square. The bins ensure proper and safe storage of plastic granules to be processed. They meet the highest quality standards and are manufactured from galvanized steel up to sizes with a container volume of 3500 liters. Stainless-steel or aluminum versions are optionally available.

Included sight glasses allow the fill level to be monitored visually at any time. A hinged lid facilitates the filling of the containers, while a mobile frame increases mobility. Support grids for material bags, a wide range of accessories for unloading the granules as well as electronic systems to measure weight and fill level and automatic locking systems are also available.

- Compact design
- Container made of galvanized steel with sight glass
- Hinged lid
- Comprehensive range of accessories



750			
Article no		Q13010	
Hopper volume	[liter]	750	
Material outlet	[mm]		
Angle of outlet funnel	[degree]		
Lid design			
Suction box (OPTION)			
Mounting flange for conveyor	[mm]		
Mounting flange at material outlet	[mm]		
Height with static frame	[mm]	1345	
Width with static frame	[mm]	1170	
Depth with static frame	[mm]	1170	
Weight	[kg]	125	

Material storage Storage container SC series



1000

1500

2000

Q13009

Q13008

Q13007

1000

1500

2000

□115

90

foldable (2-part)

UD series (Q20017 - Q20020)

BCØ337 / 8x M6

□170 / 4x M8

1515

1865

1835

1170

1170

1470

1170

1170

1470

165

200

235

Material storage

Storage container SC series



2500			
Article no		Q13006	
Hopper volume	[liter]	2500	
Material outlet	[mm]		
Angle of outlet funnel	[degree]		
Lid design			
Suction box (OPTION)			
Mounting flange for conveyor	[mm]		
Mounting flange at material outlet	[mm]		
Height with static frame	[mm]	2070	
Width with static frame	[mm]	1470	
Depth with static frame	[mm]	1470	
Weight	[kg]	265	

Material storage Storage container SC series



3000

3500

4000

Q13005

Q13004

Q13017

3000

3500

4000

□115

90

foldable (2-part)

UD series (Q20017 - Q20020)

BCØ337 / 8x M6

□170 / 4x M8

2304

2540

3245

1470

1470

1470

1470

1470

1470

290

315

350

Drying

Selection chart

TECHNICAL DATA	0,5	2,5	4,5	7	11	22	44	77	120	170	
Series	CD	CD/TD	CD/TD	CD/TD	C/T B/J	BD/JD	B/J /F	B/J /F	B/J /F	B/J /F	
Hopper volume [liter]	0,5	2,5	4,5	7	11	22	44	77	120	170	
Compressed air need [Nm³/h]	1,0	1,5	2,5	3,5	2,0-4,5	3,0-7,5	*1	*1	*1	*1	
Operating voltage [V/Hz]	1N230 / 50...60 *2										
Installed power [kW]	0,35	0,35	0,35	0,35	0,35 / 1	1	1 / 2	3,3 / 3,6	3,3 / 3,6	3,3 / 3,6	
Height *3 [mm]	410	410	510	690	810/570	720	905	1095	1270	1420	
Width *4 [mm]	255	255	255	255	255/340	375	445	510	560	610	
Depth *4 [mm]	350	350	350	350	365/360	490	590	620	700	750	
Height of frame *5 [mm]	-	-	-	-	-/635	635	635	635	635	635	
Width of frame [mm]	-	-	-	-	-/710	710	710	710	800	800	
Depth of frame [mm]	-	-	-	-	-/710	710	710	710	800	800	
Weight [kg]	10	12	14	16	18	26	36	44	60	76	

*1 The compressed air consumption differs between BD/JD and FD series and is specified in the corresponding data sheet.

*2 Other voltages on request.

DRYING DATA

Time [h] Temp. [°C]			Throughput [kg/h]									
ABS	2	80	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
ASA	3	80	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
CAB	2	75	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
CP	4	75	0,08	0,40	0,75	1,15	1,80	3,6	7,2	12,5	19,5	27,6
EVA	2	80	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
EVOH	5	120	0,07	0,35	0,60	0,90	1,40	2,9	5,7	10,0	15,6	22,1
LCP	4	150	0,08	0,40	0,75	1,15	1,80	3,6	7,2	12,5	19,5	27,6
PA	4	80	0,08	0,40	0,75	1,15	1,80	3,6	7,2	12,5	19,5	27,6
PBTP	3	140	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
PC	2	120	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
PE	2	85	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
PEEK	3	150	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
PET	4	180	0,10	0,50	0,90	1,40	2,35	4,4	8,8	15,4	24,0	34,0
PET G	6	75	0,05	0,30	0,50	0,80	1,20	2,4	4,8	8,3	13,0	18,4
PI	3	120	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
PMMA	3	80	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
POM	3	100	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
PP	3	90	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
PPS	2	150	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
PS	2	80	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
PUR/TPU	3	90	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8
SAN	2	80	0,16	0,80	1,45	2,30	3,60	7,2	14,3	25,0	39,0	55,2
TPE	3	100	0,11	0,55	1,00	1,50	2,40	4,8	9,5	16,7	26,0	36,8

Compressed air quality according to industrial standard (pressure dew point 3 to 5°C at 7bar, residual oil content 0.1ppm).

Drying Selection chart

	220	260	360	500	700	900	1300	1700	2200	2700	3200	3700	4200	4700
	FD	UD	UD	UD	UD	UD	UD	UD	HD	HD	HD	HD	HD	HD
	220	260	360	500	700	900	1300	1700	2200	2700	3200	3700	4200	4700
	3.0-16.0	6-17	6-26	7-32	7-46	9-55	11-82	13-114	50-155	60-190	65-220	70-250	80-290	90-330
3N400 / 50...60 *2														
	8	8	8	9,5	13,5	16,5	24	31	38	47	55	64	72	81
	1560	2240	2445	2660	2960	3165	3395	3665	3950	3975	4175	4370	4520	4685
	670	910	970	1035	1200	1265	1105	1105	1200	1275	1340	1400	1450	1470
	800	930	995	1050	1230	1265	1300	1350	1465	1495	1560	1620	1670	2050
	635	515	515	515	565	565	450	450	450	450	450	450	450	450
	800	Ø910	Ø970	Ø1035	Ø1200	Ø1265	Ø940	Ø1020	Ø1105	Ø1235	Ø1305	Ø1365	Ø1420	Ø1470
	800	Ø910	Ø970	Ø1035	Ø1200	Ø1265	Ø940	Ø1020	Ø1105	Ø1235	Ø1305	Ø1365	Ø1420	Ø1470
	117	160	230	280	350	400	460	520	620	730	840	950	1060	1170

*3 From hopper volumes of 260 liters, the height refers to the top edge of the hopper including the frame stated in the table.

*4 From hopper volumes of 260 liters, width and depth refer to the dryer including the frame stated in the table.

*5 The dimensions refer to mobile frames up to hopper volumes of 900 liters, above that to static frames.

Bulk density 0.65kg/liter								Bulk density 0.8kg/liter for PET						
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	35,8	42	58	81	114	146	211	276	355	440	520	600	680	765
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	28,6	34	47	65	91	117	169	221	285	350	415	480	545	610
	35,8	42	58	81	114	146	211	xxx	355	440	520	600	680	765
	35,8	42	58	81	114	146	211	xxx	355	440	520	600	680	765
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	44,0	52	72	100	140	180	260	340	440	540	640	740	840	940
	23,8	28	39	54	76	97	141	184	240	290	345	400	455	510
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020
	71,5	84	117	162	227	292	422	552	715	880	1040	1200	1365	1530
	47,7	56	78	108	151	195	282	368	475	585	695	800	910	1020



Gewerbestrasse 1
6973 Hoechst
Austria

info@qip-gmbh.com
www.qip-gmbh.com

