



## Con-Evator PGT

Automatic Vacuum Conveying of Free-Flowing Plastic Granules



# Con-Evator PGT

The Con-Evator PGT is a vacuum hopper loader designed for conveying free-flowing granular plastic material from a bag or bin to the intermediate hopper of the processing machine or another hopper.

## Available in following versions:

### A) Standard (blower fitted on hopper)

The most common version with all parts assembled in one compact unit. Easy to install and maintain.

### B) Divided execution (blower and hopper separated) / blow-back valve

Version used where space or weight has to be considered, or when long conveying distances require a high-capacity blower. Optionally available with pneumatic blow-back valve for increase of capacity.

### C) Con-Evator PGT with separate control

Control separated from the machine with an extra long cable. Applicable to locations difficult to access at which adjustment of the control may be impeded.

### D) Con-Evator PGT with stainless steel hopper and separate control

Control separated from the machine with an extra long cable. Applicable to locations difficult to access at which adjustment of the control may be impeded or for applications requiring a stainless steel hopper.

- Built-in control for proportioning valve
- Separate control (option)
- Automatic level control
- 3-phase motor
- Available in 8 and 16 litres
- Low-level alarm
- Automatic filter cleaning by blower reversing
- Low noise level
- Solid aluminum construction
- Blower with capacities ranging from 0.4 to 1.5 kW
- Easy installation
- 3 years warranty, excl. wear parts

Technical Data	PGT 4	PGT 6.1
Power supply	3 x 380-480 V 50/60 Hz	
Control Voltage AC	24	
Motor power kW (50/60 Hz)	0.37/0.45	1.1/1.3
Installed power kW	0.47/0.54	1.2/1.47
Motor r.p.m. min.	2820/3410	2850/3450
Air volume	-	-
Water column mm	1500/1700	1800/2100
Noise level, dBA	62	68
Vacuum hopper, capacity/l	8	16
Conveying hose, inner Ø mm	32	38
Conveying hose, length, m	3	3
Connection cable, m	3	3
Telescopic suction probe		
Outer pipe, length, mm	700	
Outer pipe, outer Ø, mm	51	57
Inner pipe, length, mm	840	
Inner pipe, Ø, mm	32	38
Shipping weight, kg	34	44

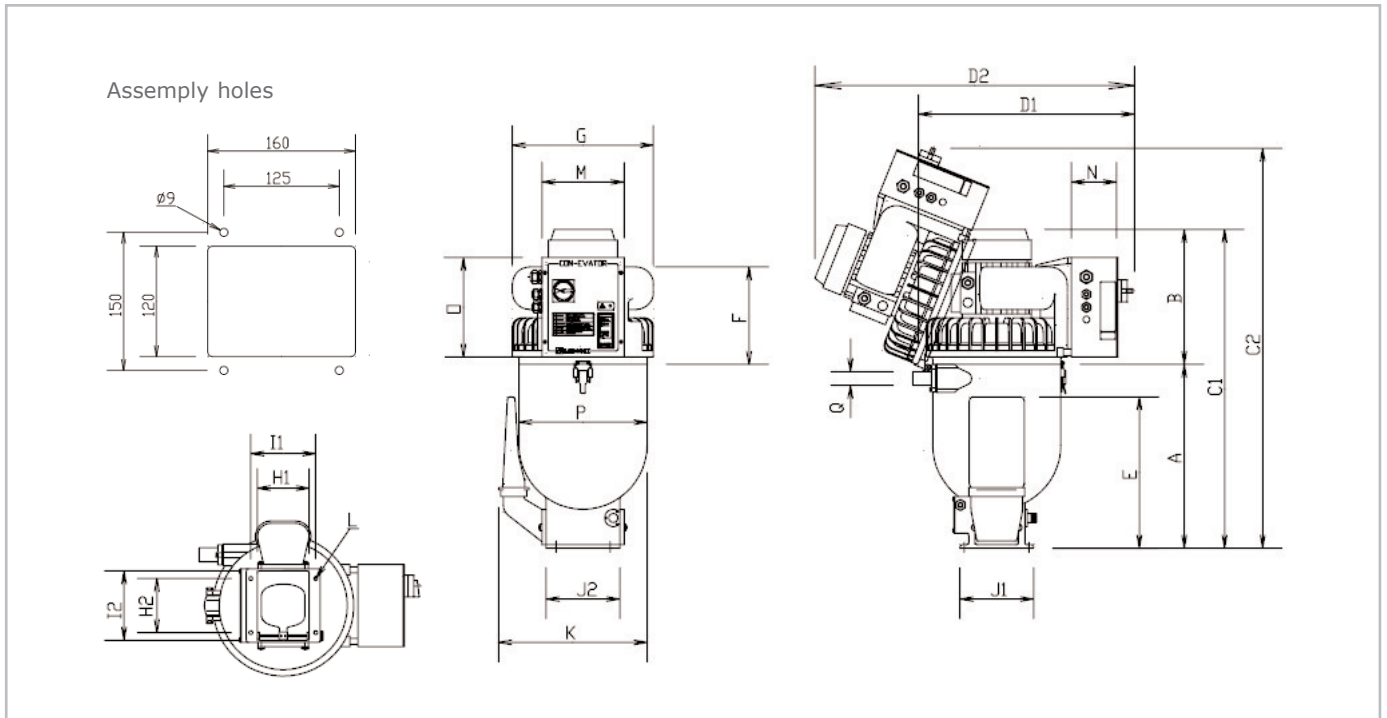
Standard execution



PGT with separate control



## Flange dimensions



Type	A	B	C1	C2	D1	D2	E	F	G	H1	H2
PGT 4	315	268	583	765	410	490	305	178	270	120	125
PGT 6.1	425	310	735	925	455	550	350	178	330	120	125

Type	I1	I2	J1	J2	K	L	M	N	O	P	Q
PGT 4	150	160	175	170	335	Ø9	190	110	230	Ø280	Ø32
PGT 6.1	150	160	175	170	360	Ø9	190	110	230	Ø295	Ø38

### Con-Evator PGT 4

Capacity table [kg/h]		Horizontal conveying distance [metres]										
		1	3	6	12	18	24	30	36	42	48	54
Vertical conveying distance [m]	3	227	206	193	173	150	133	115	112	92	0	0
	4	206	200	169	153	137	125	112	98	80	0	0
	5	196	192	160	125	120	118	109	61	0	0	0

### Con-Evator PGT 6.1

Capacity table [kg/h]		Horizontal conveying distance [metres]										
		1	3	6	12	18	24	30	36	42	48	54
Vertical conveying distance [m]	3	542	512	492	402	390	374	359	343	328	309	294
	4	499	480	473	394	374	363	346	328	319	297	281
	5	416	398	390	353	328	319	314	304	283	277	261

**3 years  
warranty**

Labotek offers 3 years warranty  
- excluding wear parts

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Representative