

Dosing Station DosyPack



- Precise Dosing
- High Conveying
- Fully Adjustable
- Hygienic Design
- Pneumatic Driven
- Easy Maintenance
- Stainless Steel

DosyPack is the perfect complete dosing unit for all types of dry products

Complete with stainless steel hopper and conveying chute. Its very easy to integrate with a weighing system

The very simple and accessible design, makes it easy to clean and maintain

Example	Product		Conveying Speed [gr./sec]		Sound Level [dB(A)]
	Particle Density [kg/dm ³]	Particle Size [mm.]	DosyPack 4	DosyPack 25 – 80	
Sand	1,54	0 - 1	0 – 20	0 – 260	56 – 75
Granulat	0,70	1 - 3	-	0 – 150	56 – 75
Plastik hætter	0,20	Ø 10	-	0 – 25	56 – 73

The technical data relate to the examples given and can vary, depending on the product.



DosyPack 25



DosyPack 40



DosyPack 56



DosyPack 80

Pneumatic Dosing Station DosyPack

Applications

DosyPack dosing stations are particularly suitable for the fast and exact dosing of all types of bulk material, or as feeders for optical sorting facilities. Gentle dosing is possible for especially sensitive products.

Design and functioning principle

The dosing station basically consists of a conveyor channel mounted on leaf springs and a silo. All product carrying parts are made of brushed stainless steel ($R_a=0,25$, $R_z=1$), all other parts are made of corrosion-resistant and physiologically harmless materials.

Because of the functional design DosyPacks are fast and easy to clean. This allows it to be used even under the extreme hygienic conditions demanded by the chemical, pharmaceutical and food industries.

The flow rate can be varied with the dosing port at the silo outlet. Pneumatic linear vibrators series NTS and NTK may be selected for driving. They work without running on, so that the product flow is immediately interrupted, once the vibrators are switched off.

The exact feed quantity is regulated by adjusting the frequency and amplitude of vibration. Both can be independently adjusted. Increasing the supply pressure causes an increase in the frequency. The amplitude can be adjusted by regulating the optional throttle.

A multi-directional valve is required for operation (not supplied).

Permissible operating conditions

Drive medium:

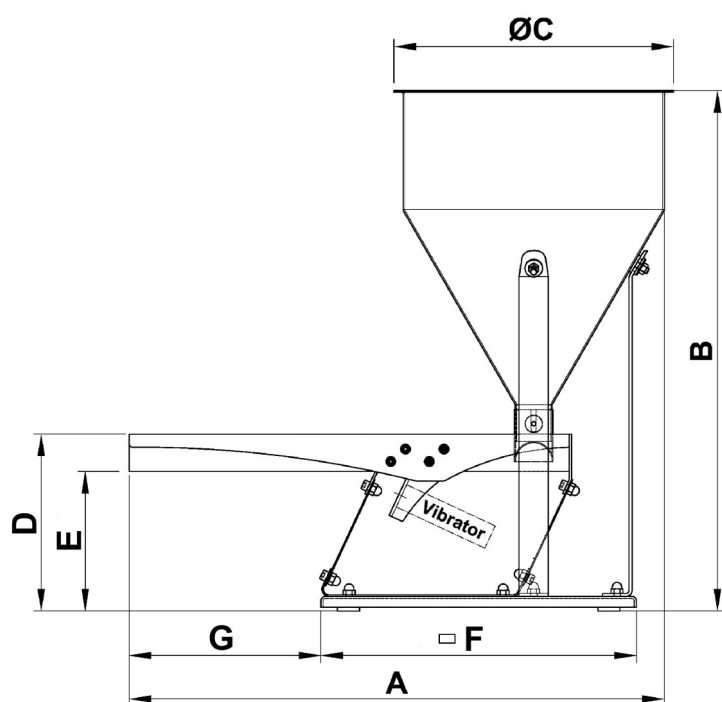
Compressed air or nitrogen (filter $\leq 5 \mu m$), preferably with oil mist

Operating pressure:

2 bar to 6 bar

Ambient temperature:

5°C to 60°C



Adjustable hopper-outlet for precise dosing

Dimension

Model	A [mm.]	B [mm.]	ØC [mm.]	D [mm.]	E [mm.]	F [mm.]	G [mm.]	V (Hopper Volume) [Litre]	Weight [Kg.]
DosyPack 4	420	480	200	190	175	290 x 150	105	4	5,5
DosyPack 25	729	710	381	241	190.5	430 x 280	261	25	15,0
DosyPack 40	729	860	381	241	190.5	430 x 280	261	40	16,8
DosyPack 56	805	844	533	241	190.5	430 x 280	261	56	26,3
DosyPack 80	805	994	533	241	190.5	430 x 280	261	80	29,5

Pneumatic Dosing Station DosyPack

DosyPack 4

For small and precise dosing, the DosyPack 4 is a great solution. Equipped with small and powerful pneumatic piston vibrators NTS 8 AL or NTS 120 NFL



DosyPack 25

The DosyPack is also available without the hopper, as a simple conveying-unit called a PowerPack.

This offers the option for a more customized solution



The DosyPack is delivered as standard without any pneumatic control.

But we can on request offer all possible pneumatic options for fully control and adjustment

Product No.	Description
89125101	Filter regulator for adjusting the frequency (speed)
89125102	Filter regulator + Lubricator
89125103	Manual Valve for Start &Stop
98125104	230V AC Solenoid Valve for Start &Stop
98125106	24V DC Solenoid Valve for Start & Stop
98125105	Throttle Valve for adjustment of amplitude (Stroke)

