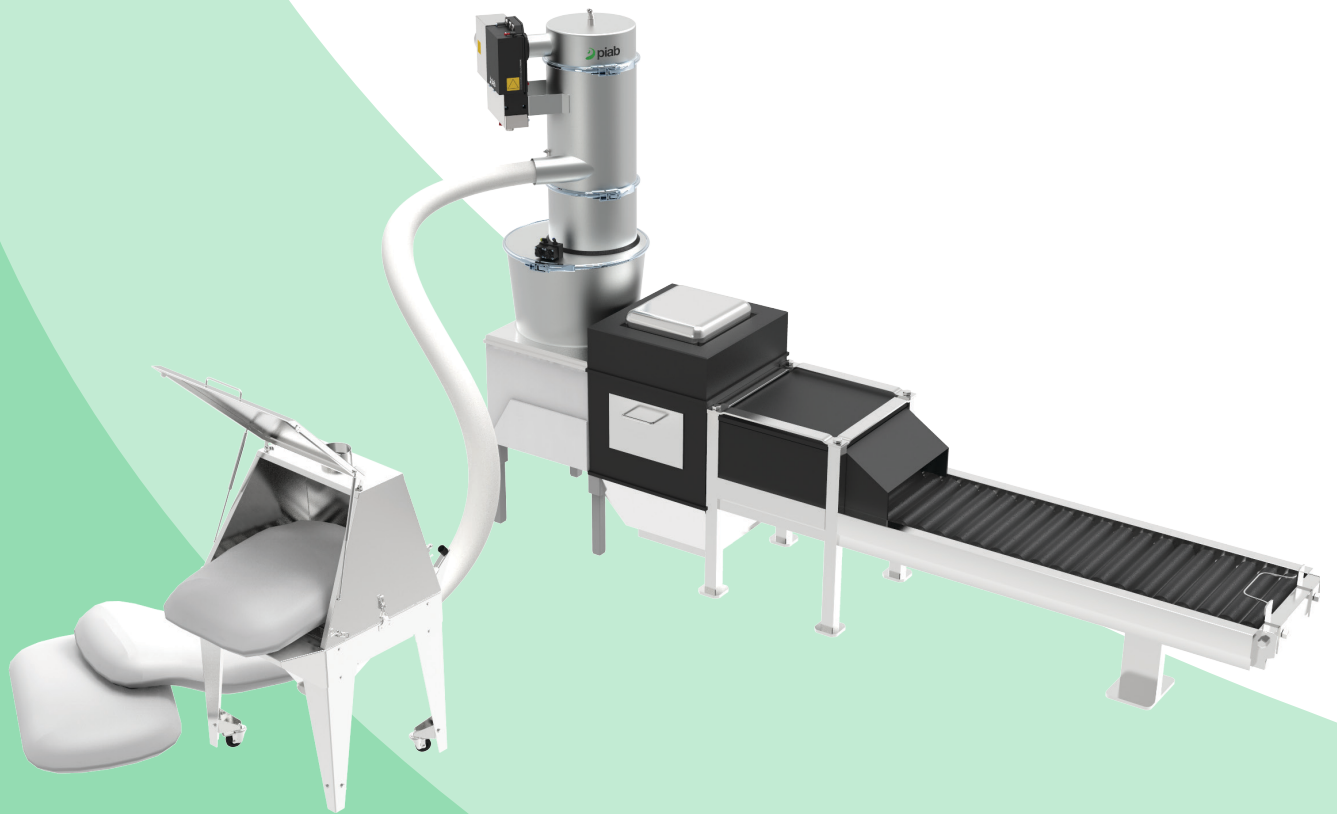




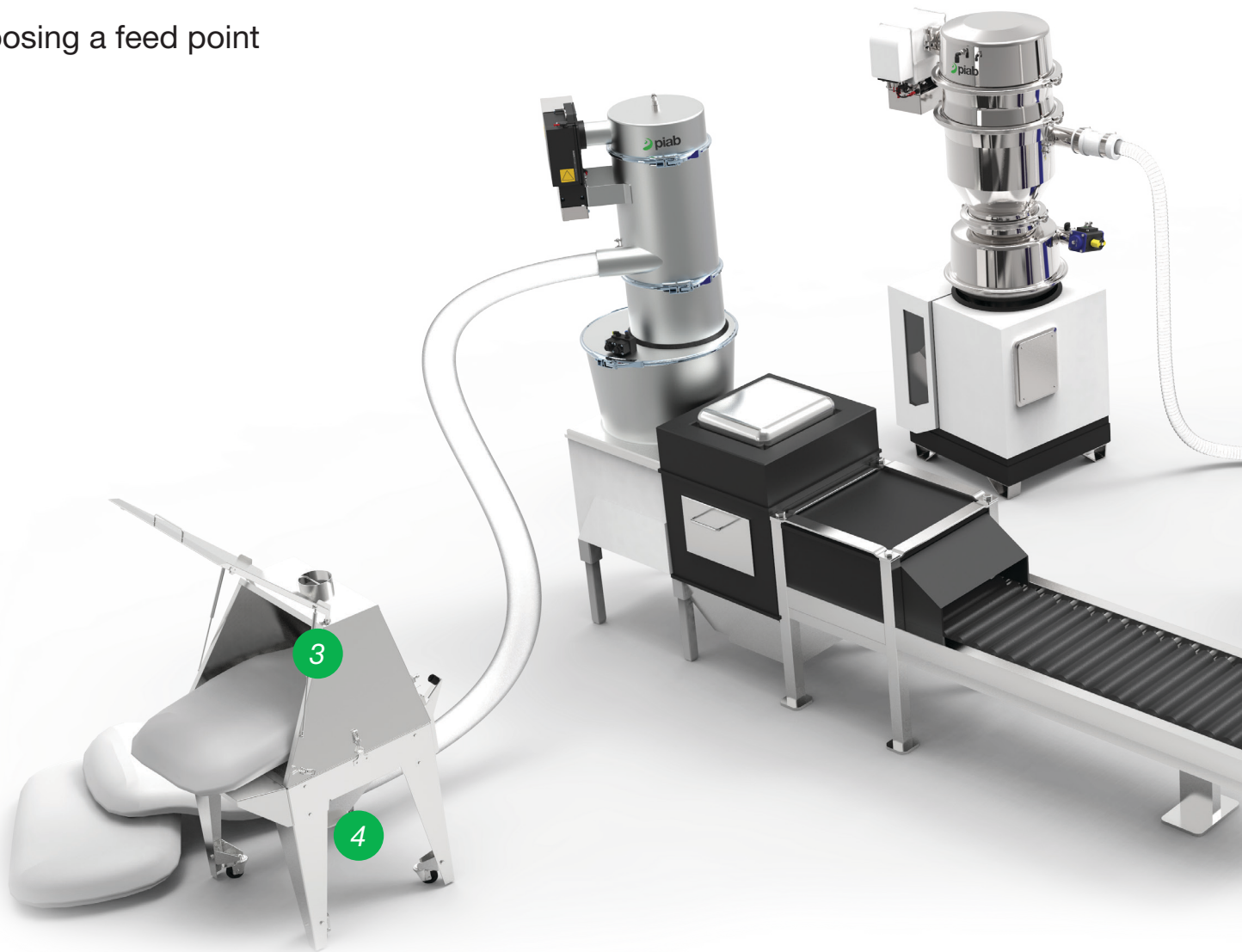
# Feed points

Optimize your material handling!



# Optimize your process line

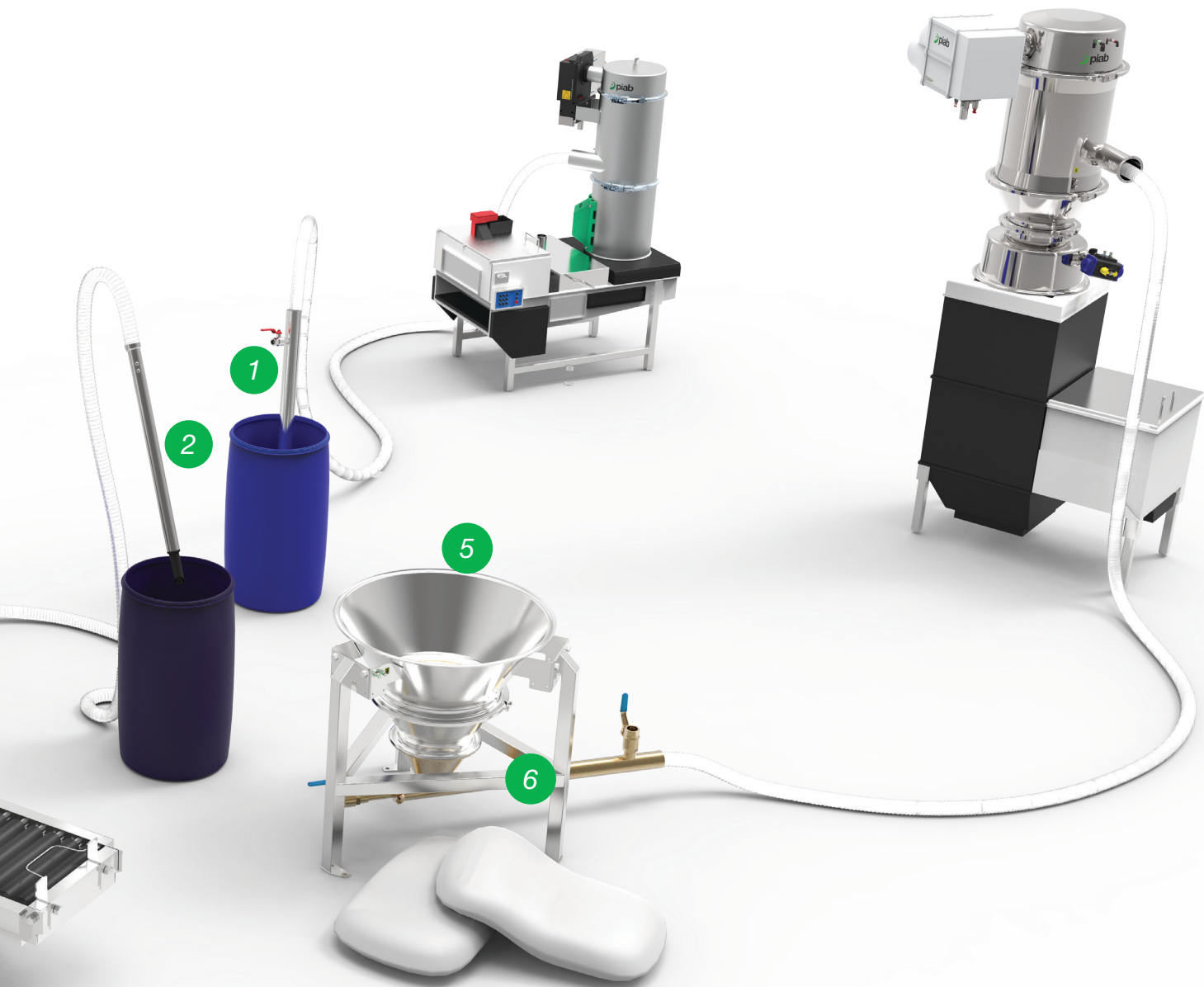
## Choosing a feed point



The conveyor is normally a part of a bigger system. It is very important that every part in that system is perfectly optimized, to complete a process line and to maximize productivity. The Piab feed point accessories are designed to optimize the performance of Piab vacuum conveyors. If you are transporting your powder from a barrel or plastic bag, then the suction pipes or the feed nozzles would be very beneficial.

When transporting from a bag dump unloader, Piab's feed station is the perfect fit. Piab feed adapters can be used with Piab's feed station as well as other feed stations.

What should be considered is to be able to optimize the production line, the characteristics of the product to be transported, the surrounding environment and choosing the right feed point into the conveyor.



We will guide you through these different applications and requirements.

- 1 **Suction Pipes** piFLOW®i/f. Best option when you need a light weight and ergonomically correct suction pipe. Used for material that is normally free flowing or granular. See page 7.
- 2 **Feed Nozzles** piFLOW®p/t. Great for challenging materials such as powder and granules. See page 8.
- 3 **Bag dump station** piFLOW®i/f. Thanks to the small bag unloader, it will increase productivity and at the same time, provide for a considerably better working environment. See page 4.
- 4 **Feed Adapter** piFLOW®i/f. Optimized to fit Piab's (piFLOW®i/f page 4) and other bag dump stations on the market. See page 6.
- 5 **Feed Station** piFLOW®p/t. Great solution for bridging or other challenging material as it is possible to have fluidization. See page 10.
- 6 **Feed Adapter.** Optimized for Piab's (piFLOW®p/t page 10) or other feed stations on the market. See page 11.

## Bag dump station for piFLOW<sup>®</sup>i/f



Thanks to the small bag unloader, it will increase productivity and at the same time, provide for a considerably better working environment.

- It will increase productivity as its internal volume is 3.53 ft<sup>3</sup> and can handle approx. 4 small bags at the time.
- It is a contained system due to the dust collector (sold by others) that prevents foreign material from entering the system. No dust from the conveyed product will reach the work area.
- Available with wheels to facilitate ease of movement.
- Get the exact features needed, as it is a configurable product.
- Possibility to choose a model which meets the requirements of FDA and EC No 1935/2004.

### Measurements

Description	Material batch volume, ft <sup>3</sup>	Height, in	Width, in	Depth, in	Weight, lb	Material
Bag dump station	3.53	62*	41.1	40.2	264	ASTM 304

\* Height with hood closed.



### Hood

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Hood for bag dump station.

### Grating

---

A great support for the bags when unloading.

### Bag dump station

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This part will store the product at the suction point.

### Shelf

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This shelf will act as a support for the bag while unloading.

### Wheel set

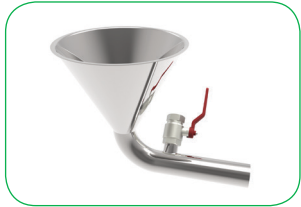
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Option to have wheels to easily move the bag dump station. Designed to add minimal addition to the build height. The wheels are also lockable to increase security.

## Ordering information

Description	Part no.
Hood	02.07.524
Grating	02.05.261
Bag dump station	02.05.272
Shelf	02.05.273
Wheel set	02.05.257

## Feed Adapter for piFLOW<sup>®</sup>i/f



Optimized to fit Piab's or other feed stations available on the market for the piFLOW<sup>®</sup>i/f. Main applications are free flowing material and granules.

- The valve adjusts the carrying air for transporting the material for an optimum flow.
- Made of pickled SS304 and has a Jacob interface.
- Available with material which meets the requirements of FDA and EC No 1935/2004.

### Ordering information

Description	Ø1.25"	Ø1.5"	Ø2"	Ø2.5"	Ø3"
Feed adapter piFLOW <sup>®</sup> i/f	02.02.889	02.02.895	02.05.111	02.02.901	02.02.904

### Accessories

Description	Part no.
Clamp ring 250 cpl, piFLOW <sup>®</sup> i	01.26.331
Clamp ring 250 cpl SS, piFLOW <sup>®</sup> f	01.28.990
U-shape seal ID=250 t=2mm, piFLOW <sup>®</sup> i	01.25.967
U-shape seal ID=250 t=2mm, piFLOW <sup>®</sup> f	01.28.998

# Suction Pipes for piFLOW<sup>®</sup>i/f



A great suction pipe when you need a lightweight and ergonomically correct suction pipe. Optimal for free flowing powder and granules.

- It has a ball valve to be able to add extra carrier air.
- To avoid sucking in bags, it has a small suction guard at the feed inlet.
- Made of pickled SS304.

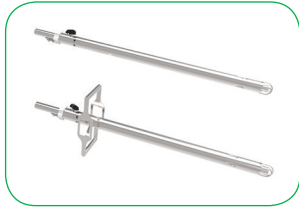
## Ordering information

Description	Outer diameter, in	Length, in	Thread	Part no.
Suction pipe 32	1.25	37.4	G3/8"	01.13.921
Suction pipe 38	1.5	37.4	G1/2"	01.26.075
Suction pipe 50	2	37.4	G1/2"	02.02.336
Suction pipe 63	2.5	41.3	G1"	02.02.347
Suction pipe 76	3	41.3	G1"	01.26.095

## Accessories

Description	Part no.
Hose clamp D=26-38	31.13.822
Vacuum filter G3/8" (10 µm)	31.16.671
Vacuum filter G1/2" (10 µm)	31.16.651
Vacuum filter G1" (10 µm)	31.16.672

# Feed Nozzles for piFLOW<sup>®</sup>p/t



Great nozzle for challenging materials since the air intake can be adjusted in many different positions. Optimized for powders and granules.

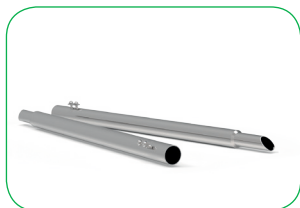
- The ergonomic handles improve the work environment for the nozzle operator.
- Provides for increased productivity and safety in the production area as there is a suction guard at the inlet that will prevent sacks, etc. from entering the pipe.
- It can be disassembled into small parts, making it easy to clean and to minimize downtime.
- Possible to ground for extra safety.
- Possible to add carrier air at the top and bottom of the nozzle to optimize the flow of material.
- Made of electro polished SS316L.
- Available with and without TC connection.
- Meet the requirements of FDA and EC No. 1935/2004.

## Ordering information

Description	Without handle		With handle		
	Ø25 mm	Ø32 mm	Ø38 mm	Ø51 mm	Ø63 mm
Feed Nozzle	02.02.675	02.02.612	02.02.617	02.02.633	02.02.636
Feed Nozzle TC	02.02.674	02.02.606	02.02.596	02.02.570	02.02.619



# Feed Pipe for piFLOW<sup>®t</sup>



One of the best solutions to convey tablets and capsules in the gentlest way from drums or IBCs.

- Its front end design will also increase the speed to convey the tablets/capsules.
- Possible to ground for extra safety.
- Available in antistatic material (black).
- For increased productivity it is designed to be very easy to clean.
- Made of SS316L.
- Meet the requirements of FDA and EC No. 1935/2004.

## Ordering information

Description	Outer diameter, in	Length, in	Part no.
Feed pipe 38	1.5	27.6	02.06.095
Feed pipe 38 Antistatic	1.5	27.6	02.07.170
Feed pipe 51	2	27.6	02.06.092
Feed pipe 51 Antistatic	2	27.6	02.07.167

# Feed Station for piFLOW<sup>®</sup>p/t



A great solution for feeding bridging and challenging materials as it is possible to choose a fluidizing function.

- The feed adapter has a good technical height providing extra support for bridging/challenging material. The feed adapter has two points where you can add extra carrying air.
- Its volume is 1.41 ft<sup>3</sup>.
- Made of electro polished SS 316L.
- Meet the requirements of FDA and EC No. 1935/2004.

## Ordering information

Description	Height, in	Outer diameter, in	Weight, lb	Part no.
Feed station, NBR	26.8	30.2*	51.1	01.17.673
Feed station, Q	26.8	30.2*	51.1	01.17.674
Feed station, fluidization, NBR	26.8	30.2*	56.2	01.17.675
Feed station, fluidization, Q	26.8	30.2*	56.2	01.17.676

\* Outer diameter includes feed station legs.

# Feed Adapter for piFLOW<sup>®</sup>p/t



Optimized to fit the feed station or a transition piece for the piFLOW<sup>®</sup>p/t. Great solution for bridging materials and relatively large granules.

- Gives a possibility to adjust the amount of carrying air in two places, especially good for challenging material.
- There are two interfaces that are available, the Universal flange and the Piab interface.
- Made of electro polished SS316L.
- Meet the requirements of FDA and EC No. 1935/2004.

## Ordering information

Description	G1/4"	G1/2"	G3/4"	G1"		G1 1/4"	G2"
	Ø1"	Ø1.25"	Ø1.5"	Ø2"	Ø2.5"	Ø3"	Ø4"
Feed adapter	02.02.837	02.02.838	02.02.816	02.02.825	02.02.827	02.02.844	02.02.845
Feed adapter TC				02.02.823			

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# No need to compromise



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