

# **FLEXIBLE SPIRALFEEDER TYPE PC/PS**



 **transitube®**



The transitube® flexible feeder can be used to transport any kind of raw material such as granules, powder, regrind or mixed materials. The specially treated steel spiral is driven by a 3ph-motor. The highspeed rotation of the spiral creates a ring of material which moves along in the feedingtube. This „transitube® phenomenon“ works only on a mechanical basis so the conveyed products, as well as the environment, are not subject to any air born pollution.

In combination with the specifically designed transitube® de-bagging units or different connection devices the spiralfeeder is used to refill machinery-hoppers, fillingmachines or simply to transport from point A to B.

Another advantage of the transitube® flexible spiralfeeder is the economical low power consumption. To transport an amount of 5000 l/h (approx. 6500lbs/h) the consumption is less than 2,1 kW.

The transitube® spiralfeeder is available in two versions.

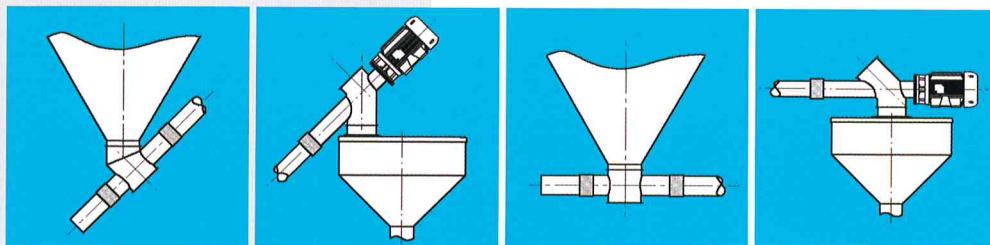
The PC model with an inlefflange is for being connected under a hopper, silo or any kind of discharging unit.

The PS model with the inletprobe is the insertion version for transporting directly from a bin or equal.

Both models are available in different sizes on a wide range of output capacity.

Please note:

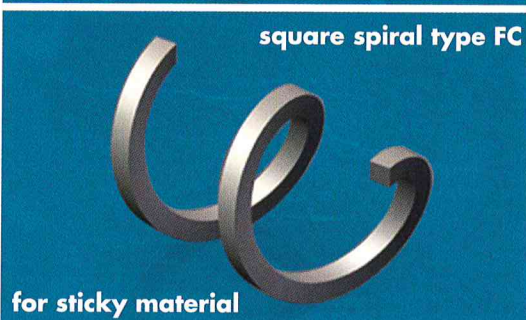
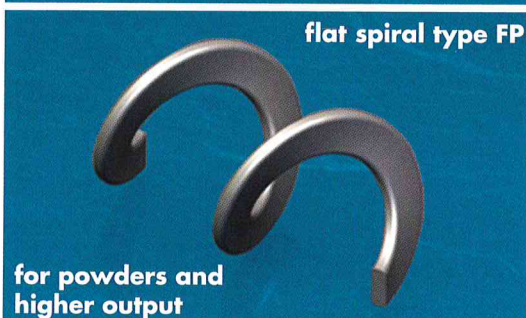
Due to the better intake geometry the capacity of the same size PC model is always 30% higher than with the PS version.



**transitube®**  
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Based on the special design, the inlet and outletflange **2** can be connected under a 45° angle or horizontally. With additional equipment other angles are also feasible.

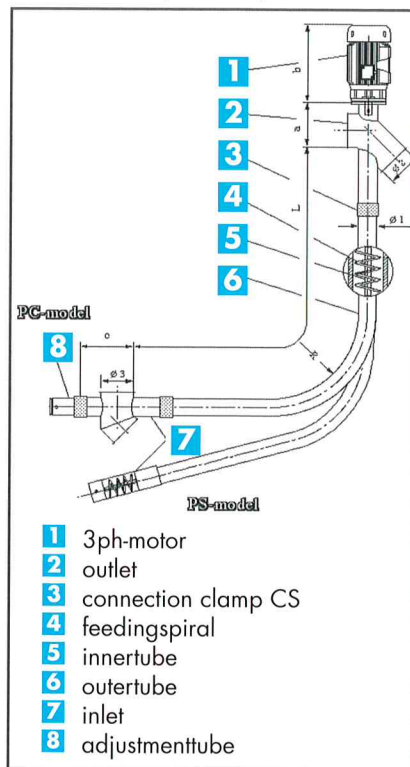
To connect the metal in- and outlet and the flexible PA-outer tube a special transitube® designed connection clamp **3** is used.

The material is transported by the rotating feedingspiral **4** without any air. This leads to a dust-free way of transport.

The innertube **5** protects the conveyor from material backflow and dismixing.

**PC-model:** The inlet **7** can be mounted under a hopper, silo, container or any kind of discharging unit by using the fast connection clasp ring.

**PS-Model:** With the inletprobe the conveyor can handle material directly from bins or containers. This model is also the right solution for taking regrind material directly from a grinder.



type	a	b	c	Ø1	Ø2	Ø3	R	max. PC	longch PS	KW	max. output
30PC	160	195	260	43	120/150	120/150	1,5m	12n	6m	0,37 - 0,75	0,3cbm/h
39PC	165	215	270	51	120/150	120/150	1,5m	20n	8m	0,75 - 1,1	0,6cbm/h
53PC	165	240	270	63	120/150	120/150	1,5m	25n	10m	1,1 - 1,5	2,5cbm/h
70PC	200	247	430	80	150	120/150	2,5m	25n	12m	1,5 - 1,8	5,0cbm/h
80PC	210	310	430	90	150	120/150	2,5m	25n	non	1,8 - 2,2	8,0cbm/h
100PC	260	450	480	110	200	200	3,0m	25n	non	2,2 - 3,0	12,0cbm/h