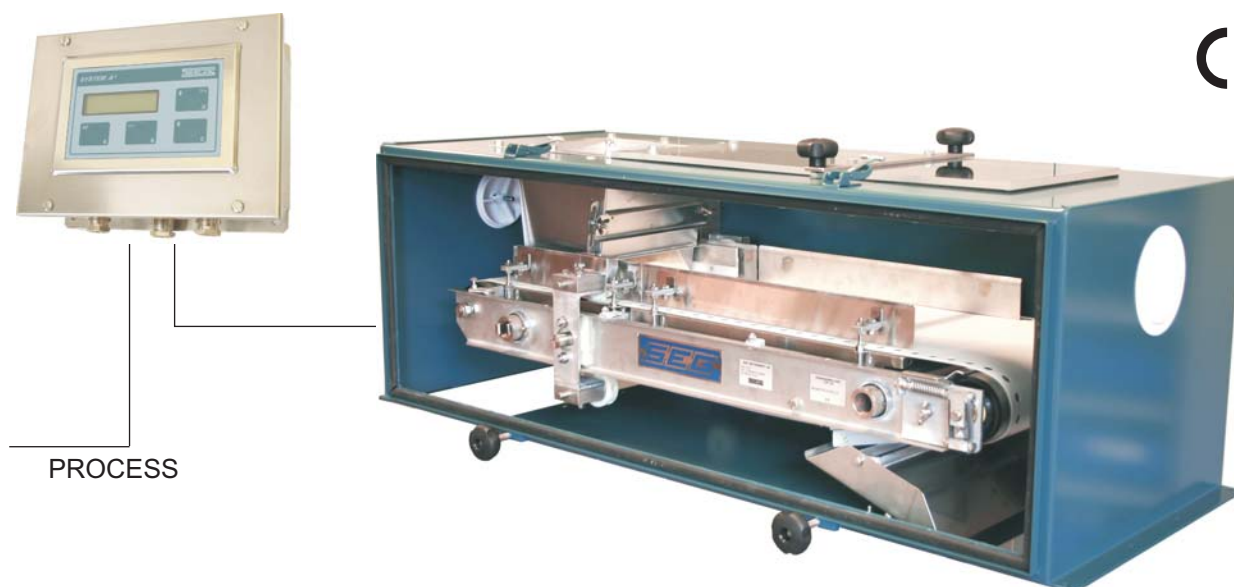




# WEIGH FEEDER FK-5

## WEIGH FEEDER FOR FLOW CONTROL



- Feed out and flow rate control of granules or powder from storage bins, silo's and other containers to process systems.
- Capacity from 150 to 10000 litres/hour.
- Stand alone or PC-surveillance for flow control or ratio control when using **S-E-G** belt weighing instruments.
- Unique design giving high accuracy with easy cleaning and maintenance.
- Enclosed versions and stainless steel versions as options.

The feeder operates according to a revolutionary principle. The material is pulled out of the hopper and pushed over the weighing area. The drive consists of two toothed wheels placed between the hopper and the weigh area.

The wheels drive the conveyor through slots in the belt, ensuring minimal tension at the weigh area and preventing sideways movement of the belt, eliminating most of the possible weighing errors.

### GENERAL DATA

Belt width:	Effective: 460mm.
Belt type:	Polyester fibre with PVC or urethane layer. Food quality.
Load sensor:	<b>S-E-G</b> loadcell KN-15 IP 67 (To be ordered separately, see spec. F31-16E).
Belt speed sensor:	<b>S-E-G</b> tachometer type F.
Belt cleaning:	Plow scraper on both sides of belt at the feed end.
Maintenance:	The feeder is placed on slide rails to enable it to be easily removed for maintenance.
Drive:	3PH 220/380 V 120 W, IP54, spur gear.
Accuracy:	Typically: 0.1 to 0.5 % of maximum capacity.



## CAPACITY AND CONTROL RANGE

Capacity	min.	kg/h	150
	max	kg/h	6000
		lit/h	10000
Control range	1:15		

These limits are for guidance only. Limits depend on the material specifications.

## DESIGNATION

FK - 5 -  -  -

Stainless steel parts or food industry approved nylon are always used for parts in direct contact with the weighed material.

## VERSIONS

Mounting version	-V:	Material fed from left to right, viewing from maintenance side.
	-H:	Material fed from right to left, viewing from maintenance side.
Material and protective coating	-BL:	Steel, blue 2-comp. coating with anodised parts.
	-SS:	Stainless steel, AISI 304.
Enclosure	-00:	Without enclosure.
	-0S:	Without enclosure. With hopper bracket in stainless (for version -BL)
	-L0:	Enclosure with opening door at one side, and window for inspection on top side at feeder front.
	-LS:	Enclosure according to -L0 in stainless steel, AISI 304.

Example: FK - 5 - V - BL - L0

## DIMENSIONS

