

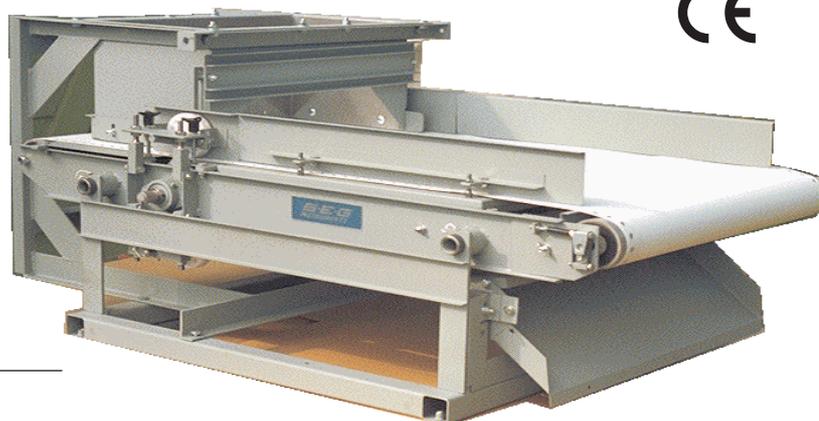


# WEIGH FEEDER FK-7

## WEIGH FEEDER FOR FLOW CONTROL



PROCESS



- Feed out and weight control of flows consisting of granulate or powder from storage bins to process.
- Capacity from 3000 to 30000 l/h.
- Stand-alone or PC-surveillance for flow control and totalizing with **S-E-G** weigh instruments.
- Unique design for minimizing maintenance, easy cleaning and high accuracy.
- Dust protecting enclosure and selectable feed direction(left to right or right to left).

The feeder operates according to a new principle. The material is being pulled out from the hopper and pushed over the weighing zone. This is being achieved by using two rows of holes, one at each side of the belt together with tooth-wheels that are placed between the loading zone and the weighing zone.

The tooth-wheels also grasps at the return side of the belt, in order to prevent the belt from sliding sidewise. This design takes care of the all known most common problems with beltweighers; belt tension variations at the weighing zone and belt sliding sidewise.

### GENERAL DATA

Belt width:	Effective: 660 mm.
Type of belt:	Polyester rowing with PVC or urethan layer. Approved for food industry.
Load measure:	<b>S-E-G</b> loadcell type KN-35, IP 67 (To be ordered separately, see spec. F31-16E).
Belt speed measure:	<b>S-E-G</b> pulse tachometer type F.
Belt cleaning:	Plow shaped waste scrapers placed inside/outside of belt at feeder front.
Maintenance:	The feeder rests on arms and may be extracted at one side from the console.
Motor drive unit:	Motor with gear transmission, 3 phase 230/400V, 250W, IP54.
Batching accuracy:	Typical: 0.1 - 0.5 % of set capacity.
Weight:	With enclosure: 210 kg.



# TECHNICAL DATA, WEIGH FEEDER FK-7

## CAPACITY AND CONTROLLING RANGE

Capacity	min.	kg/h	1000
	max	kg/h	10000
		lit/h	30000
Controlling range	1:10		

These limits are set as guidance, which depends on the weighed materials density and other specs.

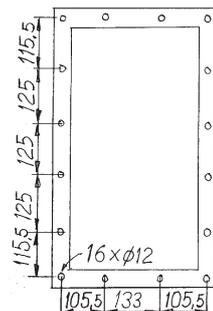
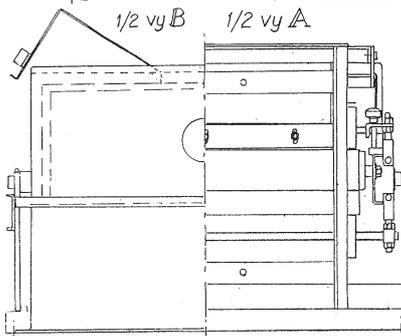
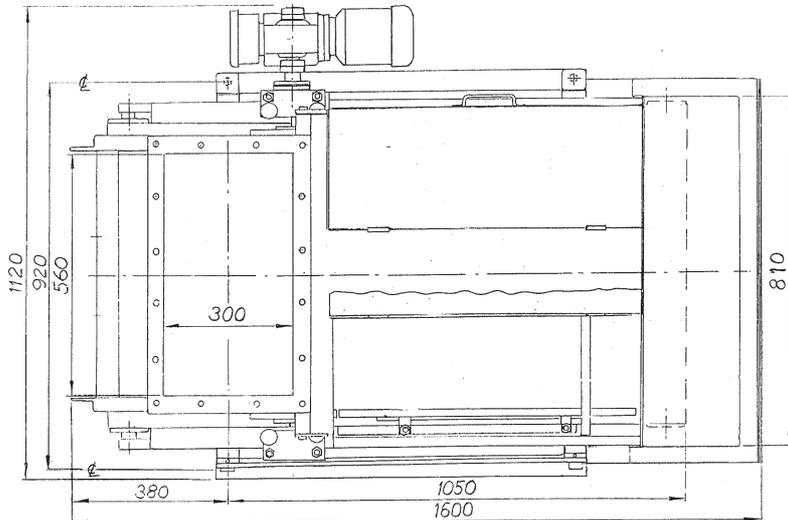
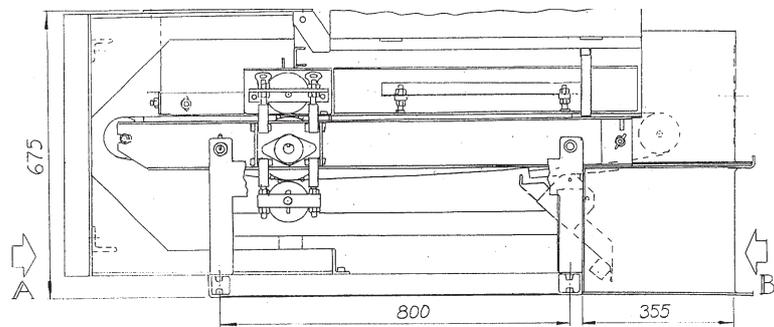
## DESIGNATION

FK - 7 -

## VERSIONS

- Mounting version -V: Material to be fed from left to right, view from maintenance side.
- H: Material to be fed from right to left, view from maintenance side.

Example: FK - 7 - V



Inlet flange  
DIN 24 193-2

