

# FEEDING DEVICE

## SP 6/18/24

### GENERAL

Brand	Cimbria
Designation	Feeding device
Model	SP 6/18/24
Use	Industry

Feeding devices or vibratory feeders are used for dosing, conveying or feeding of fine grained bulks with a capacity up to 30 m<sup>3</sup>/h.

### Structure and working principal

The main part of the feeding device is a drive unit with a mounted trough.

The drive unit consists of an electromagnetic drive and leaf springs to create a linear motion.

The electromagnet is controlled by a thyristor or a frequency control unit.

The capacity is changed by the control devices and could be adjusted step less during the process.

Rubber buffers on the bottom of the feeding device avoid transmission of vibrations to environment.

Feeding devices normally works on a low noise level with low maintenance and is able to operate permanent on max. capacity.

Technical data		SP6	SP18	SP24
Max. capacity <sup>2)</sup>	m <sup>3</sup> /h	2	13	30
Electrical connection		1/N/PE 230V 50 Hz <sup>1)</sup>		
<b>Trough dimension</b>				
Length [L]	mm	295	500	520
Width [B]	mm	110	250	250
Height [H]	mm	35	100	100
<b>Overall dimensions</b>				
Length [a]	mm	295	500	520
Width [c]	mm	110	250	250
Height [b]	mm	35	100	100
Net weight	kg	7	16	32

<sup>1)</sup> Also available for 60Hz or other frequency

<sup>2)</sup> Values refers to dry wheat with bulk density 0,8 t/m<sup>3</sup> and height of product layer 90% of H

Technical data can vary for certain of the above due to continued development or a different machine composition.

