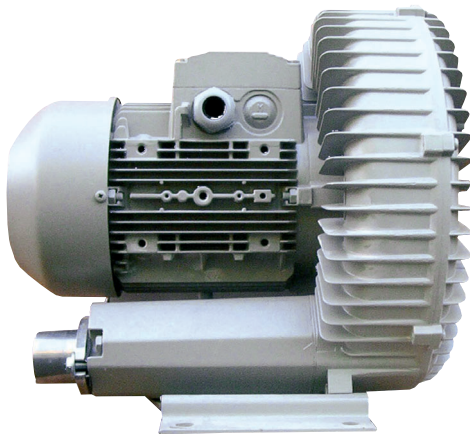
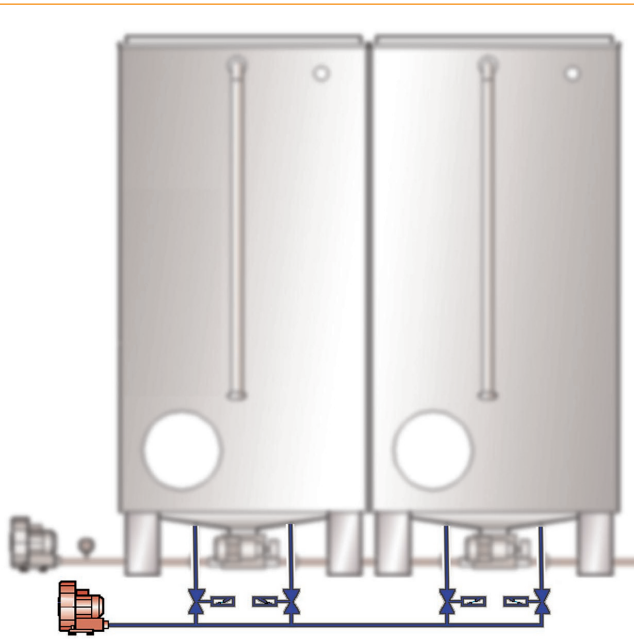


## Pneum. Bulking (for fluidised bed silos)



### Basic technical information

No of blowers:	1 – 2 units
Fluidised bed discharge:	plain or double fluidised bed inclusive
Suction filter:	inclusive
Power supply:	400 V / 16 A – 25 A or 230 V / 10 A
Pipe length up to 1st silo:	0 – 80 lfm
No of elbows:	0 – 30 units
Position of installation:	outside the silo room
Type of installation:	floor installation, wall brackets in aluminium, or wall bracket and elbow
Additional sound protection:	sound hood (– 20 dB) inclusive or exclusive
Continuous aeration facility:	inclusive or exclusive
Protection class:	standard IP54 or standard IP65 (high protection class)
Vibration absorber:	4 rubber pads

### Intended use

Pneumatic bulking (fluidisation of flour) for one to several fluid bed silos through an aeration pipeline.

### General function

The entire silo base is covered with a gauze that passes the air through and is subdivided in sectors.

The pneumatic bulking system adequately supplies the silos with oil-free compressed air.

The quantity and pressure of air are calculated based on the size and number of the silos.

The fluidised bed sectors are aerated alternately by butterfly valves. Small silos 2 times, large silos 4 times.

Therewith an extensive pneumatic bulking of the stored commodity is ensured.

### Construction

Maintenance-free side channel blower station in precise die-cast aluminium model of the Siemens brand with air suction filter and rubber pads as vibration absorber.

Blower sound absorber with aluminium pipe sleeve and pipeline and/or flexible tube up to the connector of the first silo cell.

The other elements of the pneumatic bulking (air butterfly valve) are integrated components of the fluidised bed silo.

Additional sound installation: sound hood (– 20 dB) inclusive or exclusive

Type of installation: floor installation, wall brackets in aluminium, or wall bracket and elbow

Continuous aeration facility: inclusive or exclusive

*Symbol pictures – technical modifications reserved!*