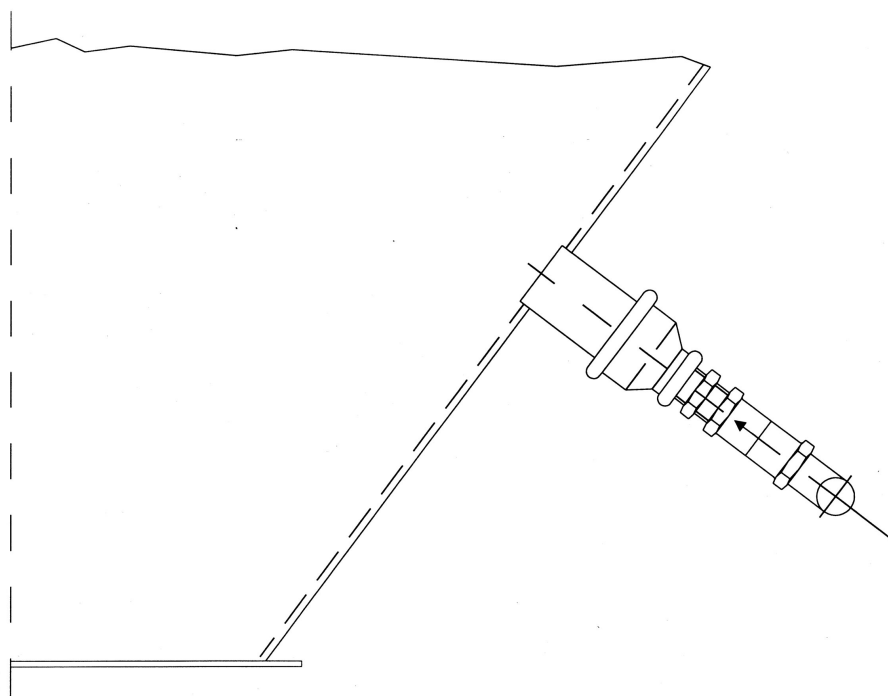


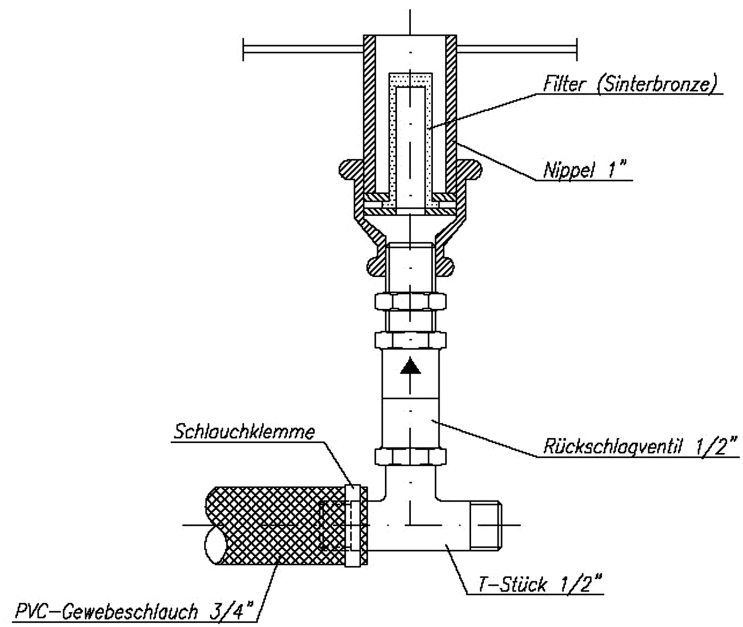
---

## AIR INJECTOR LOOSENING SYSTEM

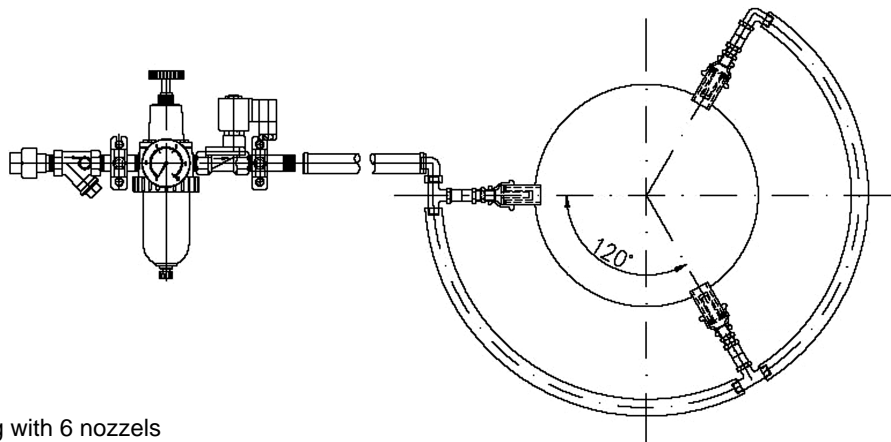
The air injector loosening system is used to fluidize lazy flowing, technically dry, non-sticky, powdery products. The advantage of the air injector loosening system is that the injectors are not located directly in the stream of bulk material and **can be replaced from the outside**. Use in a series of pulses while discharging material is recommended.

- 3, 4 or 6 special injectors with check valve, for installation into silo cone.
- Plastic reinforced tube, filter pressure reducing unit, assembled solenoid valve with mounting clamp for installation on silo cone or silo bracket
- The pre cleaned air is connected on site to the service unit with a suitable tube. The air flows through the oil and water separator into the pressure reducing unit which throttles the air pressure to the necessary level ( approx 0,5 bar).  
By activating the solenoid valve, the compressed-air flows through the plastic reinforced tube to the check valves, which are located directly in front of the air injectors, to finally fluidize the bulk material.
- With on site mounted maintenance unit.

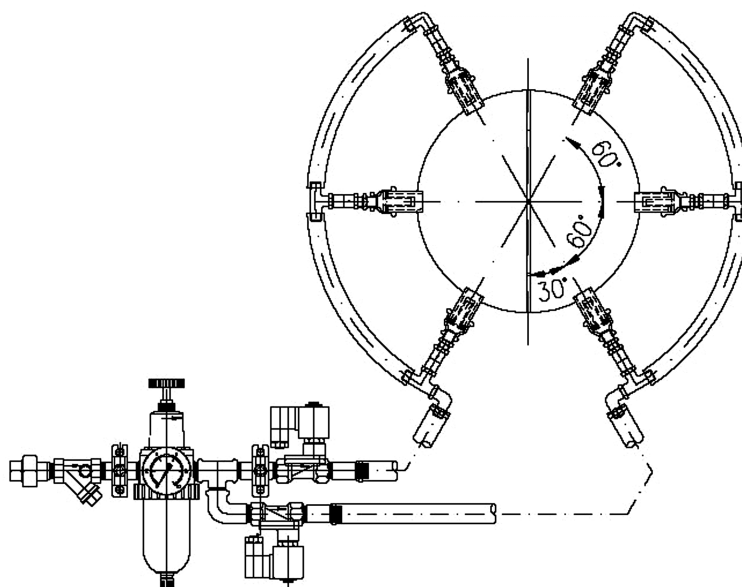




Example drawing with 3 nozzels



Example drawing with 6 nozzels



---

**Technical Data**

Number of injectors	3	4	6
Air consumption at 1,5 bar	150 Nltr. / min.		
Operating pressure	1,2 – 2 bar		
Volume flow per injector	ca. 50 ltr. / min.		
Max. temperature strain	80° C		
Number of magnet valves	1		2
Connector	G ½"		
Pulse duration	5 – 7 sec.		
Pause	ca. 10 sec.		
Air	Technical dry, oil and foreign substance free		
Voltage on magnet valve	230 VAC		

---