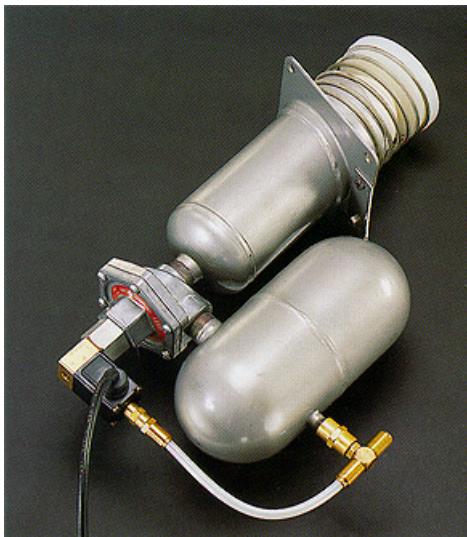


Pneumatic Hammer

*Ideal for mounting on
thin-gauge stainless steel
equipment*

- Easy to install
- Controllable impact effect
- Meets explosion proof standards



Pneumatic Hammer

The Niro pneumatic hammer is designed for mounting on spray drying chambers, cyclones, ducts, and any other thin-gauge stainless steel equipment.

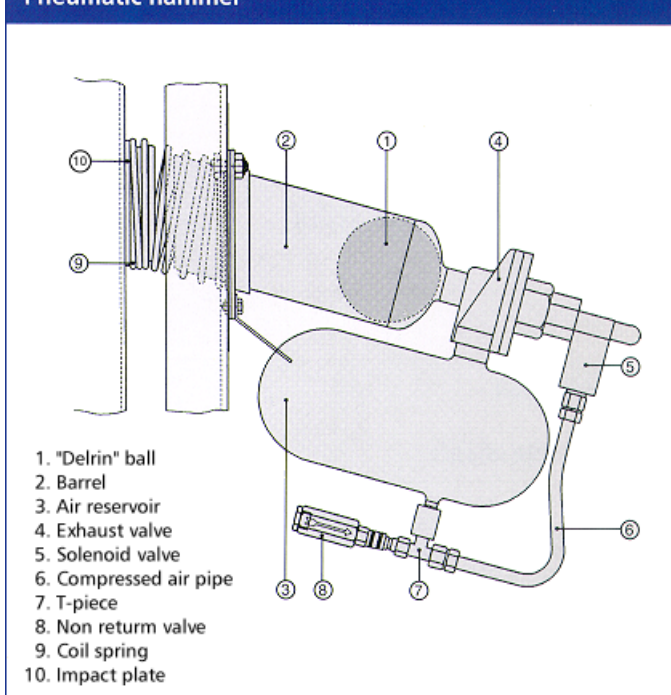
It is an ideal hammer, where mechanical assistance in the form of a short duration vibration is required to release surface product deposition. The necessary vibration is transferred to the thin-gauge metal surface via a teflon plate, which is impacted by a high velocity "Delrin" ball.

The pneumatic hammer is designed for long-life operation, having been proven to function continuously over periods of more than 1 million impacts without maintenance.

Mode of Operation

Compressed air propels the ball on to the impact plate, which is held in position by a spring. The force of impact is transferred to the surface requiring vibration to dislodge deposits. The frequency of impact is adjusted by the compressed air pulse rate. This is carried out electrically using a solenoid valve. The force of impact is controlled by the compressed air pressure supplied to the hammer, as adjusted by the pressure regulating valve.

Pneumatic hammer

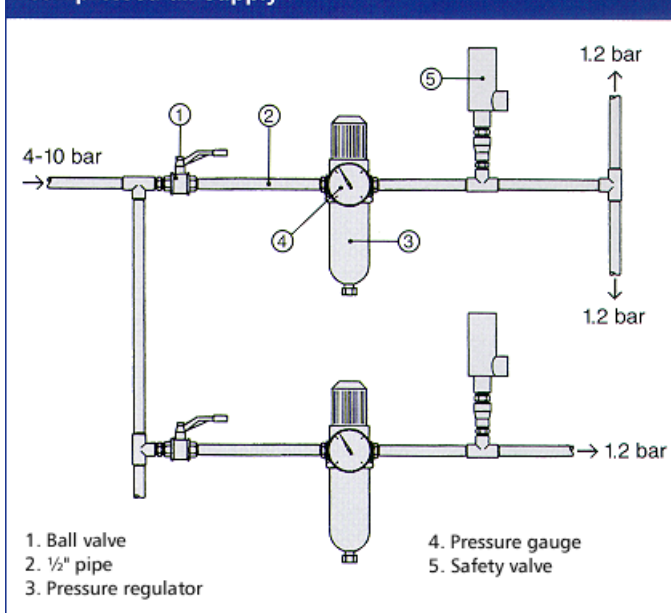


Technical Data

Weight:	5,7 kg
Material of construction:	AISI 304
Compressed air consumption:	2 liters/ball impact (20°C, 760 mm Hg) (oil free)

Noise level mounted on:	
- insulated spray drying chamber:	85 dB per stroke
- uninsulated cyclone:	95-105 dB per stroke

Compressed air supply



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