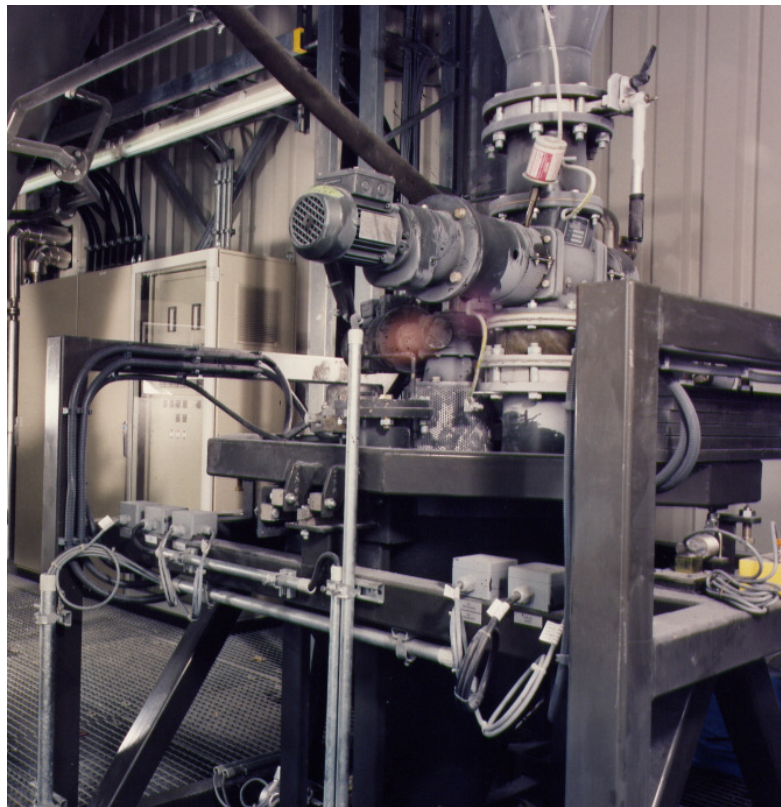


Metering with differential metering scales in pressurised system

Objective:

- Product transfer from vacuum system (-140 mbar)
- Buffering of the material
- Transport to the scale by pneumatic conveying and blow sluice gate
- Continuous metering by differential metering scales vacuum system (-130 mbar) with pressure peaks up to +40 mbar
- High accuracy of metering despite pressure fluctuations
- Plant control with tied to process control system by fibre-optic lines
- Planning, delivery, assembly and commissioning "from one source"



Technical specifications:

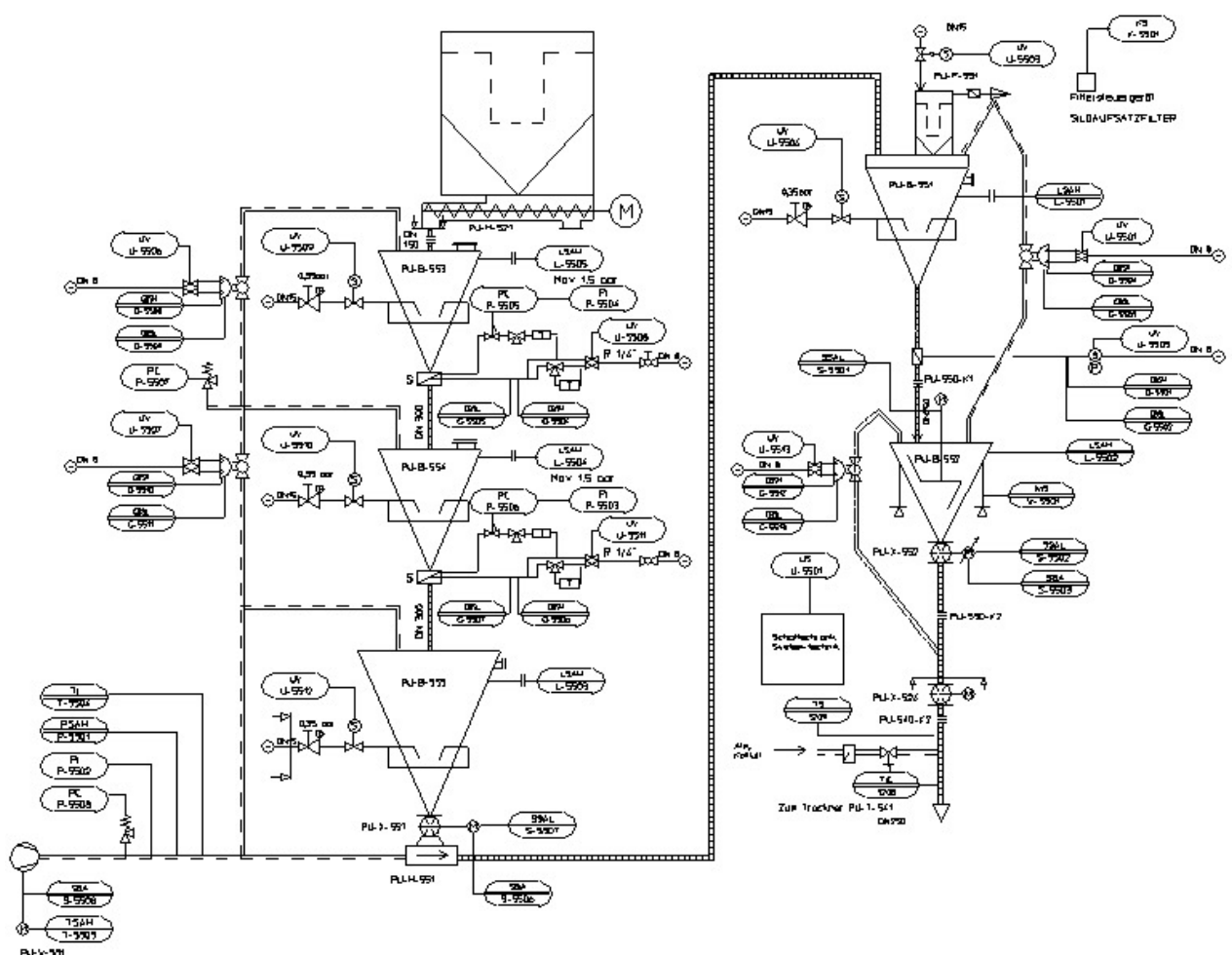
- **Product:** poorly flowing
- **Bulk weight:** 0.2 – 0.8 kg/dm³
- **Metering rate:** 32 kg/hr – 190 kg/hr
- **Conveying route:** 13 m vertical / 18 m horizontal
- **Product temperature:** 150 °C
- **Pressure at the metering device:** max. -130 mbar vacuum with pressure peaks up to +40 mbar
- **Dust-explosive risk areas:** Dust-ex zone 20/21

Your ADVANTAGES:

- More accuracy due to the hybrid construction of the scale mechanics
- Integration into existing plant
- Low-pulsation metering by employing a special rotary airlock
- No interface problems because everything is "from one source"
- Operational reliability thanks to tried and true components
- Fully automatic sequence
- Application of components optimised to the objective

Your BENEFITS:

- Quality improvement of the end product by reliable metering that is precise to the set-value
- Less cost due to optimised raw material consumption
- Quick realisation due to optimal cooperation with the operator



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