



Batching tank for coatings

Reliable

Reliable level measurement despite extreme temperature changes

Cost effective

Accurate measurement even in small tanks

User friendly

Sensor removal during tank cleaning not necessary

Level measurement in the coating batching tank

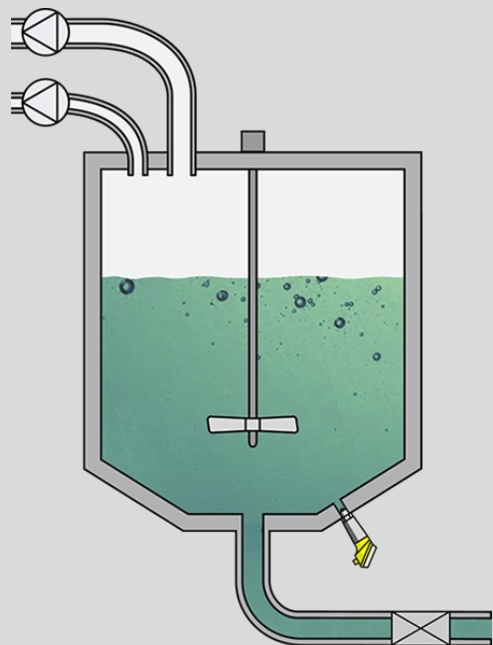
The press rolls are cleaned during product changes or shutdowns of the paper machine and then treated with a special coating agent. This protects them from adhesions and deposits that could cause the paper web to tear or split in the machine. The coating agent is mixed with hot water in a batching tank at a temperature of 50 °C, and pumped to various points in the machine. To maintain automatic operation, the level in the batching tank must be measured and the filter status monitored continuously.



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Hydrostatic level measurement in the batching tank

- Rapid temperature change is compensated by oil-free ceramic measuring cell
- Small measuring ranges for accurate measurement even with very low levels
- Particularly robust, not affected by mechanical cleaning





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Measuring range - Pressure

-1 ... 60 bar

Process temperature

-40 ... 130 °C

Accuracy

0.3 %

Materials, wetted parts

PVDF

316L

Duplex (1.4462)

Ceramic

Threaded connection

≥ G½, ≥ ½ NPT

Hygienic fittings

Clamp ≥ 2" - DIN32676, ISO2852

Clamp ≥ 1" - DIN32676, ISO2852

Clamp ≥ 1½" - DIN32676, ISO2852

Slotted nut ≥ 1½", ≥ DN40 - DIN 11851

Slotted nut ≥ DN25 - DIN 11851

SMS DN38

Hygienic fittings ≥ DN25 - DIN11864-1-A

Hygienic fittings ≥ DN40 - DIN11864-1-A

Varivent N50-40

SMS DN25

Ingold connection PN10

Varivent F25

Seal material

EPDM

FKM

FFKM

Housing material

Plastic

Protection rating

IP66/IP67

IP65

Output

4 ... 20 mA

Three-wire (PNP/NPN, 4 ... 20 mA)

IO-Link