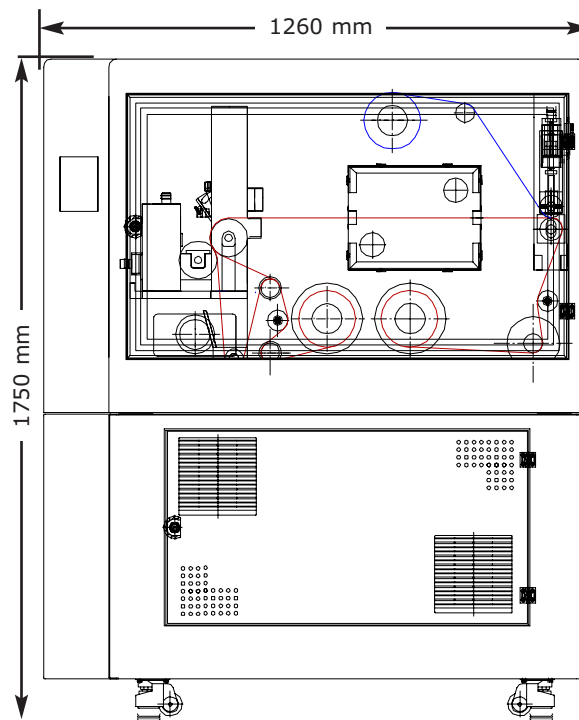


Coatema - Smartcoater

→ The Smartcoater - for small R2R trial runs!



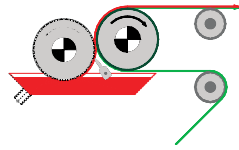
→ The Smartcoater Facts

- ✓ Continuous R2R coating, printing and lamination in one unit
- ✓ Size 1260 mm – 850 mm – 1750 mm (LxWxH)
- ✓ Working width = 100 mm, $V = 0,1 - 1 \text{ m/min}$, $F = 10 - 250 \text{ N}$
- ✓ 5in1 application system – knife / dip / engraved / slot die / micro roller
- ✓ EEx layout and 300 mm electrical heated air dryer, 9 kW max.
- ✓ Dryer temperature: max. 235 °C
- ✓ Unit can run backwards – easy to use for small test runs
- ✓ Tension control system with load cell and Siemens S7 system
- ✓ Unwinding and rewinding motor driven and tension controlled
- ✓ Enclosure – Glove box option
- ✓ Switch cabinet included in the frame
- ✓ Power: 400 V / 50 Hz / 32 A

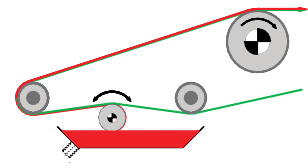
→ Customer Benefits

- ✓ Small scale R2R unit - easy to use
- ✓ Small amount of inks being used - less trial cost
- ✓ Reproducible results - scalable R&D
- ✓ Runs backwards - multilayer in a short time
- ✓ EEx operation on small scale
- ✓ Fits in a standard glove box
- ✓ Can be operated in nitrogen atmosphere

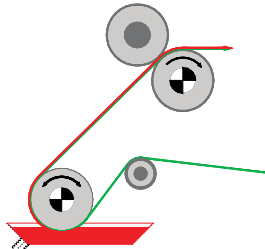
→ Application Systems



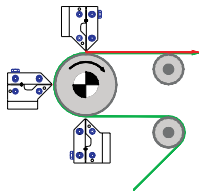
Engraved Roller System



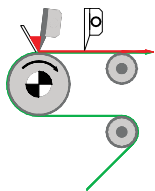
Micro Roller System



Dipping System



Slot Die System



Knife System



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