

INDUSTRIAL SCALE R2R UV-IMPRINTING

OFFERING

Fofox is offering services as a professional contract coating partner to many chemical companies in Europe. We are used to manufacturing materials in large volumes. This includes all steps of sourcing of raw materials, warehousing, preparation of large volumes of lacquers, coating to roll based materials, quality control, converting, packaging and exporting. Fofox is operating production plants in Seewen (Switzerland, incl. UV-Imprinting), Köln (Germany, incl. OCA coating) and Erlangen (Germany).

Fofox is highly experienced in up-scaling of third party processes to R2R lines. We are operating a 600 mm pilot line that allows intermediate volumes to be produced before the full quantities are required. The step from our pilot to the large machines (up to 1700 mm) is then often a well predictable step with reduced risk in face of the costs involved for larger volumes of raw materials and larger master tools!

So, yes, Fofox is providing those large R2R machines that you need for efficient production, but more important still, also a good team that can scale-up your process and get you holding your first fine materials in your hands before your budget is burned. Confidentiality and a professional code of business conduct are taken seriously. Get in touch for more detailed information: info@fofox.com

OFFERING SPECIFICATION UV-IMPRINTING

- 2 Coating machines with UV-imprint stations available:
 - pilot line up to 600 mm patterned width
 - production line up to 1600 mm patterned width
- ISO class 7 clean-room environment for R2R UV-imprinting, coating and for converting.
- Coating stations: reverse-roll, wire-bars, slot-die, kiss coating.
- Lacquers: Aqueous, solvent and 100% lacquers, Fofox's own lacquer technologies or customer's lacquers can be used, wide range of thicknesses.
- UV-sources: Hg lamps (others on request)
- Lamination: PSA-lamination (1600 mm, 600 mm), UV-lamination possible (1500 mm, 600 mm)
- Substrates: Transparent films in max. 1700 mm width and max 250 um thickness (boPET, PC and PMMA thicker up to 1000 um), priming on site possible. Thermostabilization on site possible.
- Web speed: 1 - 10 m/min and 7 – 70 m/min
- Pre-Treatments: Corona treatment, primers (plasma on request)
- Inspection systems: inline coating weight control system, inline point and line defect scanner with automatic marking

