



Leybold Optics CAPone

High-technology roll-to-roll vacuum system
for film capacitors metalizing

Features

- Innovative and reliable technologies for a wide matrix of structured and specialized R2R metalizing applications.
- System flexibility and customized adaptations.
- Best productivity.
- Best product quality, by 100 % quality control, using Bühler's high-end sensor technologies, such as DISS Dual In-Situ Sensor 2.0 and PCC Pattern Control Camera 2.0.

Productivity

- Annual output 900 [t] up to 1.800 [t].
The range of productivity represents a wide matrix of different processes.

Wide range of coating applications



Power & Smart Grid



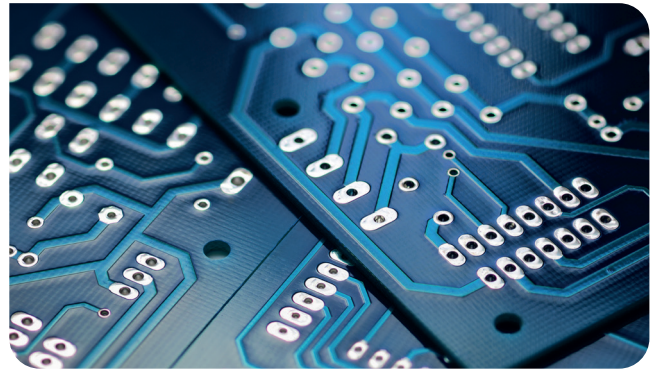
Automotive

Applications

- Economically mass production of film capacitors.
- Processing of different base materials - (B) OPP smooth / hazy grades and PET, in a wide range of width and thicknesses, such as Ultra-Thin and standard thicknesses.
- Versatile layers and layer-stacks can be deposited, such as pure aluminum (Al), standard aluminum / zinc (Al / Zn), high-ohm aluminum / zinc-heavy edge (Al / Zn-HE) and silver / zinc (Ag / Zn).
- All the previous layers and layer-stacks can be combined with high-precise segmentations, using pattern printing technology based on flexography.
- Special applications using high performance process stations, such as zinc oven, special dedicated to high-ohm layer-stacks Al / Zn-HE with a minimum contamination of the active area with zinc <3 % or protective oil evaporator based on flash evaporation to limit capacitance loss.



Power Factor Correction



Electronic Circuit Boards



Renewable Energy



Bühler Alzenau GmbH

Business Area Leybold Optics
Siemensstrasse 88
D-63755 Alzenau, Germany
leyboldoptics@buhlergroup.com

