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Thin Film Coating Solutions by Manz including turnkey CIGS fab for PV modules

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Manz company is established as one of the leading equipment supplier for Photovoltaic production industry for crystalline Silicon modules as well as for thin film based PV modules. Other activities are in the field of FPD and Li-ion-Battery production equipment.

Manz AG took over the Würth Solar production facility for CIGS based thin films PV modules in January 2012 as innovation line for further improvement of module quality and productivity in order to reduce production costs to be competitive now as well as to stay competitive in the future with further upgrading with this most promising thin film technology. Manz is offering turnkey lines based on CIGS technology offering a competitive solution even in a dynamic and actually difficult market ambient. In the meantime Manz is offering about 80% of capex share from inhousesolutions.

High level vacuum deposition equipment is delivered by sister company Manz Coating GmbH / Karlstein. Techniques like sputtering, thermal evaporation and PECVD for special application like CIGS, crystalline Silicon and FPD for a variety of materials are offered.

The presentation will show the turnkey solution for CIGS fab, other single equipment based on various machine platforms and materials.

Keywords

CIGS

Photovoltaic