

Three segments of Oerlikon successfully participated at the EU PVSEC

## **Oerlikon strengthened position in the solar market**

***Valencia (Spain), September 10, 2010*** – At the 25<sup>th</sup> European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC) Oerlikon strengthened its position as a leading equipment supplier to the growing solar industry. The trade fair took place in Valencia, Spain, from September 6 - 9. At the show, Oerlikon Solar launched the new ThinFab production line for thin film silicon modules; Oerlikon Vacuum presented its brand new DRYVAC pump platform; Oerlikon Systems exhibited together with its partner Meyer Burger the new SOLARIS machine for crystalline solar cells. The leading technology position of Oerlikon got once again proved with two Solar Industry Awards Oerlikon could achieve.

Due to several important product launches this year's solar show in Valencia marked a milestone to the Group:

- Oerlikon Solar launched its new production line ThinFab with a record breaking cost level of EUR 0.5 per Watt peak (Wp), a module efficiency of 10 percent and a stabilized module performance of 143 Wp. At the same time, the segment highlighted future potential of the thin film silicon technology with a champion cell of 11.9 % efficiency which marked another world record.
- Oerlikon Vacuum presented its new DRYVAC pump platform which was launched just recently to the market and gained immediate strong market interest. With up to 30 percent less energy consumption, a considerably decreased space requirement, significantly reduced noise level and its modular design, DRYVAC is in ideal and highly efficient vacuum solution for all solar production processes. “Based on this platform we will expand step by step the DRYVAC family offering a comprehensive solution packet to the solar industry,” commented Andreas Widl, CEO of Oerlikon Leybold Vacuum.
- Together with its partner Meyer Burger, Oerlikon Systems exhibited the SOLARIS, an advanced PVD sputter system. SOLARIS is an optimal production

solution for front and backside coating of crystalline silicon solar cells. Its multi-layer capability allows coating on the front and backside. Its strikingly small footprint and easy integration into existing production lines give SOLARIS a remarkably low cost of ownership.

The leading technology position of Oerlikon got once again proved with two Solar Industry Awards the Group could achieve and which were handed over at the EU PVSEC. The business unit Oerlikon Systems with their new equipment SOLARIS was the winner in the "PV Tool Award" category. "We are proud that after only 12 months on the market, our SOLARIS production tool won the solar industry's most prestigious award for innovation and technological excellence in a production system", said Andreas Dill, Head of Oerlikon Systems and CEO Oerlikon Advanced Technologies. Oerlikon Solar has been named winner of the Thin Film Innovation Award 2010 for its next generation KAI MT, which is a key component in the new ThinFab production line. "With the introduction of our new ThinFab we regained cost leadership in the solar industry. I'm convinced that this will change the perception of thin film silicon. With ThinFab we are definitely back in the game," stated Juerg Henz, CEO of Oerlikon Solar.

For further information, please contact:

<p>Burkhard Böndel Corporate Communications Phone +41 58 360 96 02 Fax +41 58 360 91 93 pr@oerlikon.com www.oerlikon.com</p>	<p>Sven E. Jarby Head of Marketing &amp; Communications Oerlikon Systems T +423 388 4878 F +423 388 5426 sven.jarby@oerlikon.com www.oerlikon.com</p>
<p>Christina Steigler Oerlikon Leybold Vacuum Communications Phone +49 221 347 1261 Fax +49 221 347 1083 media.vacuum@oerlikon.com www.oerlikon.com/vacuum</p>	<p>Patrick Milo Oerlikon Solar Communications Phone +41 81 784 49 60 Fax +41 81 784 65 44 communications.solar@oerlikon.com www.oerlikon.com/solar</p>

## **About Oerlikon**

*Oerlikon (SIX: OERL) is a leading high-tech industrial group specializing in machine and plant engineering. The Company is a provider of innovative industrial solutions and cutting-edge technologies for textile manufacturing, thin-film coating, drive, vacuum, solar energy systems and advanced nanotechnology. A Swiss company with a tradition going back 150 years, Oerlikon is a global player with around 16,000 employees at 157 locations in 36 countries and sales of CHF 2.9 billion in 2009. The Company invests more than CHF 200 million annually in R&D, with over 1,200 specialists working on future products and services. The operative businesses rank either first or second in their respective global markets.*