

iMID 2018

August 28 - 31, 2018 / BEXCO, Busan, Korea



Company Name	DCN Co., Ltd.		
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Exhibitor Introduction	<p>“Our Goal, Our Passion, Our Solution.”</p> <p>DCN Co., Ltd. was established in 2007 pioneering by developing Roll Printer as an equipment of Gravure Offset Printing Unit for the first time in Korea and the various printing process equipment in order to provide the best quality products, services and complete solutions to the customers.</p> <p>The company has become a specialized company in the field of printed electronics industry.</p> <p>To meet the requirements of this age and market environment, DCN Co., Ltd. has been developing various printing process equipment including Roll Printer, Table Slot Die Coater, Thermal Roll Imprinter, Screen Printer, and Bar-Blade Coater accumulating technical know-how and also producing and incorporating Roll to Roll continuous process system applied pilot equipment and for the mass production system with growing into a company of present and future industry.</p>		
Exhibit Description	<p>DCN developed Slot Die for Coating Equipment by own technology and delivered it to domestic large corporations and national research institutes and we have contributed to the localization of Slot Die which rely on imported goods. In addition, we have developed a low-cost and reproducible experimental coating equipment using accumulated technology such as slot die design technology, control technology, and post-processing technology and supplying it to domestic and overseas markets. We are gradually applying slot die technology to R2R coating equipment for pilot and mass production and expand the market application.</p> <p>Micro Gravure technology enables precise control of speed with synchronous speed control technology of driving shaft, so precise thickness control and reproducible coating can be done in various conditions. We have also developed equipment for the micro gravure double-sided coating process through accumulated know-how.</p>		

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Exhibit Product

1. TABLE SLOT DIE COATER

Sheet type table coater with selection of Slot Die, Bar, Dr. Blade.
Excellent of reproducible and repeated test.
Minimize vibration with using linear stage.
Motorize to monitor for accurate Slot Die height in 1 μ m increments.
Built in syringe pump and recipe storage function.

2. LAB SLOT DIE COATER

Lab optimized Slot Die Coater / Sheet Type.
Small footprint.
Save for material and economic efficiency by Slot Die miniaturization.
Improve thickness uniformity by Slot Die height adjustment by 1 μ m for thin film.
Customized production with the various options.

3. LAB R2R COATER

The most practical feasibility test for a process design.
Compact size for small footprint.
Cost and material saving by Slot Die miniaturization.
Customized production with the various options.
Options : Hot Air Dryer, IR Heater, UV Cure, Laminator, etc.

4. MULTI ROLL PRINTER

Various processing test / Gravure Offset, Plater Offset, Gravure, Blade Coating.
Easy to select manual and automatic functions for user's convenience.
Adjustable thickness with speed & pressure.
Excellent of reproducible and repeated test.