Fameccanica Life+ Newsletter



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Cidpex 2014 Exhibition and Conference

Fameccanica Life+ Project at Cidpex, Chengdu, China



Last May 14-16, Fameccanica caught the opportunity of Cidpex event to present its Life+

project in China at the International Exhibition & Convention Center, in Chengdu, Sichuan province.

The Cidpex **exhibition**, organized by the China National Household Paper Industry Association (CNHPIA), is recognized as the global largest event targeted to tissue paper/disposable hygiene products business in China.

In 2014 it became the largest tissue paper and disposable hygiene

products exhibition in the world, with about 66.000 m² exhibition area, 600 Exhibitors, welcoming 20.000 among domestic and overseas professional visitors.

On May 14-15 it also hosted the Cidpex **conference**, with 41 high level speeches divided into two themes: tissue paper and disposable hygiene products.

At this venue, Fameccanica presented its Life+ project. The project first achievement - the glueless lamination of back ears with Fameccanica machine model FLS - was presented, plus a selection of key recent innovations for the hygiene industry.



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| | CIDPEX | '2014 CC | INFERENCE PROGRAM |
| | The second secon | -10-11-000-00 | |
| Afternoon, 9 | lar 14, 2014 Moderator Nr. Fang Yu | | The second second second |
| 12:00-13:30 | | 15:00-16:00 | Introducing Advanced Advance Technology |
| 13:30-14:00 | | | Hill Fuller (China) Ashesives Co., Ltd. |
| | | 16.35-17.00 | Partial Contention of the Srand and the Textenday |
| 14:00-14:30 | | | Application of New Archaectura and Decolorizate Technology to Personal Health Care Products |
| | | | Shanghai World-Prospect Chem Yech Co., Ltd. |
| 14/30/16/10 | Acquisition Rate and Vertex number: Do They Committed | 17.00-17.30 | Bluff Fully Feders Treads and Opportunities in Dista Popy Management Consulting |
| | BASE (China) Co. Ltd. GBA Too Break | 17:30-18:00 | Reducing Floff in Core: Approaches, Testing, and histomorph Consideration, basis (Shargha) Management Co., Ltd. |
| | | | |
| 830-900 | Wolcome Tea | 10:10-10:30 | GSA Tee Breek |
| 900-930 | Chinese Chaposalde Hygiane Products Changes | 10:30-11:10 | The European Hygiene Products Warket: Main. Developments and Trends |
| | China National Household Paper Industry Association | | EDANA PROPERTY AND THE |
| 9:30-10:10 | The "War on Wipes" in the U.S. and How INDA: | 11:10-11:40 | Stear to Make Chapters Nove Dry and Comfortable Energies Ferrigo Noveyor Co., Ltd. |
| | Members are Handling II PADA | | Company of the State of the Sta |
| - | fay 15, 2014 Moderator Mr. Jiso York | | THE RESERVE OF THE PERSON NAMED IN |
| | Welcome Ton | 16.03-10:10 | Performance Regardenents and Problems Solvin |
| | A Second Second Section for Early New York Production | | of Compound Film for Hygiene Products Foster Narpac Advanced Material Co., LSS. |
| 1000 | Barer Engineering Works, Inc. & Sherresh Automation U.K. | 16:35-17:00 | The Effective Way to Actions Saving in Potential Cost Not Melt Adhesive Costing Application |
| 14:00-14:30 | | | in Low Temperature Domosum CO-MO Advenies Co. 135 |
| | GDM S.p.A. hally COESIA Group | CONTRACTOR : | Dow Offerings Enable Your Product Upgrade |
| 54.30-15:00 | PSG Tachnology (Sepreg) Co. LM. | | |
| | A Patented Hotman System Technology with No- | 17:30-18:00 | |
| | Taris, No-Blocking and Charfine Design TechAdreson Systems LM | | Key Report Innovations for the Disper Industry Famoccanics Machinery (Shangha) Co., Ltd. |
| 19:30-19:00 | Consumer Changes for Packet of Wel Wipes and Regional Competition Landacape | | |



17:30-18:00 Fameccanica "Life+" Project for Cost Saving in Diaper Production Processes and Fameccanic Key Recent Innovations for the Diaper Industry Fameccanica Machinery (Shanghai) Co., Ltd.

Fameccanica topic at the Cidpex conference



Photo of the test stands that will be used for the second phase of glueless ADL application, after relocation in the new R&D area

Recent update on relocation of test stands in the new R&D labs

To guarantee an adequate achievement of the R&D activities, Fameccanica has planned an improvement of its test capability in the R&D labs.

For this reason, an additional area of the Company has been made available for the relocation of the labs, with capacity for four or more test stands.

In June 2014, the first test stand has been installed. It is right the one dedicated to the Life+ project for the second phase of glueless ADL application.

It has the capability for the complete ADL processing and its assembly on a diaper absorbent core.

Glueless elastic application

Fameccanica has started the qualification of its glueless application of elastic strands.

The objective of this project phase is to make available a proven technology capable to fit the real production conditions and requested speed of Fameccanica high performance converter, as well as a comparative test of final samples vs. traditional gluing technology.

After the initial project stage aimed at analyzing the physical properties and behavior under tension of commercially available elastic strands for baby diapers, the technical solution for the sealing was defined and finally the project delivered the units for the lab test and started the real qualification phase.

The initial lab test demonstrated that it is appropriate to realize this type of application at the target performance. Also, the comparative tests of product performance vs. traditional



The Fameccanica lab test stand for glueless elastic strands application







Details of process and samples with glueless elastic application

technologies shows that the glueless solution offers equivalent results in terms of tension-elongation of the final diaper element assembly and an improved behaviour in the aging test (oven test).

The final engineering phase has now started to make this technology available for the Fameccanica high performance converter in the next future.