

PRESS NEWS

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Trade Show NPE 2012, Orlando, FL. USA

Surface Technology: The Power of Plasma

At the NPE 2012 Plasmatreat North America and its recently acquired Californian subsidiary PTS will join forces in a 900sqft booth presenting their respective plasma technologies for a green, fast and highly effective treatment of plastics surfaces.

Plasmatreat, the international market leader in *atmospheric pressure* plasma-jet technology and the *low pressure* plasma specialist PTS Plasma Technology Systems use this year's NPE for their first combined trade show appearance in North America. Each company will present its own latest technological developments and product innovations.

Plasmatreat will show a newly developed entry level system. The modern, light-weight designed *Junior 500* is a small yet powerful unit for fast and less than complex surface treatment processing. Whenever customers' applications become more challenging, Plasmatreat offers paths to more advanced plasma technology systems to meet the new requirements. Additionally, booth visitors can witness the functions and operation of the exclusive and patented rotational plasma jet. If interested, visitors will be given the chance to perform plasma treatment on hard to bond PP components by themselves, i.e. boosting the surface's energy and wettability.



Patented atmospheric plasma rotation jets for large widths and smooth treatment are an exclusive feature with Plasmatreat units. (Photo Plasmatreat)

PTS introduces the first specimen plasma system as part of the newly launched *Aurora* vacuum plasma unit series. Here visitors can experience the introduction of an impressive example of modern industrial design and engineering. The multiple awarded designer office is Braake Design, Stuttgart, who belongs to the top 10 industrial designer groups in Germany. Mrs. Mikki Larner, VP Sales and Marketing, PTS, will be presenting the versatility of this new system at the NPE Technology Theater.



Impressive industrial design: The aesthetics of the housing of the new PTS vacuum plasma system are eye-catching. (Photo Plasmatreat)

Plasma treatment replaces mechanical surface preparation, traditional solvents, and adhesion promotion coatings, etc. requiring subsequent cleaning or special chemical handling steps. The combination of atmospheric and low pressure plasma technologies offer customers a wider range of surface preparation processes to include critical cleaning, activation and functionalization for improved bonding and coating adhesion. The technologies offer customers flexible, in-line, low cost, environmentally sensitive alternatives to solvent-based and traditional mechanical surface preparations.

Both Plasmatreat and PTS offer state of the art manufacturing to CE and QS 9000ff standards, and offer fully integrated automated plant solutions supported by a global service team.

Plasmatreat North America President and CEO Andreas Stecher comments: "Together, our team is able to leverage the respective technologies to provide the best solutions for customer applications. By increasing the visibility for this innovative technology we plan to enhance the scale and scope of our plasma based surface treatment solutions."

Plasmatreat and PTS will exhibit at :
[NPE 2012, Orlando, FL., West Hall Level 2, Booth 2343](#)

For more information:

www.plasmatreat.com

www.plasmatechsystems.com

www.impactmovie.com/plasmatreat

www.braake.com