

Excellent mixing. Lowest pressure drop. Almost unbreakable

Promix Solutions launches new melt blender generation at K 2013 in Düsseldorf

Winterthur, August 2013, With the product launch of the new melt blender generation SMB plus, Promix Solutions AG sets a new standard in homogenization of extrusion melts. A Melt Blender or static mixer equalizes temperature and velocity of the melt over the whole cross-section and perfectly distributes additives. This leads to consistent high product quality and might even allow a higher throughput. The static mixer is installed directly before the die, after the screen changer and melt pump. Compared to previous versions, the new melt blender persuades through its robust, seamless construction along with lower pressure drop and better mixing performance. Furthermore, the SMB plus features excellent self-cleaning properties thanks to a flow-optimized design.

The innovation is based on the flow-optimized Sulzer SMX™ plus mixing structure and has been developed further during the last 2 years to comply with the requirements in extrusion. Key targets for the implementation were improved product characteristics as well as optimized manufacturing methods. The result is a new mixer generation cast in one piece. It features high strength, low pressure drop and excellent mixing performance. Prior to its market introduction, the new melt blender has been tested extensively. The SMB plus can be delivered standalone, or as a complete solution including housing, suitable flanges, heating and sensors.



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Promix Solutions AG is a "spin-off" of Sulzer, the founder of the static mixing technology some 40 years ago. Promix Solutions serves the plastics processing industry with mixing nozzles, melt blenders, foam extrusion systems and melt coolers. The company maintains technical leadership by continuously developing its products and services in its own lab facilities or in co-operation with selected partners.

The headquarters of Promix Solutions AG is located in Winterthur, Switzerland. A second facility is located in Linden, Germany where a broad inventory stock allows a fast access to most static mixer solutions. An extensive and well established sales network grants easy and efficient access to Promix products and services.