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Press release

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What Cannot Be Done by Extrusion: Holes in Plastic Plates

The three axis system forming the core of the machine for making holes in large-size plastic plates (maximum dimensions 1,700 x 2,400 mm) is supported by a stable basic frame made of the Profile Line 8 of the item MB Building Kit System. The German company from Solingen, itus Industrietechnik und Sondereinrichtungen GmbH, developed this machine for the plastic processing industry as until now only extremely expensive methods allowed to perform holes in plastic plates.

For the processing, the plastic plates are placed on a clamping area made of Bed Plate Profiles with Bed Plate Connection Profiles both from Line 8 of the item MB Building Kit System. Once the plates have been clamped, the processing occurs over the precisely controlled three axis system.



Three axis system made of the MB Building Kit System from the company item Industrietechnik GmbH.

The Ball Screw Unit mounted on both sides of the clamping area controls the Bearing Carriage (PS4 15) which moves the machine over the surface. This allows a quick and economical processing of the plastic plates.

The item Industrietechnik GmbH from Solingen is the developer and supplier of the MB Building Kit System, which provides individual solutions for the manufacture of industrial production equipment. The System focuses on aluminium profiles, harmonising fastening technology and diverse functional components.