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(12) UTILITY MODEL

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(54) Title: ONE POINT MOULD CLAMP

(57) Abstract: The present invention discloses one point mould clamp (1) supported by tie bars (4) designed for a precision blow moulding machine for clamping. It has moveable platen (5) for opening and closing the mould as shown in the clamping unit in Fig. 1 below. The said clamp is supported by a base (6) and enabled to slide over by bolted crosshead (2) attached to the clamp by a link (7) designed and fabricated onto a precision blow molding machine for production of plastic bottles. The one point mould clamp provides the necessary clamping mechanism and force for clamping different sizes of moulds. It is driven by only one hydraulic rams to achieve closing and opening of the blow moulds and enables the movement of the blow moulds aside for blowing air into the plastic preform so that they can take the shape of the mould as required.