

Title (en)
MACHINE TOOL AND METHOD FOR MACHINING PLANAR WORKPIECES

Title (de)
WERKZEUGMASCHINE UND VERFAHREN ZUM BEARBEITEN VON PLATTENFÖRMIGEN WERKSTÜCKEN

Title (fr)
MACHINE-OUTIL ET PROCÉDÉ D'USINAGE DE PIÈCES EN FORME DE PLAQUE

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Abstract (en)
[origin: WO2018055185A1] The invention relates to a machine tool and to a method for machining planar workpieces, preferably metal sheets, comprising an upper tool (11), which can be moved along a reciprocation axis (14) by means of a reciprocation drive device (13) in a direction toward a workpiece (10) to be machined by means of the upper tool (11) and in the opposite direction and which can be positioned along an upper positioning axis (16) extending perpendicularly to the reciprocation axis (14) by means of at least one motor drive assembly (17), a lower tool (9), which is aligned with the upper tool (11) and can be positioned along a lower positioning axis (25) by means of at least one motor drive assembly (26), which lower positioning axis is oriented perpendicularly to the reciprocation axis (14) of the upper tool (11), and at least one controller (15), by means of which the motor drive assemblies (17, 26) can be controlled for moving the upper and lower tools (11, 9), the movement of the upper tool (11) along the upper positioning axis (16) and the movement of the lower tool (9) along the lower positioning axis (25) being controllable independently of each other, and at least one measuring device (601) oriented toward the lower drive assembly (26) being provided on the upper drive assembly (17) and/or at least one measuring device (604) oriented toward the upper drive assembly (17) being provided on the lower drive assembly (26).

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