

Title (en)

MACHINE TOOL WITH COMMON DRIVE FOR WORKTABLE AND PALLET SHUTTLE

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Application

EP 78100541 A 19780728

Priority

US 82723277 A 19770824

Abstract (en)

[origin: EP0000874A1] The invention relates to a machine tool with a common drive for the worktable and pallet shuttle. In accordance with the invention, the worktable and pallet shuttle are driven by a common motor (188) which is mounted on the worktable base (10), thereby simplifying the machine tool and reducing its cost. The motor (188) is coupled to the worktable (18) by gears (202, 116) which engage when the worktable (18) is raised to be indexed and disengage when the worktable (18) is lowered. The motor (188) is coupled to the pallet shuttle (54) by gears (202, 210, 212, 80) which engage when the worktable base (10) is moved into the shuttle position and disengage when the worktable base is moved out of the shuttle position.

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Cited by

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