

Title (en)
VERTICAL TURNING MACHINE WITH TWO OR MORE SPINDLES

Title (de)
VERTIKAL-DREHMASCHINE MIT ZWEI ODER MEHR SPINDELN

Title (fr)
TOUR VERTICAL A DEUX BROCHES OU PLUS

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Application
EP 98955486 A 19981020

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• EP 9806624 W 19981020

Abstract (en)
[origin: DE19753898A1] The invention relates to a vertical turning machine with two or more spindles. Each spindle has a headstock with a clamping chuck and the spindles are arranged with their clamping chucks opposed or aligned. A tool carrier is allocated to each headstock. A first headstock can be moved from its working position to a position flush with the other headstock on a guideway which extends crosswise to the direction of the axis of rotation of said first headstock. The same headstock can also be moved in the direction of its axis of rotation. The guideway of this moveable headstock extends beyond the position of the designated tool carrier to a receiving position on a workpiece transportation device. In their working position, the two headstocks (4, 10) are each located in their own vibration-isolated machine bed (1a, 1b), each machine bed being sealed off from the other along a partition (22). The two machine beds (1a, 1b) can be connected for transporting workpieces (6) from one headstock to the other, at least in the area of the guideways (2), and/or for the transportation of the machine beds themselves. According to the invention, the second headstock (10) can also be moved on a guideway (12) in direction X from a workpiece receiving position (A), via a machining position (B) under the workpiece support (11) to a workpiece transfer position (C).

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