

Title (en)

HONING MACHINE WITH A PLURALITY OF WORK STATIONS AND A ROTARY TABLE

Title (de)

HONMASCHINE MIT MEHREREN ARBEITSSTATIONEN UND RUNDTISCH

Title (fr)

MACHINE DE RODAGE À PLUSIEURS POSTES DE TRAVAIL ET TABLE ROTATIVE

Publication

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Application

EP 13702991 A 20130131

Priority

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Abstract (en)

[origin: WO2013117482A1] A honing machine (100) for performing honing operations on at least one bore in a workpiece (102), in particular for hone machining cylindrical bores in a cylinder crankcase, has a machine base (110), a plurality of vertical stands (112A-112D) arranged in the peripheral area of the machine base, an upper machine part (120) that is arranged at a distance above the machine base and is supported by the stands, and a rotary table (130), arranged on the machine base, that can be rotated about a vertical rotary table axis (134) and has a plurality of workpiece holders (135) which are radially spaced from the rotary table axis and offset from one another circumferentially in such a manner that a workpiece received in a workpiece holder can be transported successively to different work stations (140, 150, 160) of the honing machine by rotating the rotary table. At least one of the work stations is a honing station having at least one honing unit (180) supported by the upper machine part (120), said honing station having a honing spindle that can be rotated about a vertical spindle axis and moved back and forth parallel to the spindle axis.

IPC 8 full level

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