

V line - new flexible honing machine

In the honing process, if the workpiece spectrum is large and the numbers vary a variable machine is required. For this situation KADIA has developed the V line. The Vario honing machine is a flexibly configurable honing solution with two or three honing stations.

The machine fits between the 2-spindle universal machine U line and the R line equipped with up to six spindles and takes over their strengths. The structure is very compact, just like the U line with integrated control cabinet. From the R line it has adopted the proven rotund design: all stations are located on a central pillar and are thus optimally accessible.

Thanks to the generously dimensioned working space with ring table for workpiece transport, the V line is suitable for a wide range of applications, for small to large workpieces, for example from injection pumps to gear wheels and hydraulic parts. The user has up to eight stations available, for honing, pre-inspection, measuring, deburring and other processes. In addition,

the concept allows the integration of diverse automation solutions.

Last but not least, the V line is also equipped with KADIA Smart Dynamic honing technology components, with the intelligent HMC100 honing control with statistics module, optional bore scanning and highly dynamic, directly driven LH2 or LH3 honing spindles. The user also receives the typical KADIA five year warranty on the linear actuator.

KADIA Produktion GmbH + Co was founded in 1959 and specialises in both honing and mechanical deburring technologies. You will find KADIA honing and deburring systems wherever precision plays a decisive part in production, at the major automobile manufacturers and their automotive component suppliers, in the hydraulics industry, in agricultural machinery construction, at wind power manufacturers and in the defence and aerospace industries.

A full system supplier, KADIA provides customers with a single source for complete



machining solutions, from initial design and optimal machine and tool technology all the way to outsourced job production and after-sales service.

KADIA Produktion GmbH + Co
Tel: 0049 7022 60060
Email: henning.klein@kadia.de
www.kadia.de