

Cone Polishing machine

Type KPM



The KPM Automatic Cone Polishing Machine is used to machine tungsten carbide dies in the smaller bore diameter range of 0.10 to 2.00 mm.

The machine is used to machine the drawing angle on both new and used dies. It allows you to work up to the peak size and can also be used for high-gloss polishing.

Technical data

dimension range	0,10 – 2,00 mm
meeting point dimension	+/-0,01 mm
production tolerance	
magazine	25-30 mm casing Standard
table die clamping system	cylindrical casings (standard: Ø28mm) conical casings (optionally with special clamping head)
high frequency spindle	5.000 to 30.000 rpm adjustable infinitely variable
cone needles	20-40 dies can be worked with one needle depending on the reworking requirements afterwards needle can be reground and used again
collet chucks	2,00 – 3,00 (Standard) other sizes on request
needle pressure and table pressure	can be adjusted according to dimension range and casing size
electrical voltage	230 V – 50HZ – 10 A
control system	Siemens
dimension	550x350x750 mm
weight	60 kg

Extras

Cone needles	available in different dimensions and degrees
Diamond suspension	available in different grain sizes



Willi Bremer GmbH

Die table for cylindrical casings

Standard KPM/28 casing-size 28 mm
Casing size 25-30 mm with other clamping fingers

Die table for conical casings

optionally

Die casing adapters

Dimension on customers specification

adapter allow to run even smaller casings than the ones for which the machine or the table is equipped to run automatically.