

CHARACTERISTICS AND TECHNICAL DESCRIPTION

Tool Grinder PNB-2E

is used for sharpening and grinding of the punching tools and dies of TRUMPF, AMADA, FINN-POWER sheetmetal processing machines.

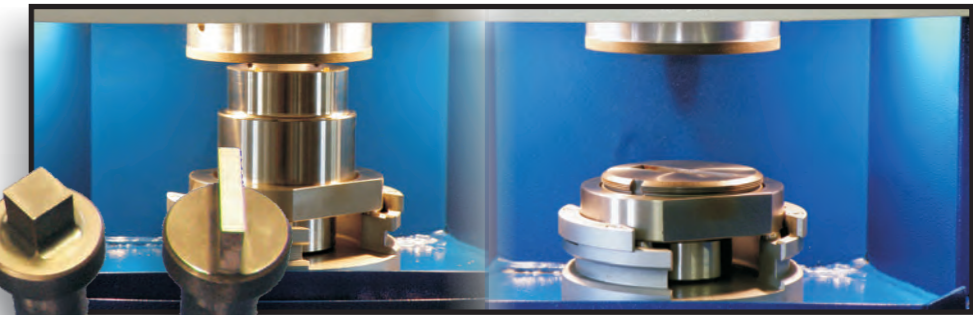
Grinder is suitable for companies active in sheet metal processing, which has punching machines and do not have their own tool shop with grinders.

PNB-2E



Technical description

Grinding of the tools is made by special abrasive disc with internal cooling.

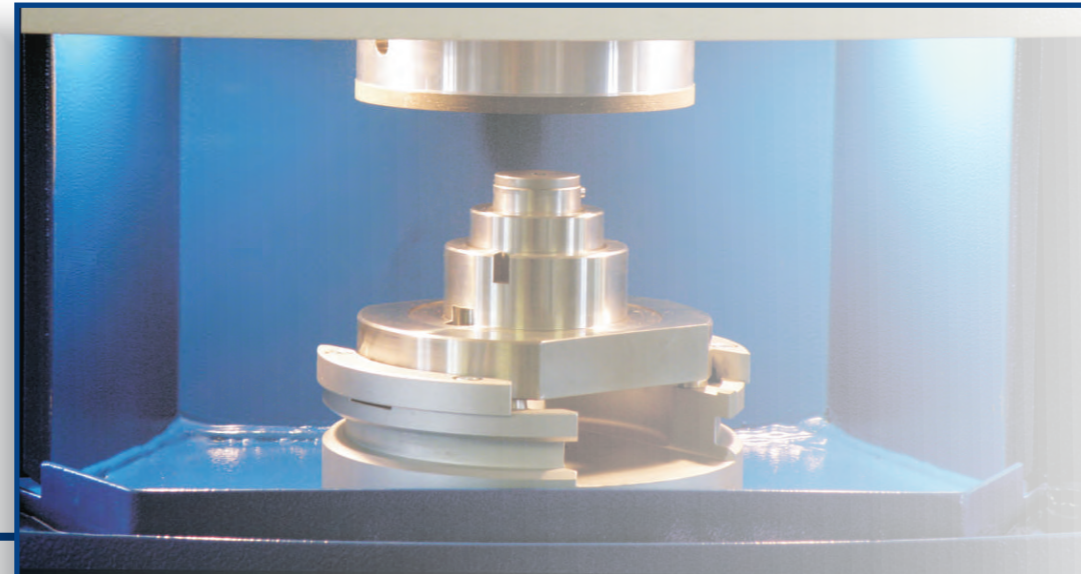


Thanks to high accuracy of grinding, it is possible to extend tool lifespan up to two times of standard lifespan, provided that tools are sharpened as soon as signs of blunting appear.

Cooling liquid prevents overheating of grinded tools, removes mechanical elements rising from the grinding and increases quality of grinded surfaces.

PNB - 2E

dimensions:	length	470 mm
	width	450 mm
	height	860 mm
weight		110 kg
voltage		3/N/PE AC 400/230V
rotation speed		4200/min
setting of tool removal		0,01 mm
max. high of grinded tools		118 mm
max. diameter of grinded tools		125 mm



Complete set of fixing tools for all standard punching tools and dies is provided with machine. For all types of punching tools it is possible to grind scarf from 0-8 degrees (possibility of fixing of other types of tools can be consulted with producer).



Advantages

- simple operation
- high accuracy
- tool lifespan extension
- high quality of grinded surface
- low operation cost
- small dimensions
- reduction of operator time

Machine operation

Tool grinder PNB-2E was designed as semi-automatic machine, where operator is responsible for right insertion of the tools, descending of the tool to the abrasive disc and setting up material removal of grinded surface. Process of sharpening is fully controlled by the machine and it is performed in several repeating cycles of grinding according to material removal set-up. At the end of the grinding process is the tool moved of the abrasive disc and machine is ready for new grinding.



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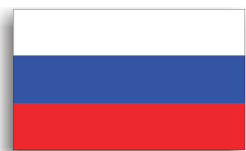
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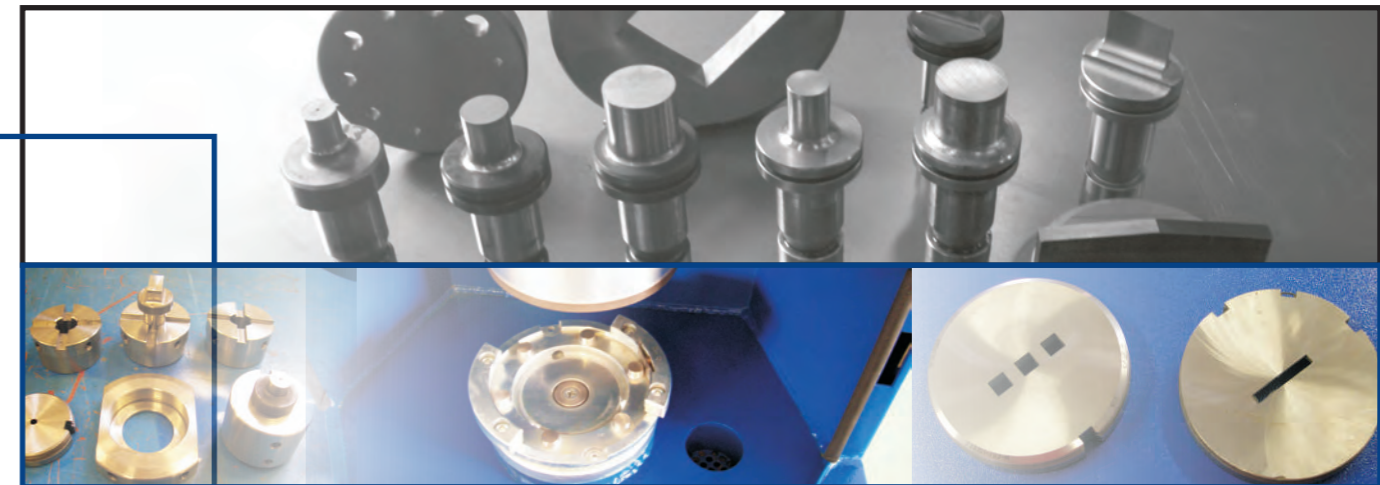


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