

DNS360_450 UNIVERSAL GRINDING MACHINE FOR CIRCULAR KNIVES



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CONTROL PANEL

PPC-3100 touch panel 10.4"

Fan-less design and low power consumption.

The most important data are viewed during grinding process and some can be changed in real time.

SOFTWARE

Self-develop software, operator friendly

Twenty years of grinding experience have been put into the system. A special eye was placed for fast set-ups and maximum comfort even for operators with low knowledge on machines or grinding processes. Grinding wheel direction, work-piece direction, grinding wheel diameter, speeds, electronic wheels increment values,... etc. can be modified from the same screen shot.

Windows based. Language: English.

Possibilities:

- Y oscillation and X will increment (peripheral)
- Y no -oscillation and X will increment (cup)
- X oscillation and Y will increment (particular cases)

GRINDING MODES

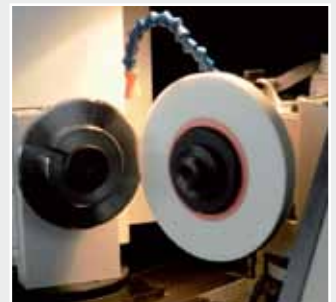
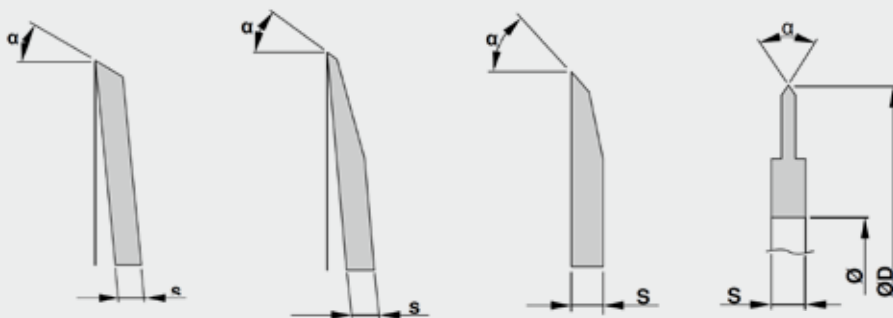
Manual operator will use electronic wheel for increment.

Semi-automatic operator will bring knife to grinding point and will run a program.

Automatic just change the knife and push "Start" again. This is comfortable for same OD knives.

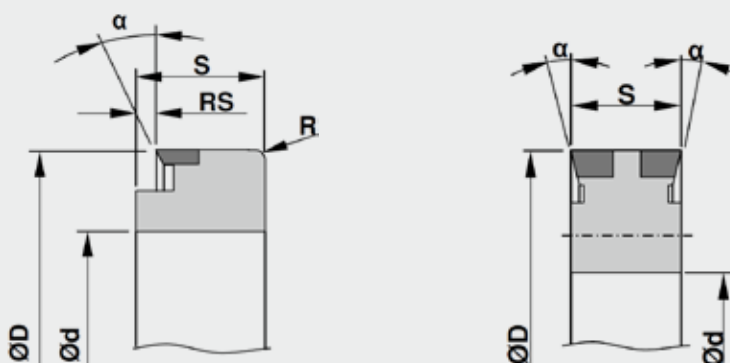
TOP KNIVES

Flat or dished top knives in HSS, CPM10V, ASP2023, Cr12% or Carbides can be sharpened with a peripheral or cup grinding wheel. Crush cutters, core cutters, perforators, in all type of materials can be sharpened.



BOTTOM KNIVES

Multi-groove bottom knives can be grinded with high precision. From control panel also a fix division can be easily realized due to visualization of starting 0 point and every cutting groove quota. Bottom cup knives, standard NN types, with one or double cutting edges, in Steel or TCT, are very easy to grind with our DNS360.



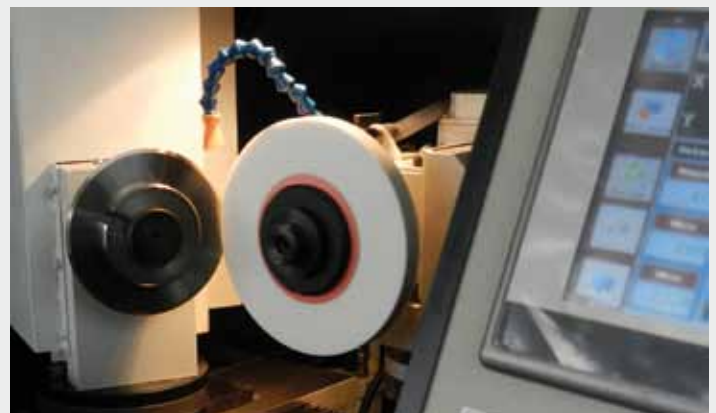
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Dimensions	<i>Width</i>	1700 mm
	<i>Depth</i>	1150 mm
	<i>Height</i>	1600 mm
Weight	Approx.	1700 kg
Workpiece spindle	<i>Diam. up to</i>	500 mm
	<i>Power</i>	1,1 kW
	<i>Rpm Max</i>	600
	<i>Rotable</i>	180°
	<i>Stroke</i>	230 mm
Grinding spindle	<i>Power</i>	1,1 kW
	<i>Rpm Max</i>	3500
	<i>Rotable</i>	180°
	<i>Stroke periph. wheel</i>	315 mm
	<i>Stroke cup wheel</i>	460 mm
Grinding wheels	<i>Periph. wheel</i>	200 mm
	<i>Cup wheel</i>	200 mm



NC - Operator Control Touch Panel



Circular knife grinding with peripheral wheel



Bottom knives and multi-groove blocks grinding



Cup wheel grinding

We can manufacture customized solutions.
The right to update and modify without notice is reserved.