OPTION:

Fire extinguish system

Electrostatic filtration system

Exhausting system

Magnetic filter

Coolant tank with paper filter

Coolant tank with automatic roller filter paper

P 20 CNC

CNC PROFILE GRINDING MACHINE

Grinders all over the world

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TECHNICAL SPECIFICATIONS - P20CNC

Table movement - X axis	mm. 350
Wheel movement - Y axis	mm. 200
Axes movements through AC digital servo motors	Z nm 11,7 A, X, Y nm 5,8
Workhead	ISO 50
Maximum tool diameter	mm. 305
Side clearace degree	+/– 0-25°
Grinding motor	kw 8.6
Electronic control of the grinding wheel speed revolution	
Wheel diameter	mm. 200 / 230 / 250
Weight	kg. 3600
Dimensions	cm. 200 x 250 x 200 h

Weight and measures are not binding. We reserve the right to amend design and specification, without prior notice.

P 20 CNC PROFILE GRINDING MACHINE

MACHINE FEATURES

P20 CNC allows profiling of carbide and HSS cutting tools including inserts/plates, carbide cutters, router bits and HSS corrugate back knives.
The P20 CNC was designed for maximum flexibility and ease of operation. All MENU driven software allows operator to input the requested values and create a program in minutes that can be stored in the computer hard disk. Tool manufacturers will appreciate the speed and ease of making one special profile tool or hundreds of the same profile. With the universal 50 internal taper in the A-axis workhead, it is fast and simple to change from inserts to router bits to cutters and back in a very few minutes.

With the UTMA P20-CNC, the engineering and design concept to work cost efficiently with single special tools or long runs of similar tools has been realized in a very dynamic and practical way.

P20 CNC grinds:
– HSS corrugate knives
– Brazing cuttes
– Carbide insert knives

TIRED OF THE SAME OLD GRIND?

Perk up your moulder knife production with the UT.MA P20 CNC Profile Grinder the world's first fully automated profile knife grinder.

☑ NO TEMPLATES REQUIRED

Grind knives direct from CAD drawings.

☑ FAST AND ACCURATE

10-HP grinding motor with variable speed control is five times more powerful than standard manual profile grinders. The quick-change grinding wheel grinds against the cutting edge limiting any burning to the bottom of the grind.

☑ OPERATOR SAFE

Fully-enclosed cabinet eliminates standing over the knife grinding process.

☑ LABOR SAVING

CNC automatically grinds the knives freeing the machine operator to perform other value-added tasks.

☑ SKILLED KNIFE GRINDERS ARE HARD TO FIND

CNC attracts the new generation of machine operators.

☑ WHO OWNS THE UT.MA P20 CNC?

Moulding & millwork companies who grind custom knives in the original heads. Toolmakers mass produce HSS knives, carbide inserts, brazed cutterheads and router bits.

☑ WHEN IS THE INVESTMENT JUSTIFIED?

If you grind profile tools more than 6 hours a day or are considering buying a second manual machine, you seriously need to check out the UT.MA P20 CNC Profile Grinder.

P 20 CNC

CNC PROFILE GRINDER FOR CARBIDE AND HSS CUTTERS, INSERTS KNIVES AND ROUTER BITS

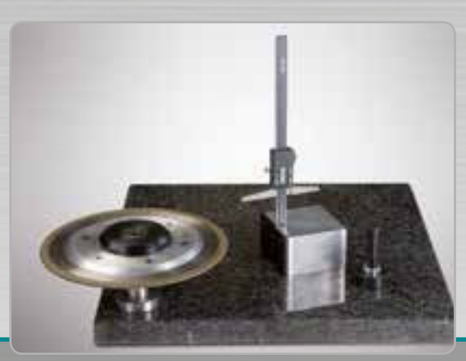
- Four CNC controlled axes - X, Y, A, Z
- AC digital servo motors on all CNC axes
- Electronic speed variator for grinding wheel
- Simple, fast teach-in tool positioning
- Fast, simple programming
- Accepts DXF CAD drawings
- Operator friendly CAD/CAM menu

THE P20-CNC ALLOWS THE IMPORTING OF DXF DRAWINGS MADE ON CAD SYSTEMS

7,5 kw powerful grinding wheel motor and a heavy duty machine structure allow to use the machine even under the most demanding conditions.

PC control panel with Window software with a clear graphic control panel. Menu driven program for short learning curve and short set-up time.

Probe to check the correct cutter division. It is a crucial element to reach an accurate profiling on HSS cutter heads.



Micrometric Preset Stations for grinding wheel set up. External to the P20-CNC, the Micrometric preset Stations allow accurate checking and control of wheel and tool specifications.