



ACCESSORIES



A RICH LINE OF ACCESSORIES

Thanks to a wide range of accessories, the machines are suited for any grinding application. Expressly made to resolve all machining problems in any industrial application, the accessories allow the user to configure the machine to suit any possible need.

The machine accessories are divided into four main categories, each of which has a complete range of options, in particular for the manual machines.

CATEGORIES OF ACCESSORIES



ACCESSORIES FOR GENERIC TOOL GRINDING PURPOSES. FOR VAST PRODUCTION.



EQUIPMENT AND ACCESSORIES FOR INTERNAL AND EXTERNAL CYLINDRICAL GRINDING.



EQUIPMENT AND ACCESSORIES FOR SURFACE GRINDING.



EQUIPMENT AND ACCESSORIES FOR GENERIC USE: GRINDING, WHEEL PROFILING, SPECIAL GRINDING PURPOSES.

COMBITEK
HEAD FOR SHARPENING
WITH SEMI-AUTOMATIC
INDEXING

Combitek offers a complete range of sharpening in a single solution

- It is an automatic rotary table on a horizontal axis that can be synchronised with the manual movement of the machine bench (axis X)
 - The rotary table is comprised of a torque motor and a direct measuring system
 - The X axis movement is measured by an optical scale
- By selecting an algorithm that controls the movement between the two axes, it is possible to move the rotary table through the manual movement of the bench.

Management software: it features 6 activities

ACTIVITY 1: ANGULAR DIVISION



- Complete processing of cutting angle and straight drafts on any type of tool.
- Complete processing of straight front cutting angles on any type of tool.
 - CYLINDRICAL OR CONICAL MILLING CUTTER WITH STRAIGHT AND INCLINED TOOTHING FOR CONSTANT PROFILE, THREADING, MODULATING, ASYMMETRICAL AND SYMMETRICAL BI-CONICAL, ANGULAR, FOR TWO AND THREE-CUT SAWING, CUTTING FOR SLOTS.
 - CYLINDRICAL OR CONICAL BORING MACHINE WITH STRAIGHT AND INCLINED TOOTHING.
 - HOB FOR CUTTING TOOTHED WHEELS.
 - CONE OR CYLINDRICAL STRETCHER HEAD, TIPS FROM CENTRE.

ACTIVITY 2: COUNTERBORERS AND TAPS



- Cutting angle processing.
- Back rake processing (Tap spiral feed and curved surface rake on Counterborer).
 - STRAIGHT AND HELICOIDAL CUTTING ANGLE TAP, BACK RAKE ANGLE.
 - CUTTING ANGLE AND CURVED SURFACE COUNTERBORERS.
 - MULTI-DIAMETER TIPS (ONLY SECONDARY CUTTING TIPS).

ACTIVITY 3: CYLINDRICAL HELIX



- Complete internal-external spiral processing, rh-lh, on any type of tool.
 - HELICOIDAL TOOTHING CYLINDRICAL MILLING CUTTER, PLANING, FRONTAL, FOR SLOTS, TWO AND THREE-CUT.
 - CUTTING FOR SLOTS.
 - HELICOIDAL TOOTHING CYLINDRICAL BORING MACHINE.
 - HOB FOR CUTTING TOOTHED WHEELS.

ACTIVITY 4: ALTERNATE CYLINDRICAL HELIX



- Complete external rh-lh alternate spiral processing, on any type of tool
 - ALTERNATE TOOTHING THREE-CUT DISC MILLING CUTTER.
 - MILLING CUTTER FOR "T" GROOVES.
 - MILLING CUTTER FOR TAB/KEY SEATS.

ACTIVITY 5: CONE HELIX



- Complete internal-external spiral processing, rh-lh, on any type of tool (constant pitch)
 - HELICOIDAL TOOTHING CONICAL MILLING CUTTER (EX. FOR MOULDS).
 - HELICOIDAL TOOTHING CONICAL BORING MACHINE.

ACTIVITY 6: CIRCULAR GRINDING



- Internal-external cylindrical grinding processing.
- Internal-external conical grinding processing.
 - TOOL GRINDING BEFORE A NEW SHARPENING OPERATION.
 - GENERIC GRINDING OF PARTS WITH VARIOUS GEOMETRIES.
 - FELLOW HOB.