

CHETO

CNC DEEP HOLE DRILLING WITH MILLING

BE SMART ...

OPTIMIZE TOOL AND PROCESS

WISE SYSTEM

developed by Chetocorporation S.A.
for our deep hole drilling machines

EXCLUSIVELY AT
CHETO MACHINES
www.cheto.eu



Main Objective

ADAPT MACHINING PARAMETERS ON-LINE



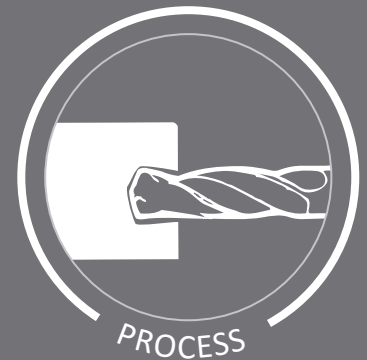
- Torque of the spindle
- Effort in feed
- Oil pressure
- Oil flow
- Vibration

TWO CONTROL OPTIONS

**ONLY ONE
REQUIREMENT:**
Control FAGOR 8065



The system automatically detects intersections in the process and sets the parameters accordingly to keep the quality of the operation and to protect the tool lifetime.



The system detects variations of the efforts of the process and automatically adjusts the drilling parameters online to keep a continuous process.

END OFF EXTRAORDINARY COSTS OF NONCONFORMANCE

The diversity of operations, the lack of raw materials homogeneity, the deficient parameter settings, and intersection holes often lead to the reduction of the tool lifetime. As hole intersections are a constant matter on mould making, and considering the difficulty of these operations its common to have problems on final results as unexpected hole drifts, premature tool wear or tool break.



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