Machine Name : gear shaping machine

Brand : Youyi

Machine Model : Yk5180

Stock No. : 4487717

Ex-factory Date : To be supplemented



Main Technical Parameters:

Maximum machining diameter (external teeth) : 800mm

Maximum machining diameter (internal teeth) : 1000mm

Maximum machining module: 12m

The maximum machining tooth width inside: 265mm

The maximum travel length of the gear shaping tool is 300mm

The circular feed rate per reciprocating travel is infinite

The diameter of workWorktable flower plate is 800mm

WorkWorktable through hole: 130mm

Distance from the axis of the gear shaping tool to the axis of workWorktable: 0-700mm

Distance from the support surface of the gear shaping tool to workWorktable surface: 50mm-450mm

The number of reciprocating travel of the gear shaping tool per minute (times per minute) : infinite

The allowance of the gear shaping tool during its return travel: ≥0.65mm

The diameters of the journal for installing gear shaping Tools are 31.743mm, 88.9mm, and 101.6mm

Main motor power: 15KW

Overall Footage (length × width × height) : 4100*1900*3792mm

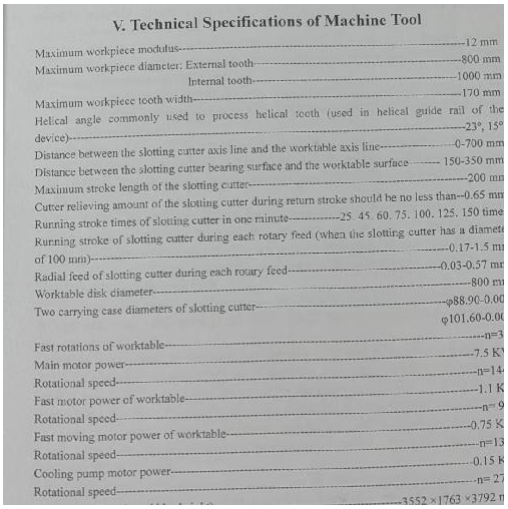
The weight of machine tool is 12,000 kg

PamtonSchnell



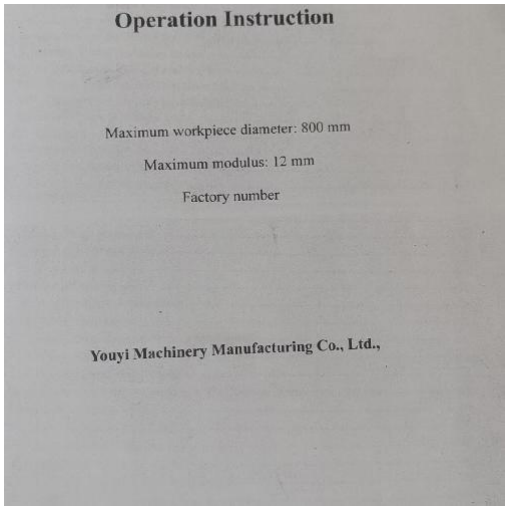






V. Technical Specifications of Machine Tool

Maximum workpiece modulus----12 mm
Maximum workpiece diameter: External tooth----800 mm
Internal tooth----1000 mm
Maximum workpiece tooth width----170 mm
Helical angle commonly used to process helical tooth (used in helical guide rail of the device)----23°, 15°
Distance between the slotting cutter axis line and the worktable axis line----0-700 mm
Distance between the slotting cutter bearing surface and the worktable surface ---- 150-350 mm
Maximum stroke length of the slotting cutter----200 mm
Cutter relieving amount of the slotting cutter during return stroke should be no less than--0.65 mm
Running stroke times of slotting cutter in one minute----25. 45. 60. 75. 100. 125. 150 times
Running stroke of slotting cutter during each rotary feed (when the slotting cutter has a diameter of 100 mm)----0.17-1.5 mm
Radial feed of slotting cutter during each rotary feed----0.03-0.57 mm
Worktable disk diameter----800 mm
Two carrying case diameters of slotting cutter----φ88.90-0.00
φ101.60-0.0
Fast rotations of worktable----n=3
Main motor power----7.5 KW
Rotational speed----n=14
Fast motor power of worktable----1.1 K
Rotational speed----n= 9
Fast moving motor power of worktable----0.75 K
Rotational speed----n=13
Cooling pump motor power----0.15 K
Rotational speed----n= 27
----3552 ×1763 ×3792 m



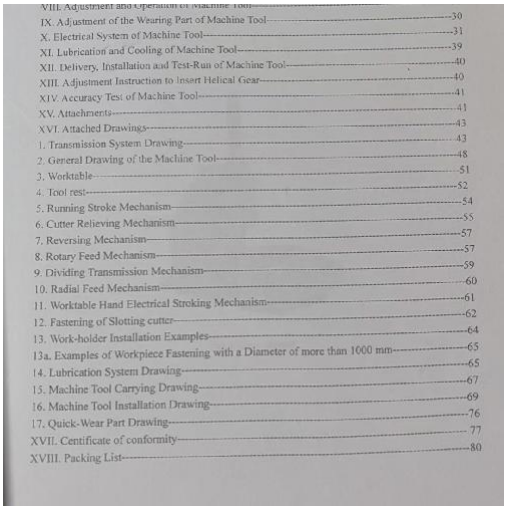
Operation Instruction

Maximum workpiece diameter: 800 mm

Maximum modulus: 12 mm

Factory number

Youyi Machinery Manufacturing Co., Ltd.,



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