

DEBURRING MACHINE FOR GEAR WHEELS AND INTERNAL GEARS TM 400 4BP

The deburring machine TM 400 4BP has been designed and realized by Tecnomacchine in order to deburr spur gears, sprockets and internal gears of large and small diameters. Three adjustable towers take up internal gears of diameters between 180 and 550mm. Using a universal chuck, it is possible to deburr gears of different sizes and a height of up to 210mm.

The machine deburrs and brushes the gears both top and bottom at the same time. It is equipped with two grinding wheels and two brushes which can be discharged in order to facilitate the loading and unloading of the work part.

The machine is equipped with an opening on top for the loading and unloading of work parts by means of overhead cranes.

The arms supporting the grinding tools are equipped with a "wrist" permitting it to be entirely adjustable. After an initial setting of the grinding wheels, it is possible to quickly adjust the arms to the various diameters of the work parts to be machined by means of a simple radial translation of the tools. The programmes uploaded onto the PLC for the operation in the "auto" mode can carry out entire deburring and brushing cycles with the possibility to exclude the lower units. It is possible to perform only deburring or only brushing cycles.

The machine can be assembled on the client's requests regarding diameter, weight and height of the work parts to be machined.

Dimensions : 1500 x 1500 x 2000

