



The round end tenoner model 2/TAO is designed to cut all types of tenons, including up to 3 composite angled tenons on straight or curved wooden rails without use of templates. The tenon obtained is of the round and bevelled type to permit an easy, yet secure, mating in mortises cut on mortisers with oscillating tool action. The machine is complete with two fully independent work tables which are vertically adjustable and tilting. These work tables are traversed alternately in front of the cutterhead. The rotational movement of the cutterhead all around the workpiece is controlled by a mechanical copying attachment thereby cutting the tenon to the required shape and dimensions.

The work cycle is fully automatic. While the tenon is being cut on the workpiece mounted on one of the worktables, the operator replaces the finished workpiece on the other table with a new workpiece. Hence there are no dead times. The copying attachment can be easily adjusted for cutting tenons with horizontal, inclined or vertical axis. Thanks to these capabilities incorporated in the model 2/TAO machine, curved workpieces can be vertically positioned on the tables without the use of templates which would be indispensable on tenoners only designed for cutting horizontal tenons.

Thousand and thousand tenoners model 2/TAO have been built since the year 1959. Machine operation is fully mechanical (apart from workpiece clamping which is through air cylinders). Exceptional capabilities are offered by this machine, in comparison with the relatively low purchasing and running costs. The machine design has been well proven throughout the many years of operation and is such as to guarantee minimum wear of its members.

#### Technical details:

Tenon width: from 0 to 100 mm + thickness

Tenon thickness: from 4 to 30 mm

Max. tenon depth: from 6 to 80 mm

Possible tenon compound angles:  
tables tilting: from 0 to 20°

workpiece leaning fence swivable  
from 0 to 45°

tenon inclination range: from 0 to 90°

Cutterblock rotation motor: 4 HP

Cutterblock displacement motor: 1 HP

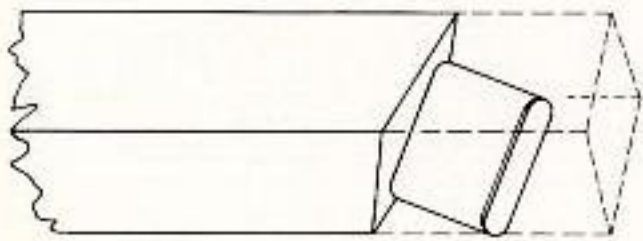
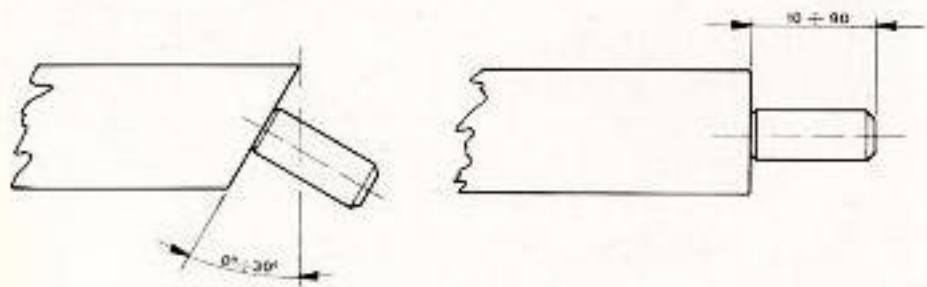
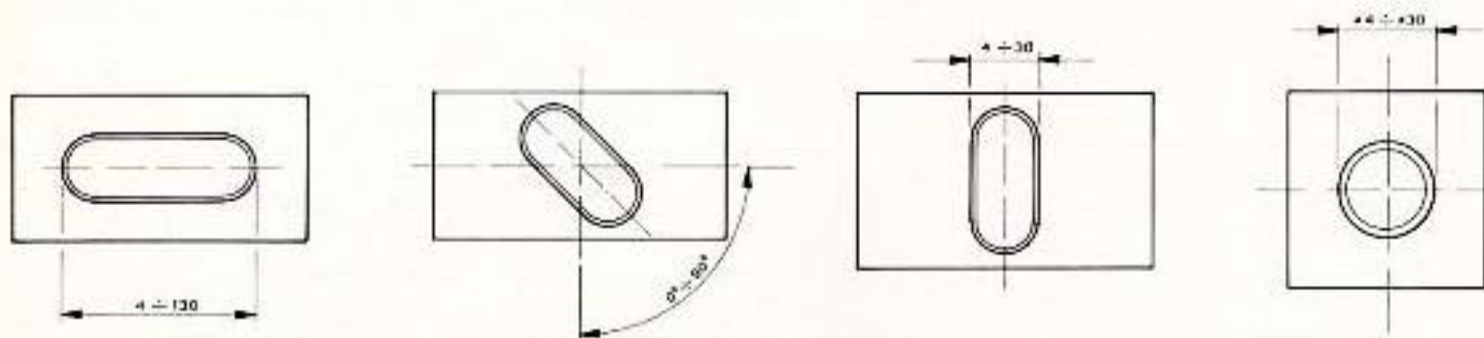
Table displacement motor: 1 HP

Overall sizes: 1400x1250x1250 mm

Net weight: 900 kg

Technical data and information given by this brochure are not binding. We reserve the right to alter our design and equipment without notice.





**2TAO**