

Winten 60



Electronic tenoner

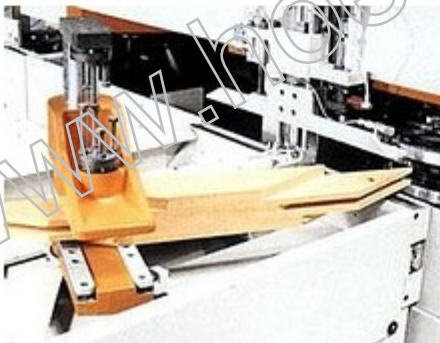


WINTEN 60 is a CNC machining centre which integrates the operations of straight and/or sloping tenoning, boring and/or milling.



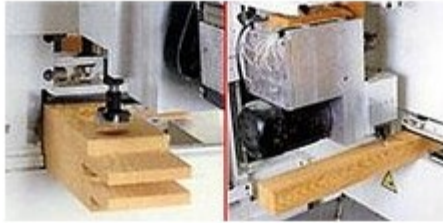
Butting to measure of workpiece length is NC controlled and it is possible to automatically machine 2 components at the same time with automatic rotation. The machine can accept 2 multitool spindles, which can be up to 620 mm. long with outboard bearings and "Jolly" anti-chipping unit

Rotaten



Winten 60 can be fitted as an optional with Rotaten which can automatically create $\pm 60^\circ$ sloping tenons without complex calculations, trial and error or lost time.

"OPTIMA 16" machining head



Winten 60 can be fitted as an optional with a new machining head which performs all the following auxiliary operations:

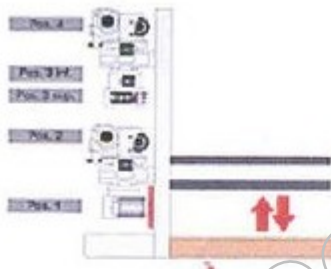
- Butt and with-the-grain drilling for mullions and transom components
- Drilling for handle locations
- Drilling for tilt and turn opening
- Reference drilling on sash components for hardware fittings

fittings

- Milling of slots for hinges

So no additional machines are required assuring a reduction both in production and set-up times as well as elimination of extra costs and risks of errors.

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Advanced technology :



SCM's long experience in manufacturing industrial frame making equipment have led it to lay great importance to constructive concepts which foresee the use of prism guides, ball screws etc. Positioning is carried out by motor and encoder CNC controlled through static inverter

CONTROL 100 PC control unit



Winten 60 is equipped with the latest computer numeric control system running on industrial personal computer using windows software. Programming is very easy. All operations are guided by NC shown on display and assisted by graphs. Jobbing lists can be automatically handled by office PC and passed to controller by floppy disk or serial link.

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Technical specifications

Max. working length	3200 mm
Min. working length	200 mm (inside of tenon)
Max. working height	130 mm
Speed of tenoning carriage	0-40 m/min

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