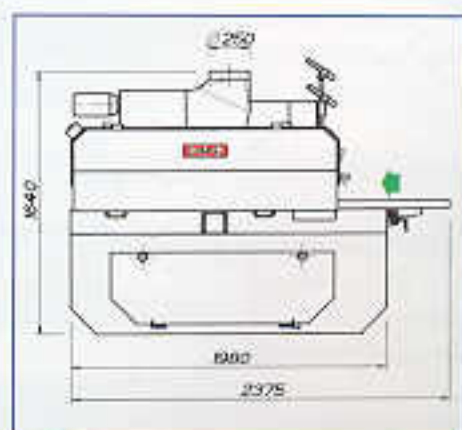
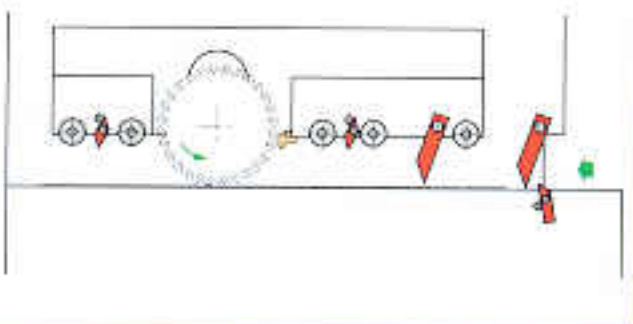


sca 320 rt 350

Multi-rip saw with patented trimming group for one or two moving blades electrically controlled by foot pedal or with programme

6



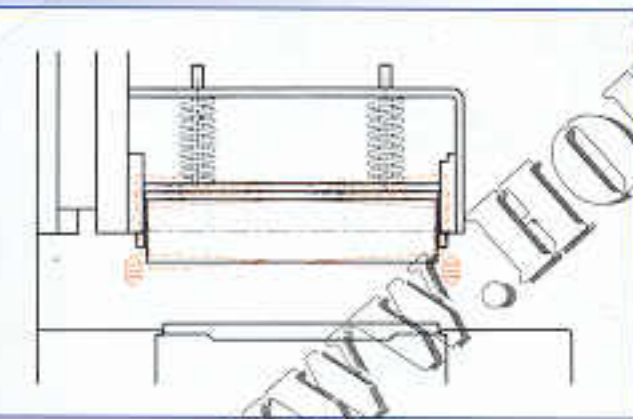


TOP ROLLERS GROUP raised automatically, with 5 independent hold-down rollers and a long wooden shoe placed between the blades.

The splinterproof system consists of steel fingers distributed on 4 top rows (two of which acting as splinterproof and the other two as anti-kickback) and one bottom row.

The feed belt runs along 2 hardened steel guides. The nodular cast iron pad (optionally of hardened steel) is fastened on a chain thus offering the following advantages:


- no stoppings on feeding track
- possibility of exerting high pressures on the plank without risk of overheating and wear on the guides (the chain turns on the guides)
- practical and low cost maintenance enhance its performance.



The rollers are guided at the side and they exert pressure over the entire width of the plank through two springs. This application also guarantees good holding of the planks which become curved after drying.

Feeding track is powered by a hydraulic variable gear box. Upon reaching maximum force, the gear box causes the oil to by-pass thus avoiding risk of mechanical damage or breakage.

The servo-control at the top of the gear box allows the operator to vary the feeding speed via the push buttons on the control panel while the speed can be checked via relative display.

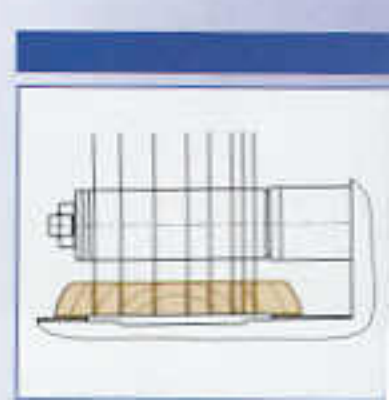
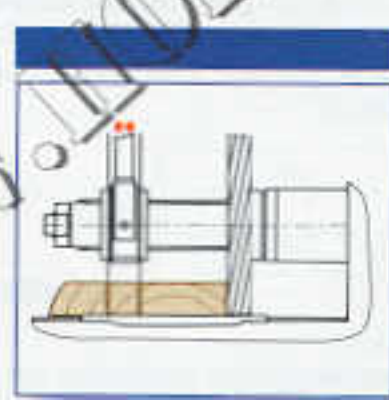
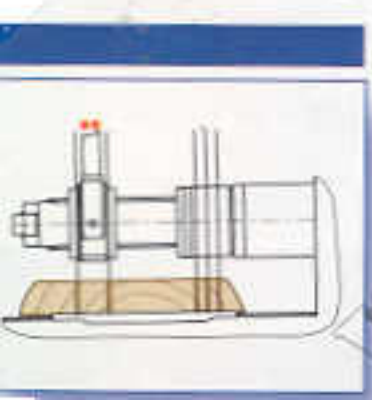
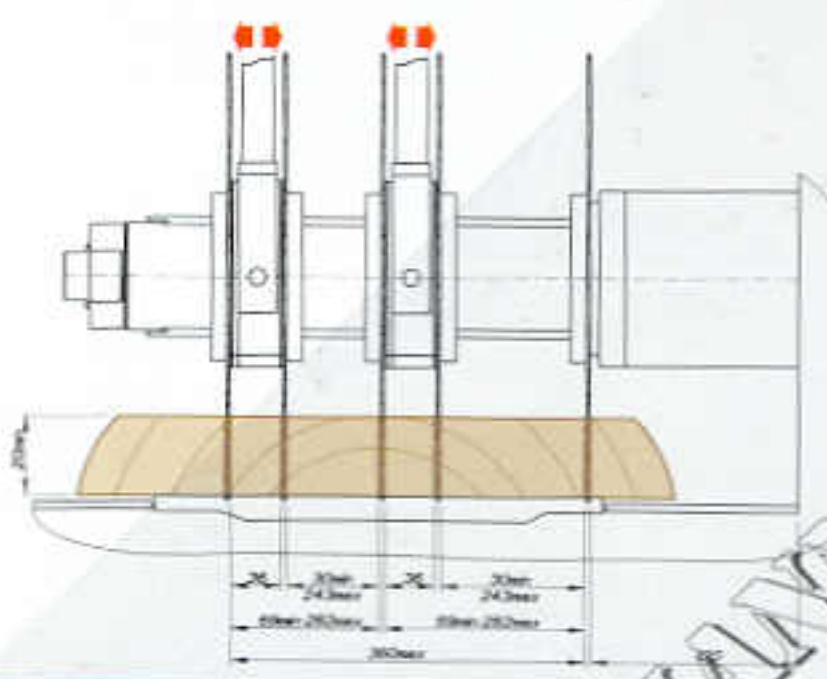
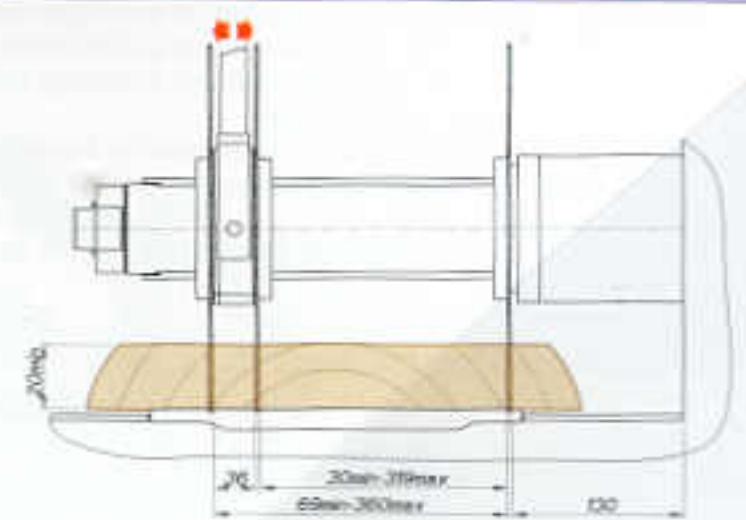
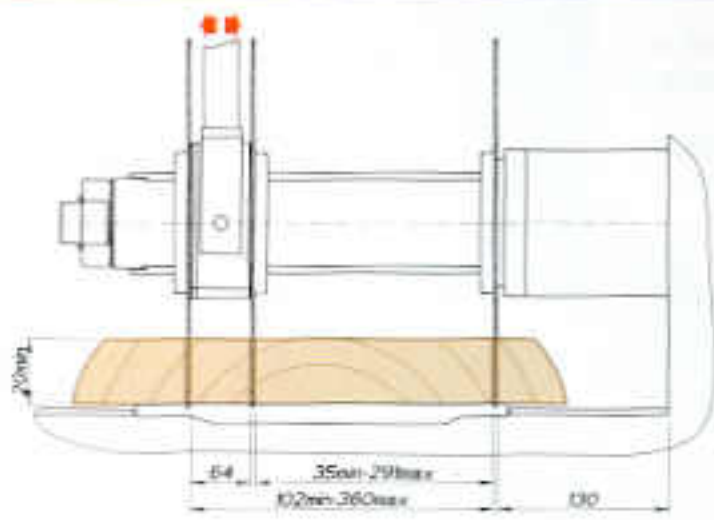


The timing belt drive guarantees high performance and reliability:

- drive flexibility (no mechanical failures)
- no possibility of slippage on the pulley with subsequent overheating (the belt teeth ensure optimum winding on the pulley).

Easy and practical operation clearly displayed via the control panel.



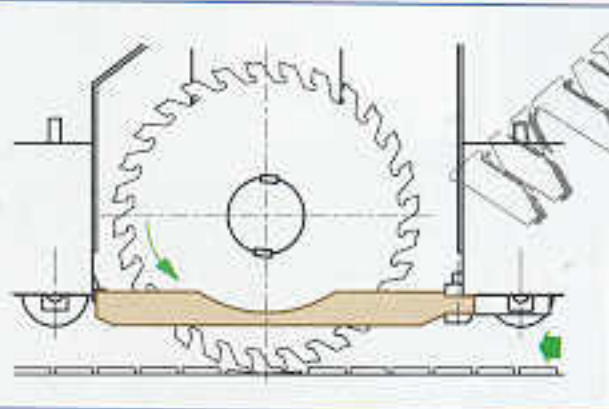


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The in-house quality control and engineering ensure perfect balancing of the blade sleeve, therefore silent running also at maximum speed.

The chrome-plating of the external surface of the sleeve ensures perfect sliding of the moving blade and long working life.



The long wooden shoe allows perfect holding of the plank, even if warped in the blade compartment, thus preventing the blades from removing or splitting cracked or thin planks.

Machine lubrication is automatic. The oil distribution system supplies the single lubrication points in differential way at a pressure of 10 bar, thus ensuring maximum efficiency also against risk of clogging. The oil flow rate is with a fully electronic regulation and has several settings.



sca 320 rt 350

Max. cutting thickness	mm 100 (85) ø blades 360 mm 95 (80) ø blades 350 mm 70 (55) ø blades 300 mm 45 (30) ø blades 250
Min. length of workpieces	mm 600 (350)
Maximum width for passage boards	mm 800 (900)
Blade dia: minimum/maximum	* ø 250 ÷ ø 360 bore 70 + 2 keys 20x6 * ø 250 ÷ ø 360 bore 95 + 2 keys 20x6
Blade r.p.m	3500
Distance column / centre of feed belt	mm 330
Feed belt width	mm 350
Work table dimensions: length/width	mm 1980 x 680 (780)
Height of work table from floor	mm 780
Feeding track speed	0-36 mt / 1' (0-50 mt / 1')
Motor power: minimum/maximum	hp 30-40-50-60-75 Kw 22-30-37-44-55
Motor power, feed belt	Kw 1,5
Motor power, raising head	0,75 kW
Shipping dimensions	cm 219x176x185

(*) mounted on the blade sleeve or on trimming group