

[Only Quality produces Quality]

[R o u t e r s]

End milling machines

Single spindle copy routers

Multi spindle copy routers

Template free copy routers



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[You have profile - we rout it !]

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Three spindle copy router KF 178

- > A specially designed copy router for efficient production of doors
- > For routing lock cylinders and round rosettes (safety cylinder locks) in wide profile sections and multi-chamber profiles of a very large profile construction depth
- > 3 independent working routing units
- > Separate operation of the horizontal and vertical cutter heads
- > Clamping the work piece upwards to support face of lock, therefore no need for new adjustment of the machine when using profiles of different heights
- > Simple tool changing due to „spindle lock“
- > Flexible stop system with support rollers and adjustable hinged stops

[**Technical information**]

- Routing unit on top
- > Routing capacity with length stop and copying template 340 x 100 mm
- > Stroke 110 mm

- Routing unit at bottom
- > Routing capacity with copying template 240 x 90 mm
- > Stroke from the front 95 mm
- > Stroke from the rear 45 mm

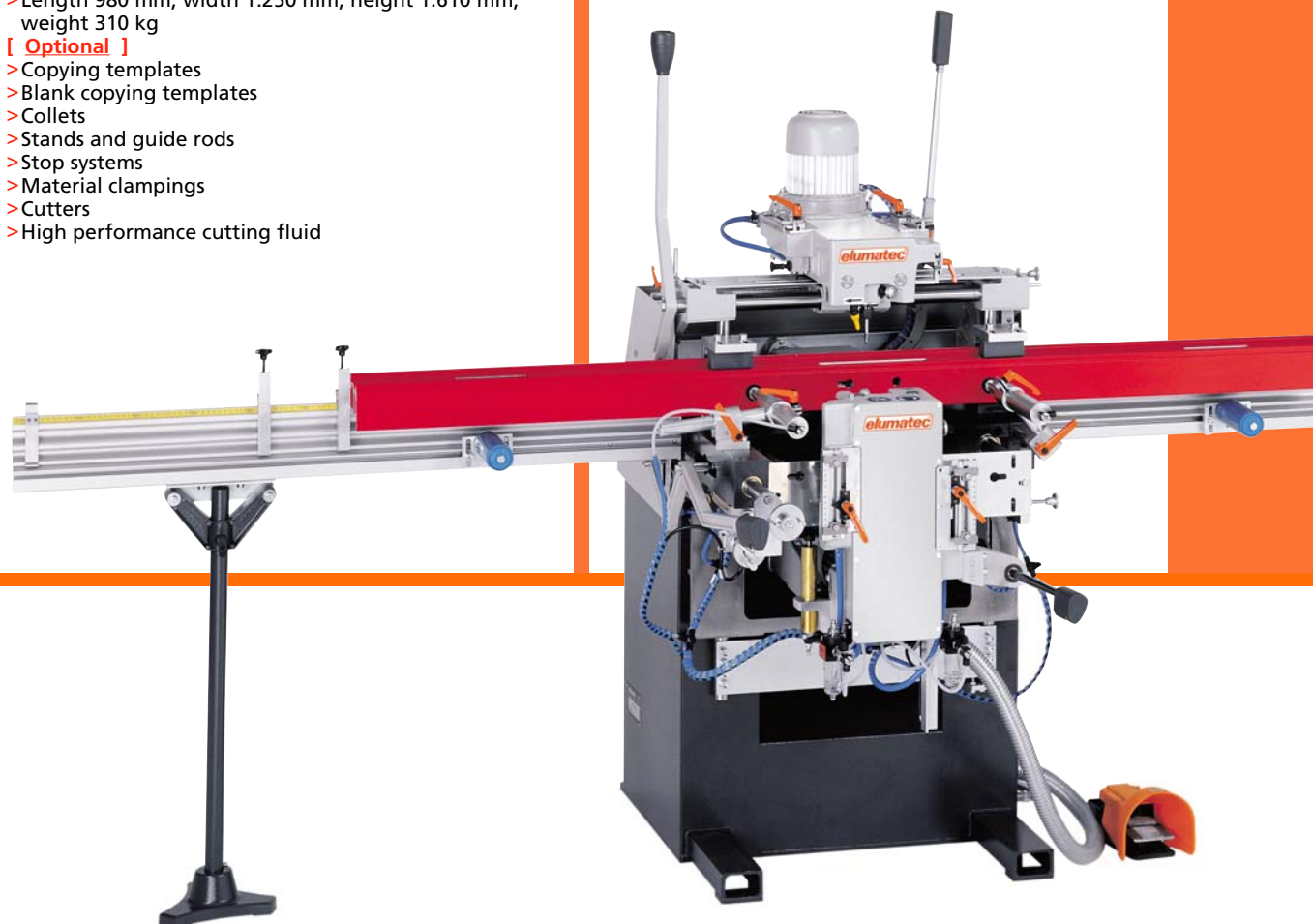
- > Spindle speed 12.000 r.p.m.
- > Clamping capacity for sections 115 x 100 mm
- > Power supply 230/400 V, 3~, 50 Hz
- > Power output each motor 0,74 kW
- > Compressed air supply 7 bar
- > Air consumption per working cycle 12 l without mist spray, 24 l with mist spray
- > Length 980 mm, width 1.250 mm, height 1.610 mm, weight 310 kg

[**Optional**]

- > Copying templates
- > Blank copying templates
- > Collets
- > Stands and guide rods
- > Stop systems
- > Material clampings
- > Cutters
- > High performance cutting fluid

Three spindle copy router KF 178/03

- > See KF 178 however:
- > Infinite speed adjustment switch from 3.000 r.p.m. to 12.000 r.p.m. for routing thin walled steel and special steel profiles



three routing operations]

[Multi spindle copy routers]

Two spindle copy router KF 78/23

- > Routing of cylinder lock holes or sneck holes in profiles up to 70 mm
- > Routing in two planes (vertical and horizontal) by means of two independent working router heads
- > Copy routing onto 1:1 ratio with both router spindles
- > Routing up to stops or from copying templates
- > Teflon coated table to protect profile surface
- > Pneumatic profile clamping horizontal

[Technical information]

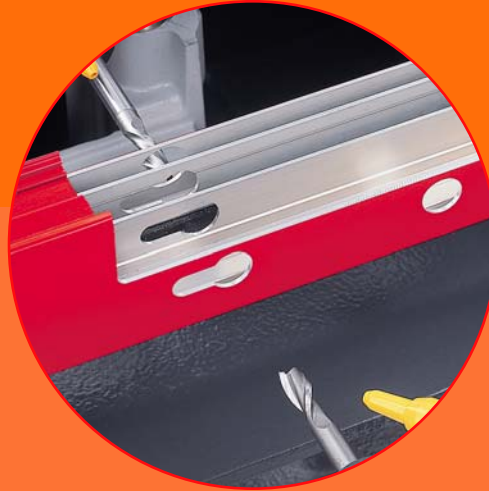
- Routing capacity horizontal
- > Routing capacity with length stop 300 x 100 mm
- > Routing capacity with copying template 270 x 70 mm
- > Stroke 80 mm

- Routing capacity vertical
- > Routing capacity with length stop 290 x 100 mm
- > Routing capacity with copying template 230 x 70 mm
- > Stroke 120 mm

- > Spindle speed 12.000 r.p.m.
- > Clamping capacity for sections 150 x 150 mm
- > Power supply 230/400 V, 3~, 50 Hz
- > Power output 0,74 kW
- > Compressed air supply 7 bar
- > Air consumption per working cycle 12 l without mist spray, 24 l with mist spray
- > Length 940 mm, width 1.150 mm, height 1.600 mm, weight 240 kg

[Optional]

- > Copying templates
- > Blank copying templates
- > Collets
- > Stands and guide rods
- > Workpiece supports and stops
- > Material clampings
- > Cutters
- > High performance cutting fluid



[02 | 03]

