

TECHNICAL DETAILS Weinig UniControl 12 year 2006

Cross-cut saw (electronic, horizontally adjustable, stepless)

Number of tools: 1 pc.

Motor power: 3.7 kW

Spindle speed: 3,000–6,000 rpm

Spindle diameter: 40 mm

Tool diameter: max. 400 mm

Axial adjustment: 150 mm NC axis, electronically stepless

Radial adjustment: pneumatic, 8 positions (e.g. edge rounding from above)

Rounding unit

Position: horizontal below

Axial adjustment: together with cross-cut saw

Electronic length stop

Length: 4,500 mm

1st & 2nd & 3rd tenoning and slotting spindle

Spindle, shaft diameter: 50 mm

Spindle speed: 2,800–4,000 rpm

Motor power: 15 kW

Tool diameter: 380–400 mm

Tool clamping length: 640 mm, with counter bearing

Axial adjustment: 580 mm NC axis, stepless

Trailing counter support (entire clamping length is counter supported)

1st & 2nd profiling spindle

Position: vertical right

Spindle diameter: 50 mm

Spindle speed: 6,000 rpm

Motor power: 11 kW

Tool clamping length: 400 mm, with counter bearing

Cutter circle min.: 140 mm

Cutter circle max.: 232 mm

Axial adjustment: 350 mm NC axis, stepless

Radial adjustment: 80 mm NC axis, stepless

Profile milling unit (grooving unit from above)

Spindle diameter: 40 mm

Motor power: 3.0 kW

Tool clamping length: 40 mm

Axial adjustment: 30 mm NC axis, stepless

Radial adjustment: 125 mm NC axis, stepless

Spindle speed: 9,000 rpm

Cutter circle max.: 130 mm

4th profiling spindle

Position: vertical right

Number of tools: variable

Motor power: 11 kW

Spindle diameter: 50 mm

Tool clamping length: 400 mm, with counter bearing

Axial adjustment: 350 mm NC axis, stepless

Radial adjustment: 80 mm NC axis, stepless

Spindle speed: 6,000 rpm

Cutter circle min.: 140 mm

Cutter circle max.: 232 mm

5th profile milling unit (hardware spindle)

Position: vertical right

Motor power: 3.0 kW

Spindle diameter: 40 mm

Tool clamping length: 160 mm

Axial adjustment: 115 mm NC axis, stepless

Radial adjustment: 100 mm NC axis, stepless

Spindle speed: 5,850 rpm

Cutter circle max.: 210 mm

6th profile milling unit (grooving unit from above), in auxiliary stand

Position: vertical right, working from above

Motor power: 3 kW

Spindle diameter: 40 mm

Tool clamping length: 40 mm

Axial adjustment: 100 mm, 8 positi