

MACHINE-DATA

Machinetype : Window production centre
Make : WEINIG
Type : Unicontrol 12 NC
Year : gebraucht
Control type : Weinig, PC-Nexus
Control : Weinig, PC-Nexus
Storage location : Oberkochen
Origin : Germany
Delivery time : immediately
Quotation : ex warehouse
Price : on request



TECHNICAL DATA

Tenoning spindle	2 St.
Number of milling aggregates	7 St.
Spindle diameter	50 mm
control	Weinig, PC-Nexus

TECHNICAL DESCRIPTION

*Weinig Unicontrol 12
with radial and axial CNC spindles as well as VARIO table and milling carriage*

*Machine dismantled professionally and in our warehouse in 73447 Oberkochen.
Video and pictures were taken before dismantling.*

*Technical data summary
(please inquire about any additional accessories included)*

crosscut saw

- > Electronic crosscut saw, horizontally infinitely adjustable*
- > Number of tools: 1 piece.*
- > Spindle speed: 2,800 rpm*
- > Spindle diameter: 40 mm*
- > Tool diameter max.: 400 mm*
- > Motor power: 3.7 kW*
- > Laser directional light to detect the saw section*
- > Axial adjustment path 150 mm NC axis, electronically infinitely variable*

> Radial pneumatic adjustment path 8 positions for e.g. edge rounding from above

Rounding aggregate

-
- > Position: horizontally below
 - > Motor power: 1.5 kW
 - > Spindle diameter: 20 mm
 - > Tool clamping length: 25 mm
 - > Spindle speed: 9,000 rpm
 - > Tool diameter: max. 130 mm
 - > Axial adjustment path mechanically coupled with crosscut saw.
 - > Radial adjustment pneumatically controlled on/off

electronic length stop

-
- > Length 4500 mm

1. Tap and slot spindle

-
- > Number of tools: variable
 - > Motor power: 15 kW
 - > Spindle diameter: 50 mm
 - > Tool clamping length: 640 mm, with counter bearing
 - > Axial adjustment path: 580 mm NC axis, continuously variable
 - > Spindle speed: 2,800 rpm
 - > Tool diameter: max. 400 mm
 - > Overtravel counter, complete clamping length is countered

2. Tap and slot spindle

-
- > Number of tools: variable
 - > Motor power: 15 kW
 - > Spindle diameter: 50 mm
 - > Tool clamping length: 640 mm, with counter bearing
 - > Axial adjustment path: 580 mm NC axis, continuously variable
 - > Spindle speed: 2,800rpm
 - > Tool diameter: max. 400 mm
 - > Overtravel counter, complete clamping length is countered

Transfer tape

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Included for transferring the parts to longitudinal machining
Separation of double parts before the start of longitudinal processing.

1. Profiling spindle (synchronous and counter-rotation)

-
- > 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 path 350 mm NC axis, infinitely variable
- > Radial adjustment path 80 mm NC axis, infinitely variable
- > Spindle speed: 6000 rpm
- > Tool flight circle min.: 140 mm
- > Tool flight circle max.: 232 mm
- > 2 feed rollers axially pneumatically controlled opposite the spindle, 8 positions
- > Table top pneumatically controlled to the tool diameter

2. 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 path 350 mm NC axis, infinitely variable
 - > Radial adjustment path 80 mm NC axis, infinitely variable
 - > Spindle speed: 6000 rpm
 - > Tool flight circle min.: 140 mm
 - > Tool flight circle max.: 232 mm
 - > 2 feed rollers axially pneumatically controlled opposite the spindle, 8 positions
 - > Table top pneumatically controlled to the tool diameter

3. Profile milling unit (grooving device from above)

-
- > Position: horizontal at the top
 - > Motor power: 3.7 kW
 - > Spindle diameter: 40 mm
 - > Tool clamping length: 40 mm
 - > Axial adjustment path 30 mm NC axis, infinitely variable
 - > Radial adjustment path 125 mm NC axis, infinitely variable
 - > Spindle speed: 9000 rpm
 - > Tool flight circle max.: 130 mm
 - > 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 path 350 mm NC axis, infinitely variable

- > Radial adjustment path 80 mm NC axis, infinitely variable
- > Spindle speed: 6000 rpm
- > Tool flight circle min.: 140 mm
- > Tool flight circle max.: 232 mm
- > 1 feed roller axially pneumatically controlled opposite the spindle, 2 positions

4. 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 path 350 mm NC axis, infinitely variable
- > Radial adjustment path 80 mm NC axis, infinitely variable
- > Spindle speed: 6000 rpm
- > Tool flight circle min.: 140 mm
- > Tool flight circle max.: 232 mm
- > 2 feed rollers axially pneumatically controlled opposite the spindle, 8 positions
- > Rung support bar clocked vertically after the last profiling spindle

5. Profile milling unit (fittings spindle)

- > Position: vertical right
- > Motor power: 3.7 kW
- > Spindle diameter: 40 mm
- > Tool clamping length: 160 mm
- > Axial adjustment path 115 mm NC axis, infinitely variable
- > Radial adjustment path 100 mm NC axis, infinitely variable
- > Spindle speed: 5850 rpm
- > Tool flight circle max.: 210 mm
- > 1 feed roller axially pneumatically controlled opposite the spindle, 2 positions

6. Profile milling unit (grooving device from above), in the additional stand

- > Position: working vertically to the right from above
- > Motor power: 3.7 kW
- > Spindle diameter: 40 mm
- > Tool clamping length: 40 mm
- > Axial adjustment range 44 mm, 8 positions using a pneumatic turret
- > Radial adjustment path 100 mm NC axis, infinitely variable
- > Spindle speed: 9,000 rpm
- > Tool flight circle max.: 130 mm

7. Profiling spindle (grooving device from below, in the additional stand)

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- > Position: horizontally below
 - > Motor power: 3 kW
 - > Spindle diameter: 40 mm
 - > Tool clamping length: 125 mm
 - > Axial adjustment path 100 mm NC axis, infinitely variable
 - > Radial adjustment path 100 mm NC axis, infinitely variable
 - > Spindle speed: 5850 rpm
 - > Tool flight circle max.: 200 mm
 - > 1 feed roller axially pneumatically controlled opposite the spindle, 2 positions

Other features

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- > online capable
 - > Folding device for tear-free folding
 - > Milling carriage for milling sashes with frame widths under 500 mm.
- Automatic pneumatic clamping
- > 9 feed rollers controlled up/down after the last profiling spindle
- faster and shorter milling process
- > Feed height adjustment with NC axis
 - > Divided pressure ruler on the left, pneumatic, divided for wood widths 40-140 mm
 - > Double parts package
 - > Return conveyor for 1-man operation: slat conveyor
 - > Screen controls
 - > Slanted window device
 - > Electronic angle display for sloping windows
 - > Control: NEXUS PC control
 - > Vario table with horizontal NC axis
 - > Automatic central lubrication
 - > Air conditioning unit in the control cabinet
 - > Machine without processing tools

If the technical characteristics of this machine do not meet your expectations correspond, please contact us. Our long-standing
Our experienced team will be happy to support you with any adjustments or
Find a machine that meets your needs!

(Technical information according to the manufacturer - no guarantee!)

Window production centre
WEINIG
Unicontrol 12 NC
Stock no. :1305-2728



VIDEO-LINKS



WEB-LINK

https://lagermaschinen.de/maschinen-datenblatt/Window_production_centre/WEINIG/Unicontrol_12_NC/1305-2728

MACHINE PICTURES

