

**FELDER®**

**structura 60.02**  
GIVE YOUR  
WORKPIECE A FACE



structura 60.

**FELDER®**



# structura 60.02

Give your workpiece a new face!



Solid wood



Panel material



Plastic



## structura 60.02

- » Brush height:  $1/8 - 7 7/8$ "
- » Brush width:  $25 19/32$
- » Steel brush brushing aggregate, Tynex brush brushing aggregate
- » Cutting speed: 1,000 rpm

The solid machine chassis of the robust structura brushing machine offers maximum stability. With a working width of  $25 19/32$ " and a variable adjustable infeed height of  $1/8$  to  $7 7/8$ ", the machine is also suitable for larger workpiece requirements. The single sided mounting of the aggregates enables the processing of extra wide workpieces.

## ... Your decision for Felder, a risk-free decision

- » The right machine for every budget
- » Complete reliability in professional use
- » Tailor made machine solutions
- » High quality cast iron machine table and aggregates
- » Innovative detail solutions derived from 65 years of experience - already included in the standard configuration
- » First class manufacturing and finishing standards
- » Intuitive application concepts
- » Modern, distinct design
- » Quality and precision from AUSTRIA
- » Powerful and efficient
- » Complete package: Comprehensive service support

# The most important highlights at a glance



### Machine chassis open to one side for extra wide workpieces

The solid machine chassis of the robust structura brushing machine offers maximum stability. The single sided mounting of the aggregates enables the processing of extra wide workpieces.



### Through feed height of 1 7/8 - 7 7/8"

With a working width of 25 19/32" and a continuously adjustable infeed height from 1 7/8 to 7 7/8", the machine is perfectly equipped for large challenges. Optional 9 27/32"



### Oscillation of the brushes (optional)

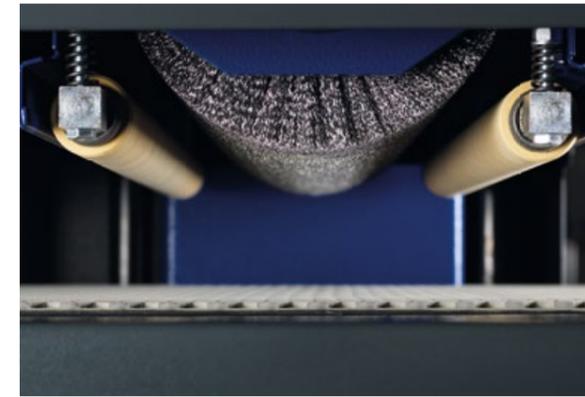
The oscillation is particularly suited for facilitating the smooth and fine structuring of transverse wood surfaces and for creating special effects in the wood structure.



### Control

The clearly structured and intuitive operating control panel offers maximum operating comfort for maximum productivity.

## Details



### Steel brush aggregate

Both of the brushing units are driven by powerful 4 kW (5.5 hp) motors rotating in the opposite direction to the workpiece feed. The first aggregate is equipped as standard with a steel brush (D=7 7/8"). The electrical height adjustment and the manual fine adjustment of the 2nd brush unit make it possible to adjust to the required depth of cut quickly and accurately.



### Tynex brush aggregate

The second aggregate is equipped as standard with a Tynex brush (D=7 7/8" K60). The electrical height adjustment and the manual fine adjustment of the 2nd brush unit make it possible to adjust to the required depth of cut quickly and accurately. Both of the brushing units are driven by powerful 4 kW (5.5 hp) motors rotating in the opposite direction to the workpiece feed.

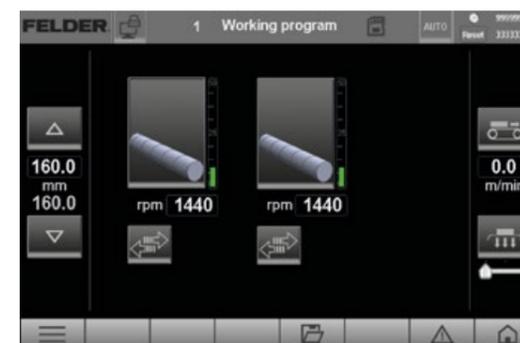


### Variable feed speed adjustment for optimum working results

The infeed with a table height of 35 7/16" and a continuous feeding belt with a web structure has an adjustable speed of 2.5-10 m/min.



### Dust Extraction



(Symbolic image with extra equipment)

### 7" Touchscreen control (optional)

The clearly structured and intuitive 7" color touch screen provides maximum comfort and productivity at the touch of a button. The available machine functions are displayed graphically and can be selected as required.

- » 100 program memory spaces
- » Maintenance intervals
- » Plain text error messages
- » Ammeter for load monitoring

## Technical specifications

Electrics	structura 60.02
001 3x 400 V motor voltage	S
002 3x 230 V motor voltage	O
004 50 Hz motor frequency	S
005 60 Hz motor frequency	O
36 Switch contact for gate control (price/piece)	O

Control systems	
59 Control panel with 7" color touch screen	O
- Plain text error messages	S
- Maintenance intervals	S

Feed table	
19 Fold away working table on the infeed side, L=39 3/8"	O
20 Fold away working table on the outfeed side, L=39 3/8"	O
21 motorised in & outfeed function including repeat control for several work processes (#19/#20)	O
27 Oscillation control brush aggregate, stroke 12mm, 60 oscillations / min	O
28 Opening height 9 27/32" instead of 7 7/8"	O
- Automatic feed belt centring	S
- Electric height control incl. fine adjustment from the control panel	S
- Conveyor belt without a joint	S
- Constant feeding height - fixed table, 35 7/16"	S
- Variable feed speed adjustment from 2.5–10 m/min adjusted from the control panel using an inverter	S

1. Brush aggregate	
22 Motor power 5.5kW instead of 4kW	O
23 Var. cutting speed 250–1500rpm	O
- Steel brush D=7 7/8" L=27 9/16"	O

2. Brush aggregate	
- 1 motor with 4 kW (5.5 HP)	S
24 Motor power 5.5kW instead of 4kW	O
25 Var. cutting speed 250–1500rpm	O
- Function operation in counter rotation	S
- Mechanically pre-stressed rubber pressure rollers	S
- Cutting speed 1,000 rpm	S
- Tynex brush K60 D=7 7/8" L=27 9/16"	S

General	structura 60.02
- Dimensions (L x W x H inch)	1,455 x 1,070 x 1,250
- Extraction connection in mm	2 x 120
- Compressed air requirement	6
- Brush width in mm	650
- Brush height in mm	3–200 (250)
- Weight kg (with standard configuration)	850

Important accessories	
- EM-07124430 – Tynex brush K60 (plastic core)	O
- EM-07124440 – steel brush (plastic core)	O
- EM-07124710 – Basic body for abrasive brush for structura 60.02, Ø7 7/8" L 25 19/32"	O
- EM-SPA2067565 – Set of 20 Tampico strips for insertion on chassis K150	O

Transport	
221 Container transport preparation	O

**Product range**

**Sliding Table Panel Saws**

K 945 S    K 740 S    K 740 professional    K 700 S    K 700 professional    K 700    K 540 S    K 500 S    K 500 professional    K 500

**Shapers**

F 900 M    F 900 Z    F 700 M    F 700 Z    F 500 MS    F 500 M

**Saw-Shapers**

KF 700 S professional    KF 700 professional    KF 700    KF 500 professional    KF 500

**Planers**

AD 951    AD 941    AD 741    AD 531    A 951 L    A 941    D 951    D 963

**Combination machines**

CF 741 S professional    CF 741 professional    CF 741    CF 531 professional    CF 531

**Bandsaws**

FB 940 RS    FB 740 RS    FB 940 S/SW    FB 740 S/SW    FB 940/840    FB 740/640    FB 710    FB 610    FB 510

**Dowel Boring Machine, Drilling Machine and Horizontal Mortiser**

FD 29 professional    FD 21 professional    FD 250

**Heated Veneer Presses**

MVP 31.14 flex

**Wide Belt Sanding Machines**

FW 1102 perform    FW 1102 classic    FW 950 classic    FW 850 classic

**Brushing Machine**

structura 60.02    structura 40.02

**Belt and Edge Sanders**

FS 722    FS 900 KF    FS 900 K    FS 700 K

**Edgebanders**

G 560 / G 580 classic    G 500 EX    G 380    G 360    G 330

G 263    G 220    ForKa 300 S eco

**Vertical panel saw**

KV 925

**Extraction Units & Briquetting Presses**

RL 350    RL 300    RL 250    RL 200    RL 160    RL 140    RL 125

FBP 50/60/70    AF 22-D200    AF 22 Mobil/Stand/Wandmontage    AF 16    AF 14    AF 12

# FELDER®

## FELDER Quality and precision in a nutshell

Since 1956, a guarantee for perfect results with excellent ease of use and reliability in regular professional use. Woodworkers are always enthusiastic about the individual and solid solutions for small and mid-sized businesses.

### FELDER GROUP

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