

FELDER®

structura 60.02

GIVE YOUR
WORKPIECE A FACE



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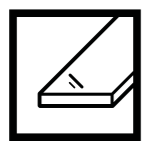
Give your workpiece
a new face!



Solid wood



Panel material



Plastic



structura 60.02

- » Brush height: $1\frac{1}{8}$ - $7\frac{7}{8}$ "
- » Brush width: $25\frac{19}{32}$ "
- » 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 $25\frac{19}{32}$ " and a variable adjustable infeed height of $1\frac{1}{8}$ to $7\frac{7}{8}$ ", 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 $1\frac{1}{8}$ - $7\frac{7}{8}$ "

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



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.

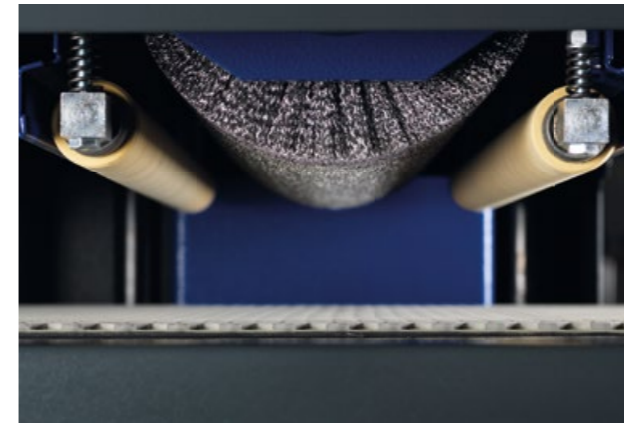


Control

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

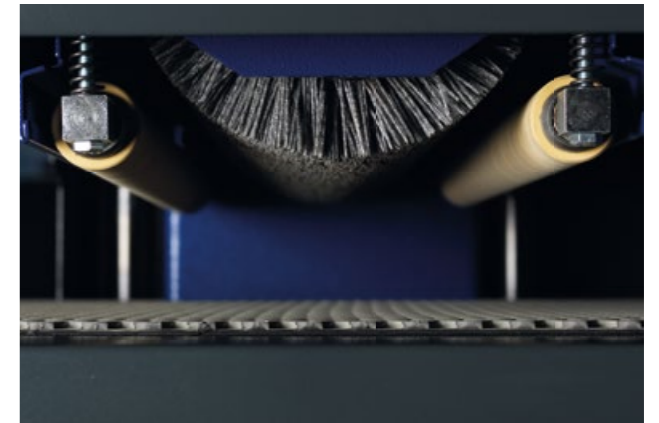
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Details



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= $7\frac{7}{8}$ "). 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= $7\frac{7}{8}$ " 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.

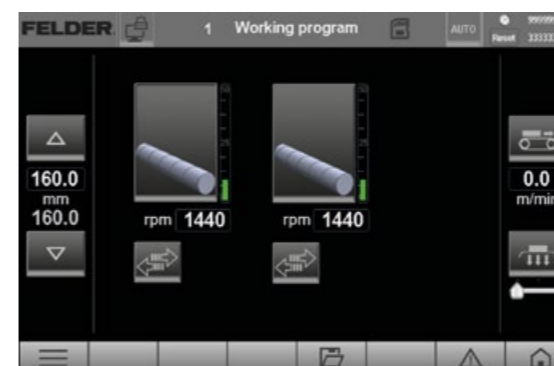


Variable feed speed adjustment for optimum working results

The infeed with a table height of $35\frac{7}{16}$ " 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



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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 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.

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