

Lamello wood joining system



1. Cut grooves



2. Apply glue



3. Insert biscuits



4. Clamp work piece

5 Lamello system advantages



1. Easy

- **Easy & fast aligning** with pencil markings
- No additional stops and positioning aids
- **Lateral positioning tolerance** when cutting



2. Fast

- **Shortest cutting time** per joint
- **No tool change** - cut 9 different joining elements with the same tool
- **Same cutting depth** for both work pieces



3. Precise

- The tool cannot deflect, therefore precise grooves
- **Highest precision** even at very fast working speeds
- **Even without dust extraction** clean and precise groove quality



4. Flexible

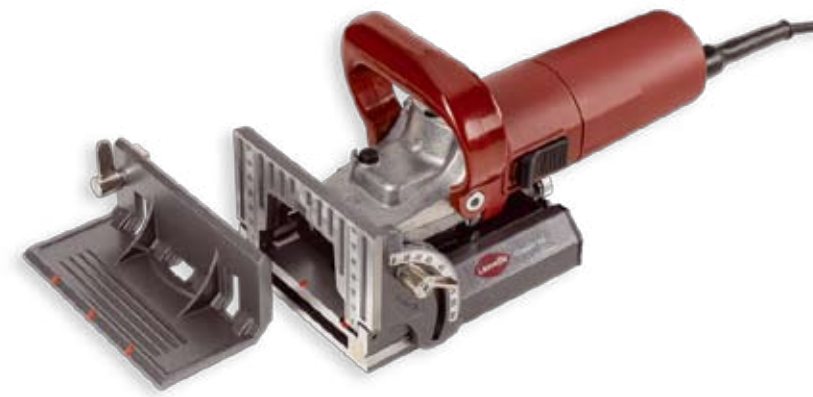
- **Lateral tolerance** during assembly assures great flexibility
- Even **thin work pieces** can be joined at any angle e.g. work pieces with 8 or 12 mm thickness



5. Cost effective

- **Low maintenance costs** throughout entire life of machine
- Tool maintenance comprises **one cutting tool only** (sharpening and replacement)

Biscuit joiner Classic C3



Mutual features of Classic C3 and Top 20 S4:



Machined high-precision reference surfaces

Plane and right-angled for accurate applying on the work piece



Long-lasting precision guidance

Effects accurate and parallel groove for perfect fitting accuracy of the work pieces



Central locking system

Quick slide-open base plate without the use of tools



Multifunctional stop square

Outside flush mitre joints, even with work pieces of different thickness

Fixed to base plate for a large and safe working surface when using the machine in a vertical position

Lamello System Plus+



Joining with biscuits



Fixo self clamping biscuit



Duplex hinges



Cutting grooves



Clamex biscuit-shaped connector (8 mm cutter Art. No. 132108, drill jig Art. no. 125240)



Wood repairs (Minispot cutter Art. No. 132217)



Expansion gaps (Saw blade Art. No. 132380 and slide shoe Art. No. 251057)



Trimming edges (Lamello Nova Art. No. 121280)

Video Clip
More applications
www.lamello.com

Biscuit joiner Top 20 S4



Additional features of Top 20 S4:

+ Height adjustable cutter

Scale +/- 2 mm in steps of 0.1 mm (total 4 mm)

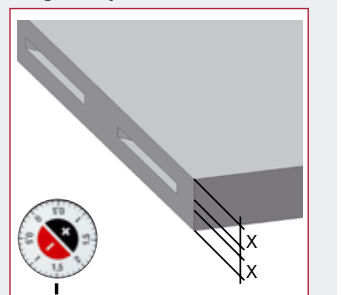
Adjust groove position to exact center of the work-piece

Individual positioning of the groove

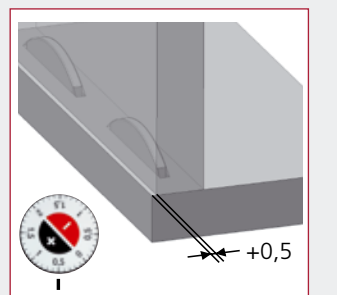
Easy joining of projecting or rejecting workpieces



Advantages of the height adjustment



Adjust groove to middle



Work piece protruding

Technical data

	Classic C3	Top 20 S4
Power	750 W	800 W
Voltage	120 V and 230 V	120 V and 230 V
Speed	10'000 RPM	10'000 RPM
HW-cutter	100 x 4 x 22 mm	100 x 4 x 22 mm, hub
Teeth	Z6 (3+3) with alternating teeth	Z2 + V4 with scoring teeth
Max. groove depth.	20 mm	20 mm
Weight	3,1 kg	3,5 kg
Art. No.	101252	101070

Standard accessories included:



Top 20 S4 / Classic C3:

- + with HW-cutter
- + Suction stub 23 mm
- + Stop square
- + Slip-on plate 4 mm
- + Set of tools
- + Manual
- + Wooden case or Systemer

Additional for Top 20 S4:

- + Extractor stub 36 mm
- + Dust bag

+ New 800 watt motor

Optimised fan

Soft start

Service-friendly

Well-balanced machine

+ Precision groove cutter

with scoring teeth and hub

+ Dust bag

and extractor stub Ø 36 mm

Joining Elements



E20-L: 56 x 11.5 x 4 mm



E20-H: 23 x 28 x 4 mm



66 x 29 x 8 mm

Fixo - self clamping biscuit

Connects and clamps the work pieces with one strike because of curved ridges for clamping action. No clamps - no waiting time. Applications are e.g. frame and plinth connections etc.

Fixo, mixed (40 pcs E20-L, 40 pcs E20-H)	145020
Fixo, E20-H (400 pieces)	145026
Fixo, E20-L (400 pieces)	145025

Clamex - biscuit-shaped connector

For demountable aesthetic constructions especially for various angle and frame connections for furniture etc.

18 Pairs Clamex S-18	145231
80 Pairs Clamex S-18	145236



new



new

The original always fits ideally

- perfect fit into groove (small tolerance)
- easy handling and insertion
- accurate glue distribution

Wooden Lamello plates per 1000 pieces

Size 20:	56 x 23 x 4 mm	144020
Size 10:	53 x 19 x 4 mm	144010
Size 0:	47 x 15 x 4 mm	144000
Size S6:	85 x 30 x 4 mm	144006
Size H9:	38 x 12 x 3 mm	144009

K20 - Clamping plate

Fitting aid for work pieces which are difficult to clamp like screens, crown moulding etc.

Box of 250 pieces	145000
80 pieces	145001

C20 Plate

For joining solid surface materials such as Corian®, Varicor® etc. Made of translucent plastic

Box of 250 pieces	145010
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Simplex

Detachable joining elements in two parts for ceiling panels, screens, shelves and general casegoods

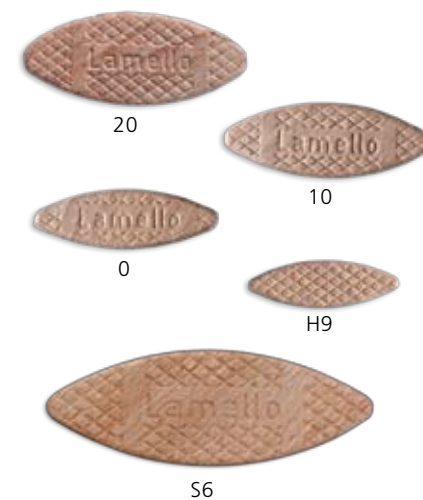
Box of 100 Pairs	166100
Box of 50 Pairs	166101
Recommendation: insertion tool	166110

Duplex

2-piece detachable hinges

Nickel plated 20 pieces left	166011
Nickel plated 20 pieces right	166012
Nickel plated 10 pieces each, left and right	166013

Also available in black and brass.



60 x 24 x 4.5 mm



60 x 23 x 4 mm



54 x 23 x 4.1 mm



Glue applicators



Dosicol

- Handy glue applicator with an adjustable metering pump
- One stroke glue application
- The volume is freely adjusted by the metering ring
- Accurate dispensing, optimal for biscuit and dowel joints

Dosicol Mod. 20, for Lamello grooves size 20 and 10	177000
Dosicol Mod. D, for dowel holes Ø 8, 10, 12 mm	177007



Minicol

- The all purpose glue applicator with a sturdy bottle stand in solid wood
- Nozzle facing downwards in the stand for quick use
- Bottle stand prevents the glue from drying up in the nozzles

Minicol Mod. KS, with plastic nozzle	175500
Minicol Mod. M, with metal nozzle	175550



Servicol

- All purpose glue applicator with a simple holder
- Nozzle facing downwards in the stand for quick use
- Bottle stand prevents the glue from drying up in the nozzle

Servicol Mod. KS, with plastic nozzle	175560
Servicol Mod. M, with metal nozzle	175570
Servicol Mod. X, with pointed nozzle	175580



Correct glue application



Clamping Set



Clamping Set

Easy clamping system for gluing case work, drawers, frames, wall and floor panels.

In 3 parts	175020
1 pair of clamps with 8 m (8,7 yd.) belt	
4 profile sections, length 60 cm (0,65 yd.), aluminum	
1 pair of tension hooks	



Cutters



Cutter for Top 20
(Art. No. 132000)



Cutter for Classic
(Art. No. 132106)



HW-Reversing blades
cutter for Top (Art. No.
132001)



HW-Reversing blades cut-
ter for Classic (Art. No.
132130)



Swiss made

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Lamello

Wood Joining System

Efficient system ranging from cutting of grooves to the clamping of the prepared parts

