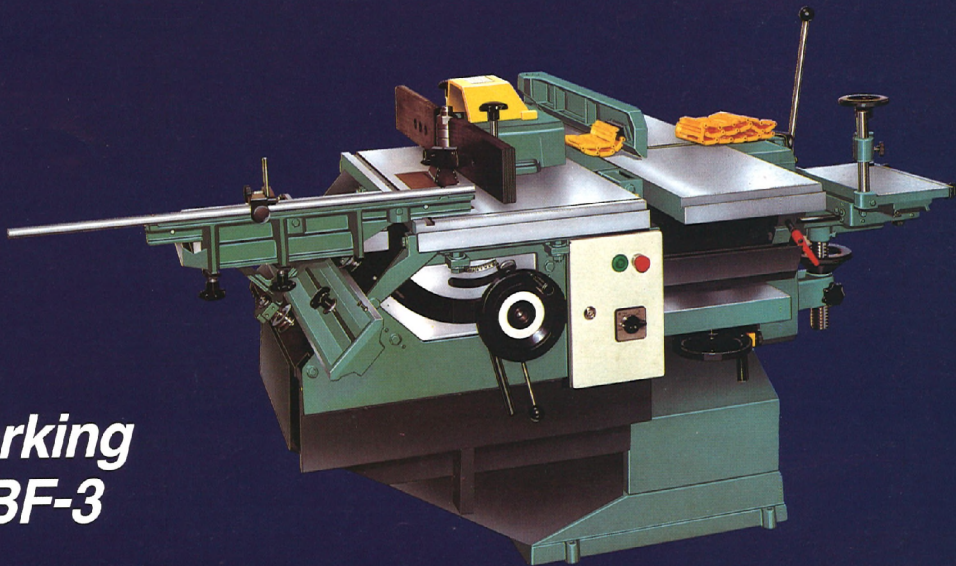


FELDER

is systematic

*The
Woodworking
System BF-3*



The FELDER Woodworking System BF-3

The FELDER BF-3 Woodworking System represents the state-of-the-art in multi-function woodworking machines today! The features listed below provide for a machine with the utmost precision and reliability — a tool that is extremely functional, stable and which performs all basic cabinetmaking functions.

- Vibration-free, solid construction with solid, precision-machined castings throughout.
- Precision ball bearings throughout.
- Extremely fast changeover from one function to another through the fully electronic FELDER control system.
- Highest precision due to the most modern machining and quality control procedures.
- Unmatched shaping versatility through the tilting shaper spindle mechanism.
- Full use of table saw capabilities through the tilting arbor saw mechanism.
- Ability to work with all sizes of work pieces, including large panels, due to the patented FELDER table extension system.



Jointing & Surfacing

The precision-ground jointer tables of the BF-3 make edge jointing or surfacing of rough lumber particularly easy.

The jointer fence is a carefully machined, rigid casting which can be adjusted and set at any angle from 45 to 90 degrees.

Jointing depth, adjusted by a handwheel, can be set from 0 to 5 mm (0 to 3/16"). The cutting depth is read from the attached scale. If you are jointing or surfacing long boards, the jointing tables can be extended up to 2000 mm (79") by means of the patented FELDER table extension system.

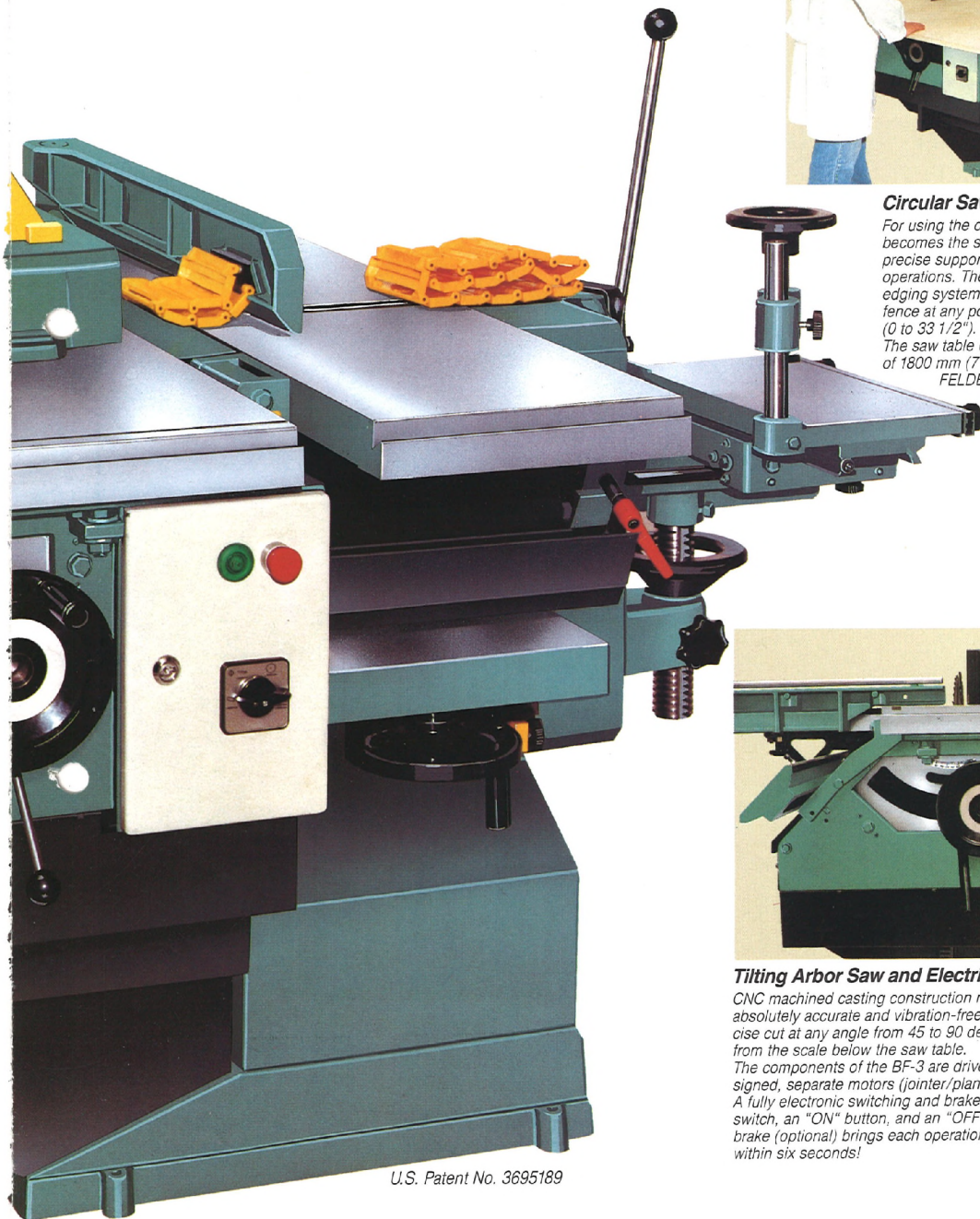


Planing & Thicknessing

The BF-3 planer allows you to plane a previously surfaced board to an exact and uniform thickness. When using the planer, the BF-3 jointing tables are set upright, where they automatically lock in position.

The thicknessing depth of the BF-3 is adjustable from 0 to 190 mm (0 to 7 1/2"). The automatic feed of the workpiece can be started or stopped while the machine is running by means of the conveniently located clutch lever. If you are thicknessing long boards, the planer table can be extended to a length of 1300 mm (51 1/4") by means of the patented FELDER table extension system.



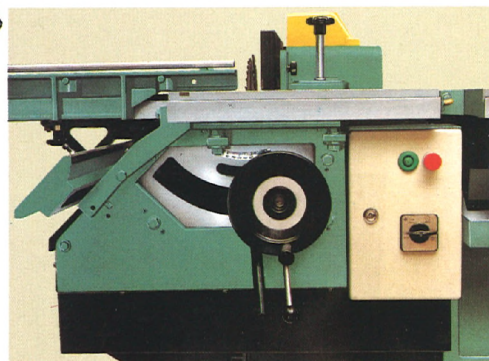


U.S. Patent No. 3695189



Circular Sawing

For using the circular saw, the jointing fence becomes the saw fence and provides precise support and guidance for ripping operations. The patented FELDER table edging system allows positioning of the fence at any position from 0 to 850 mm (0 to 33 1/2"). The saw table can be extended to a length of 1800 mm (71") by means of the patented FELDER table extension system.



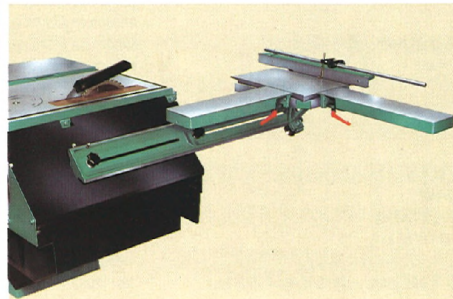
Tilting Arbor Saw and Electrical System

CNC machined casting construction makes the tilting arbor saw absolutely accurate and vibration-free, thus giving you a very precise cut at any angle from 45 to 90 degrees. The setting is read from the scale below the saw table. The components of the BF-3 are driven by three, specially designed, separate motors (jointer/planer/mortiser; saw; shaper.) A fully electronic switching and brake system contains a selector switch, an "ON" button, and an "OFF" button. The electronic brake (optional) brings each operation to a complete standstill within six seconds!



Miter Cuts

Miter cuts, even with large panels or boards, can be achieved with the tilting arbor saw.



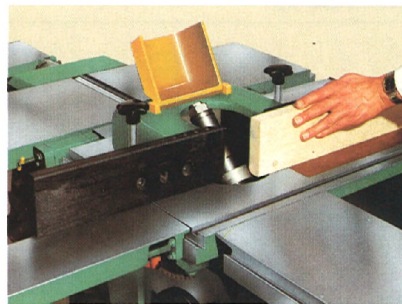
Sliding Table

The sliding table and its supports are constructed of precision machined castings. The table is supported by a track and ball bearings. The track can be moved from front to back and can thus be positioned relative to the size of workpieces being cut. For working with larger panels, the sliding table can be enlarged by means of the patented FELDER table extension system.



Shaping

The BF-3 shaper fence guarantees precise and safe shaping. When shaping larger workpieces, the shaper table can be extended to 1800 mm (71") by means of the patented FELDER table extension system.



Tilting Shaper Spindle

The BF-3 contains a tilting shaper spindle mechanism which means that only very few shaper heads are needed to produce a multitude of shapes. The spindle can be accurately set at any angle between 45 and 90 degrees.

Height adjustment of the shaper spindle is accomplished by means of a handwheel. For quick removal of the shaper spindle with tooling in place, only one lever needs to be released. With this method it takes 2 seconds to remove or to replace the unique shaper spindle.



Mortising

The mortising table is supported by sixteen precision ball bearings and is operated by means of a single lever connected at the rear of the table. When working with large workpieces, the jointing table can be tilted upright and you can stand behind the mortising head to operate and gain a clear view over the mortiser.



Mortising

The special mortising chuck will accept bit shanks up to 13 mm (1/2"). It can be run clockwise or counterclockwise. The mortising table contains stops for left and right positions, as well as a depth stop. Height of the table is adjusted by means of the handwheel below. After the mortising table is released from the 90 degree position, it can be positioned up to +45 or -45 degrees relative to the mortising chuck.

FELDER

is systematic

Production Program



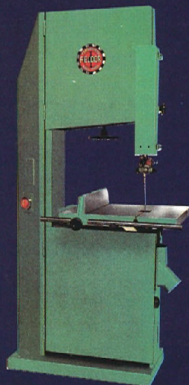
Universal Woodworking Machine
BU8-FK 31/41



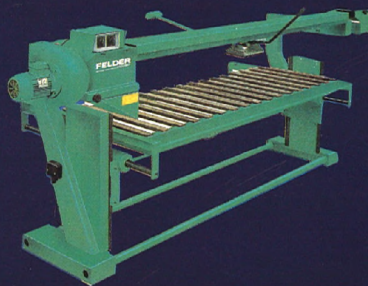
Combined Surface-Thickness Planer
BU8-31/41 AD



Combined Circular Saw-Shaper
(Spindle Moulder) KFS 33



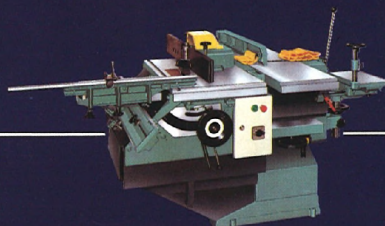
Band Saw
400-800 mm



Belt Sander



Accessories and Tools



Woodworking System BF-3