

SAVI INDUSTRI A/S

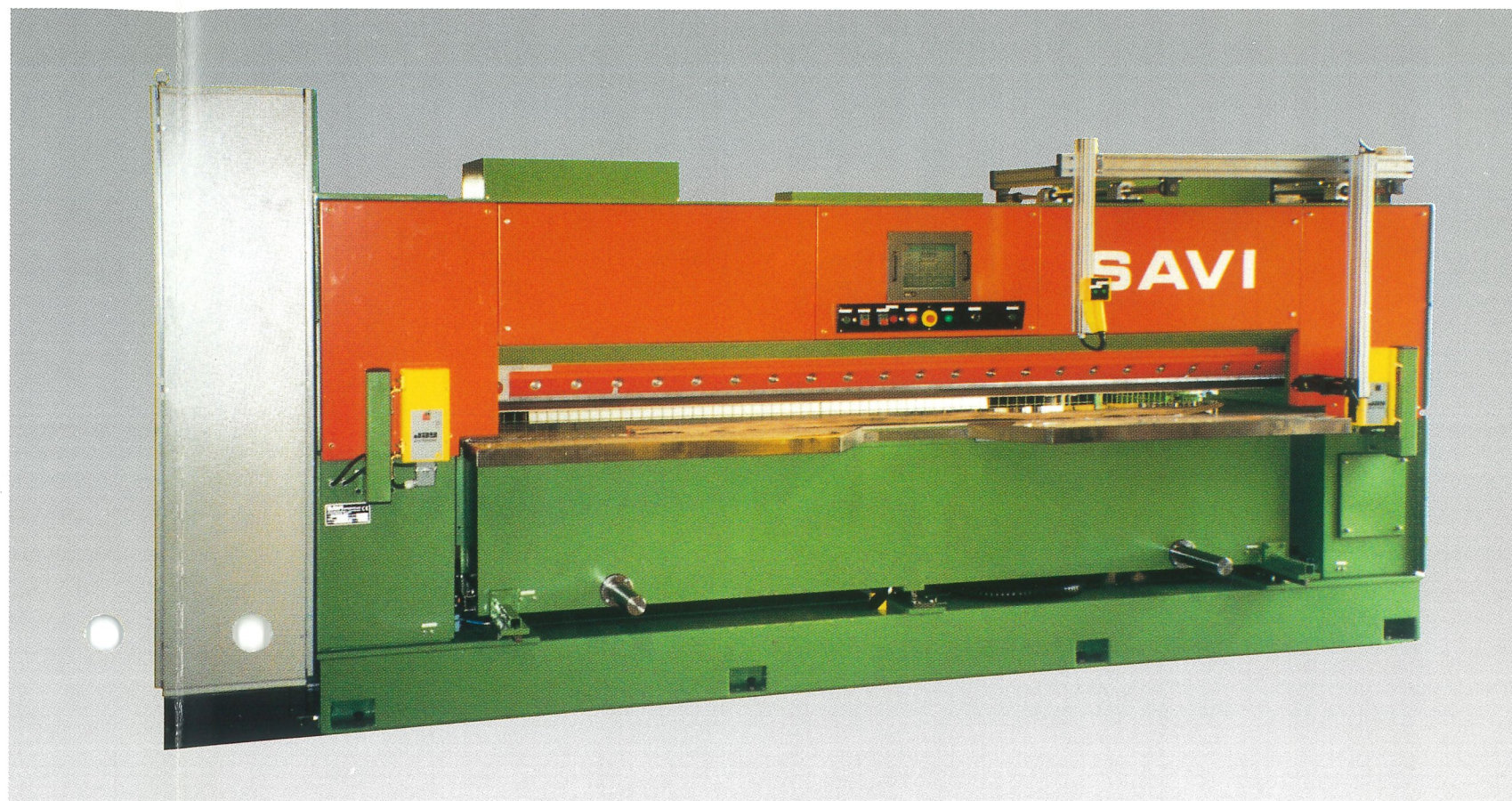
SAVI Double Knife Veneer Guillotine

Model D is as standard produced with a cutting length of 2800, 3200, 3600 mm. Other sizes on request.

With the development of this double knife veneer guillotine with PC-unit operation many advantages are now available to the veneer industry. The SAVI double knife veneer guillotine is equipped with two knives. The cutting width between the knives is adjustable

SAVI double knife veneer guillotine has the following advantages:

- The cut veneer is absolutely parallel
This accuracy is obtained by the fact that the whole veneer-pack is under pressure, so that buckles in the veneer will be straightened out, while cutting of the veneer on both sides is done at the same time.
- Timesaving - short working cycles
Timesaving, because the veneer-pack is cut on both sides at the same time. Short working cycles because of high speed movement on the table.
- PC-unit working in Windows
The PC-unit is able to hold 500 programs in each type of program. In direct program you can work in 16 different veneer widths at the time. The PC-unit makes it much easier to cut veneer out from the centre.
- Veneer optimising system
The PC-unit calculates the number of veneer sheets to the wanted finished dimensions by it self. The PC-unit is able to calculate the finished dimension even with different widths on each veneer sheet.



Various sections of the Veneer Guillotine:

Table section (A) is moved forwards and backwards under front knife (D) and pack beam (C) by a servo-motor.

The laser line (B) indicates, where rear knife (E) will cut, when table section (A) is in initial position.

The laser line (B) indicates, where front knife (D) will cut, when table section (A) is moved to the required position.

The pack beam (C) clamps the veneer pack in its whole width during the cutting. Front knife (D) is mounted on the main frame and cuts from above and down against table section (A).

Rear knife (E) is mounted on the rear of the table section and cuts downwards and up against the pack beam (C).

Fingers (F) are used for adjustment of the veneer pack.

The fingers can be adjusted at various distances from rear knife. Veneer waste from rear knife slides away automatically from the knife.

Cutting plates are mounted on table-section (A) and pack beam (C).

Both cutting plates are kept firmly in position by double tape.

PC-unit

The front panel contains fingertouch screen and operation panel for carrying out the various operation modes and for entering of programs.

THE FOLLOWING VARIOUS OPERATION MODES CAN BE OBTAINED THROUGH THE SCREEN:

- Both knives cutting
- Only front knife cutting
- Cutting without second cut
- Cutting with second cut - extra equipment
- Table return to initial position after cut
- Table remaining after cut
- Fingers in position after cut
- Fingers disengaged
- Normal running
- Replacing position for knife

The various operation modes can be combined as required.

The PC-unit is able record the day's production.

The language in the PC-unit is easily converted to your language.

Description of the programs in the PC:

There is 500 different programs in each type of programs.

Manuel program:

The wanted width/or cutting according to the actual laser-position is keyed in this program.

Direct program:

One of the 16 pre-programmed widths are chosen in this program /or the Operator marks the edge of the veneer, after which the PC chooses the closest measure smaller than the distance of the laser. Numbers for the separate widths plus jobnumbers can be keyed in in this program.

End dimension:

The wanted finished width and min/max pieces of veneer to reach the finished width is keyed in in this program.

The PC will in this program control how many of the wanted numbers that there are produced.

Fixed dimension:

This program is used, if you want a material in which there are different veneer-widths.

The PC will automatically control, how many pieces there is missing to get to the wanted finished width.

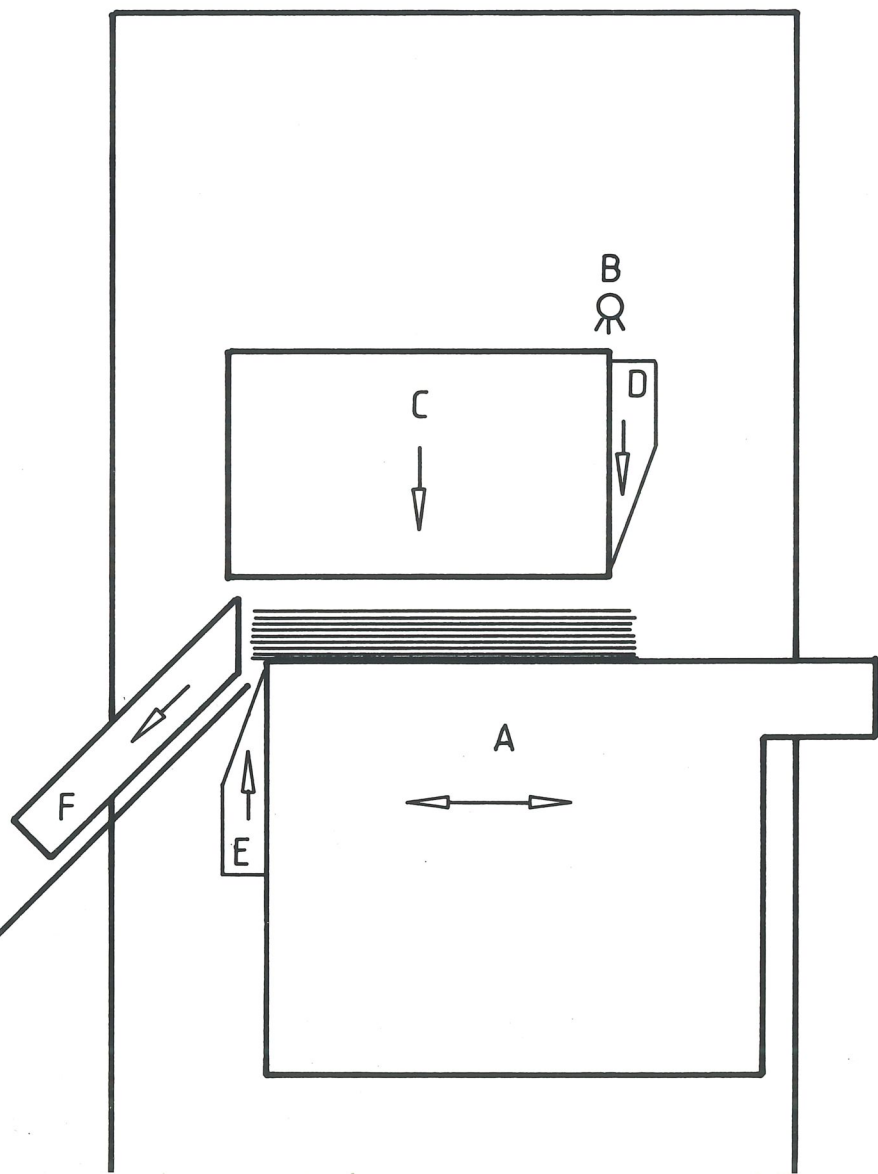
Setup:

In this program there are machineparameters, language, change of knives and function setup (both knives cut/tableposition after cut/fingers active or inactive/measure in inches or mm)

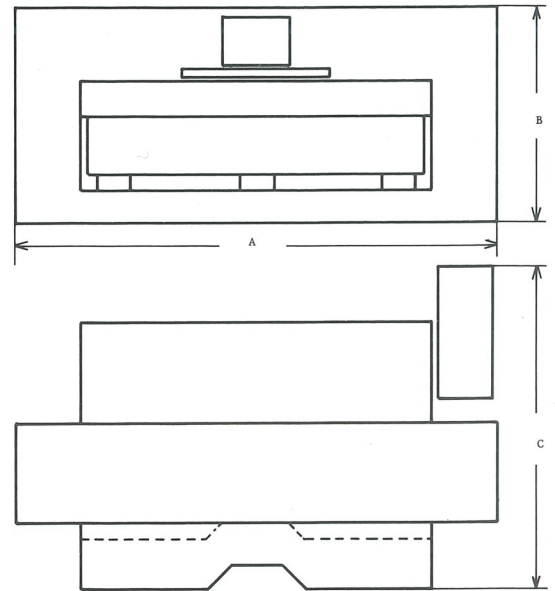
Reference:

Reference position is made in this program.

The advantage of using a PC is that the Operator is guided through the program and will be advised, if something is done wrong. At the same time a great deal of the limit switches on the machine are connected to the PC, so that fault-finding and adjustment will be easier.



Type		D-28	D-32	D-36
Cutting length	mm	2800	3200	3600
Table-surface	mm	980	980	980
Daylight opening	mm	80	80	80
Max. cutting width	mm	480	480	480
Min. cutting width	mm	20	20	20
Standard dimensions:				
A	mm	4600	5000	5400
B	mm	1950	1950	1950
C	mm	2900	2900	2900
Motor	kw	11	11	11
Shipping dimensions				
Guillotine:				
Length	mm	4800	5200	5600
Width	mm	1300	1300	1300
Height	mm	2300	2300	2300
Net weight	kg	7000	7500	8000
Cross weight	kg	7600	8150	9200
Hydraulic-tank:				
Length	mm	1250	1250	1250
Width	mm	700	700	700
Height	mm	1250	1250	1250
Net weight	kg	500	500	500
Cross weight	kg	600	600	600



We reserve the right to make technical modifications without notice

Standard equipment for D-28, D-32, D-36

Knives and cutting plates are mounted on the guillotine
 Complete hydraulic equipment with motor
 PC-unit working in Windows'95 with fingertouch screen
 Code for machine parameters
 Optimising system in the PC-unit
 Fixed laser line
 Moveable laser for automatic measurement of the width
 Fingers for adjustment of the veneer pack
 Safety light barrier of knife and pack beam in front
 Physical covering of the rear of the machine
 Emergency switch
 Main switch

Options:

Longer/shorter cutting length
 Wider cutting width
 120 mm daylight opening
 Second cut

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