

HYDRAULIC VENEER PACK GUILLOTINE SHEAR Mod. GOH 3100

Technical data:

Max. working length	mm 3100
Daylight opening of the clamping beam	mm 75
Max. working width	mm 600
Min. working width	mm 25
Pressor width	mm 150
Hydraulic unit motor power	HP 5 (kW 3,73)
Rear feed motor power	HP 0,5 (kW 0,37)



We reserve the right to change specifications and design without notice. Pictures are purely informative.

Structure: welded steel base, with ribbed sections to ensure high stiffness. Heavy upper frame both on the front side and the back side of the knife beam.
The length overall dimension is compact.
Annealing process for eliminating internal stresses.

Knife beam and clamping-beam: highly ribbed to ensure best stiffness. The knife beam is moving between three couples of self-lubricated slide-ways. The clamping-beam is equipped with torsion bar.
The clamping beam 150 mm wide allows a perfect pressure on the veneer pack.
For quick replacement of the knives, the appropriate tools are supplied.

Working cycle: it is automatic. By pressing contemporaneously two push-buttons on the control panel, you have in sequence the coming down of the pressure beam, the cutting, the coming up of the pressure beam.

Rear fence: parallel fence with high speed motordriven positioning, fitted as standard equipment.

A millimeter counter allows to measure the distance between the rear fence and the cutting line.

Angular fence: on the left side of the machine table, it permits easier alignment of the veneer.

Cutting line: a special plastic cutter counter gib with 4 cutting points.

Hydraulic system: hydraulic unit with a 5 HP motor including automatic speed and pressure governors of the press. Pump with high efficiency and low noise.

Oil tank capacity 42 liters. *Adjustable valves for speed and pressure control (optional), the pressure of the clamping beam cylinders and the cutting beam cylinder can be separately adjusted.*

Hydraulic safety devices, that stop the downward movement of the pressure beam and the knife beam, if there is no control by means of the push-buttons on the panel board

Safety: safety devices, hydraulic and electrical, prevent the accidental coming down of the knife. Two-hands control, antirepeat devices.

Optionals :

- Cutting edge light.
- Photocells.
- Second finishing cut.
- Electronic sizes read-out, absolute and partial.
- Electronic programmer, complete with read-out, to program sizes to be cut and number of cuttings; feeds are with brushless motor performed.
This device is manufactured with high quality electronic components in order to assure reliability. It allows to enter on the programming system key board the distance to be reached between the back fence and the cutting line (cutting width). The back fence will reach the position.

It is also possible

- to store up to 99 cutting widths, that you can quickly pick out on the push-button panel
- to store the working cycles, programming the working widths and the number of cuttings to be executed.

On the screen you can read the distances and the stored programmes.

The electric motor driving the movement of the back fence is "brushless" type. This motor allows shorter response times and quicker motion of the rear feed than the traditional D.C. motors. The movement of the back fence is driven by a ballscrew