

VERTICAL CUTTING MACHINE TYPE NSL - MANUAL OPERATION FOR FLEXIBLE FOAM AND LIGHT BONDED FOAM



The indispensable vertical bandknife for straight, bevel and fashion cutting of foams and related materials.

Cutting two ways it is well suited for serial production of cushions, sheets, sponges and most types of components, as well as for full blocktrimming.

The manually operated vertical cutting machine type NSL is the most popular conversion machine and is to be considered one of the basic machine within the foam conversion industry.

Outstanding features:

- Robust construction.
- Rigid, free moving, aluminum faced table.
- Centrally suspended bladewheels.
- Large diameter bladewheels.
- Roller blade guides.
- Two way cutting.
- Designed to be versatile.
- Minimum maintenance.
- Optional features available.

STANDARD EQUIPMENT:

- Manually operated roller table with aluminum covered table-top.
- Hand-wheel operated rest-plate inside



The NSL Vertical Cutting Machine with coated table.

with ratchet mechanism for repetitive cutting of same width: 0-130 mm.

- Stationary cutting section with four dynamic balanced blade-wheels, each suspended between two adjustable bearings. Blade-wheel diameter: 400 mm.
- Electric blade drive motor.
- Twisted double-edge ground band knife for cutting in forward and reverse movement of roller table.

- Blade tension control with indication lamp and automatic cut-off on blade slackness and -breakage.
- Friction grinding apparatus with two adjustable cupstones.
- Manually height-adjustable blade guard and adjustable tungsten blade guide above and below table.
- Electrical control box mounted on table front, adjacent to operator.

STANDARD DIMENSIONS:

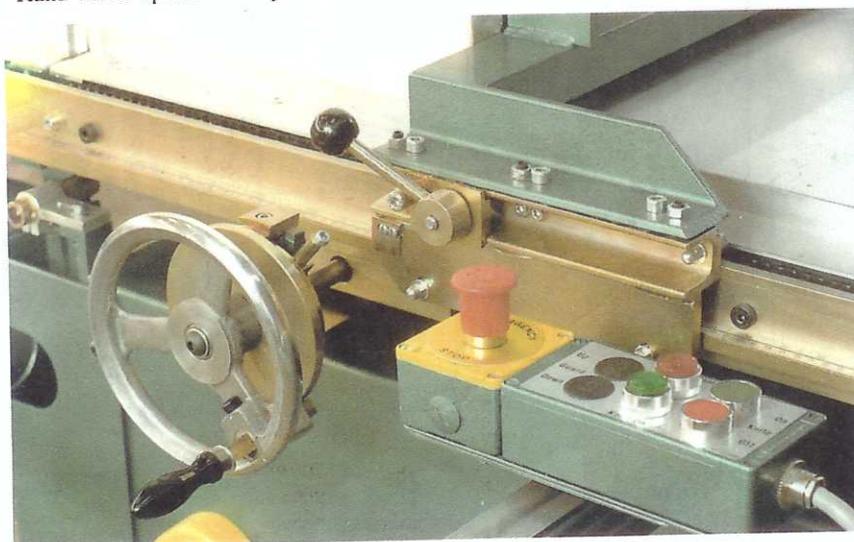
Cutting length:	2450 mm
Table width outside:	1250 mm
Table width inside:	1250 mm
Cutting height:	1250 mm
Rest-plate height:	750 mm

POWER SUPPLY:

380 Volts, Three-Phase, Neutral, 50 Cycles, 1,6 KW.

ALTERNATIVE DIMENSIONS:

A01 Cutting height:	1500 mm
A02A Cutting length:	2850 mm
A02B Cutting length:	3100 mm
A03 Table width inside (see Fig 1).	
A04 Table width outside (see Fig 1).	
A05 Rest-plate height (see Fig 1).	



Ratchet Handwheel, Restplate lock, and electrical controls.

The company policy aims at continuous improvement of the products, and therefore all rights to change the design and specifications without notice are reserved.

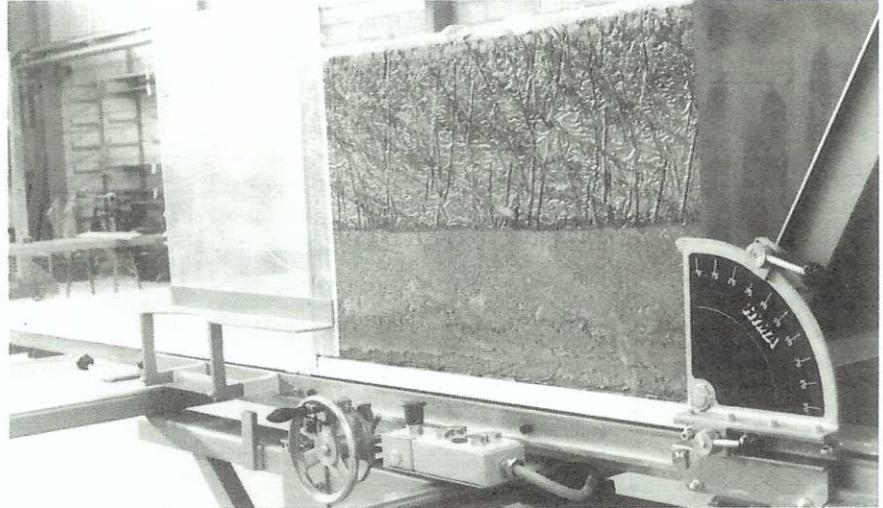
HYMA

COMPLETE SERVICE
FOR THE FOAM INDUSTRY

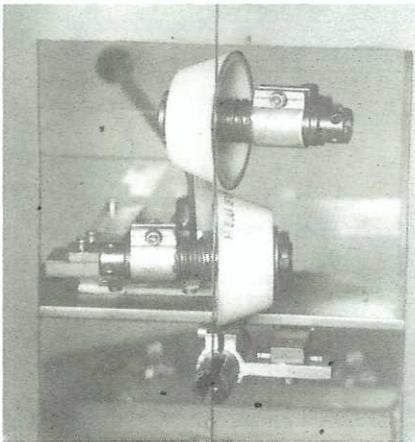
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OPTIONAL EQUIPMENT:

- E01 Motorized height-adjustment of blade guard and fine-adjustable blade guide rollers above and below table.
- E02 Rotating blade back guide above and below table for single-edge ground blade.
- E03 Electric grinding apparatus and dust exhaust.
- E04 Infinitely variable blade speed control.
- E05 Angle-adjustment of rest-plate inside.
- E06 Air floatation system in table-top (Outside).



Adjustable Angleing of Restplate (Options).



Standard Blade Friction Grinding Apparatus.

- E09 Safety protections (plexi-glass).
- E10 Prepared for saw.
- E11 Saw dust extraction unit.
- E12 Different voltage

Type SLM semi automatic and manual operation.
Type NSL manually operated.
Type SLH manually operated.
Type VSL bevel cutting +/- 70 degrees
Type VSH bevel cutting, heavy duty, +/- 60 degrees

Type BAV fully automatic, high cutting accuracy.
Vertical cutting machines for rigid foam and mineral wool.

Type ASL saw version, fully automatic.
Type NSL saw version, manually operated.

Type SLH-R with saw, manually operated for rigid foam, polyethylene and mineral wool.

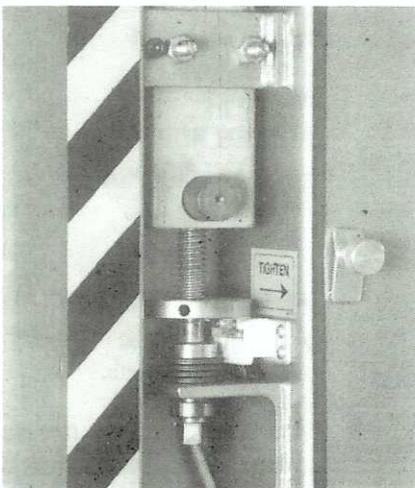
The HYMA program further contains following Vertical Cutting Machines:

Vertical cutting machines for flexible foam and bonded foams.

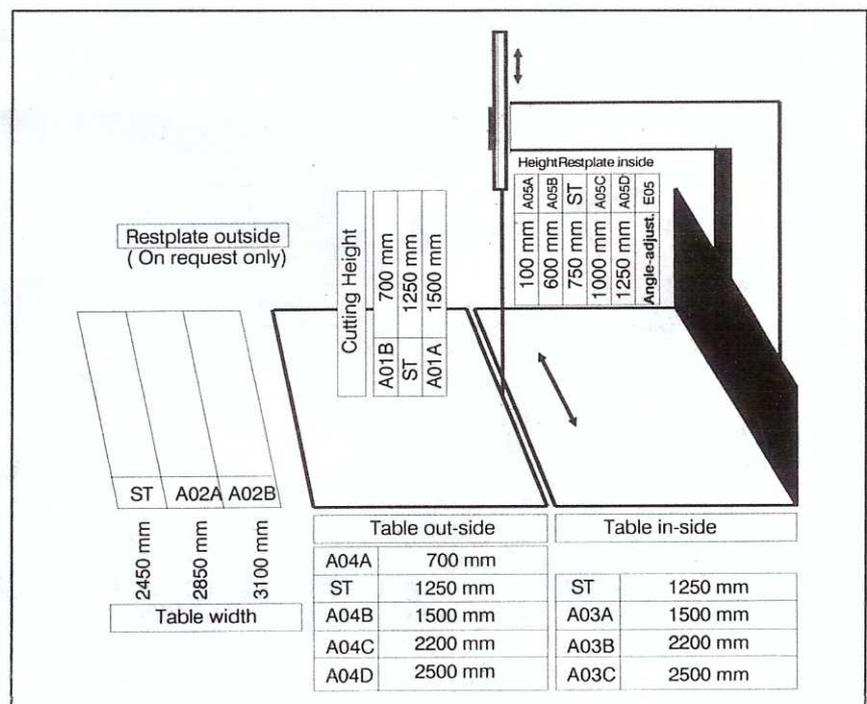
Type ASL fully automatic serial production from foam blocks.

CONTACT HYMA FOR FURTHER INFORMATIONS

- E07 Coating of table tops (Anodized brown B1 colour).
- E08 Optical blade inspection.



Blade Tension System.



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