

# VERTICAL CUTTING MACHINE TYPE SLM – MANUAL OPERATION FOR FLEXIBLE- AND BONDED FOAM RIGID FOAM OR MINERAL WOOL



Type SLM is the smallest Vertical Cutting Machine in our programme. It is a two-wheel machine, thus the inside cutting width is limited by the diameter of the knife wheels.

The machine can be supplied in two standard sizes, Type SLM-30 and Type SLM-40, the figures indicating the inside cutting width.

It can be supplied with a bandknife and grinding apparatus or a bandsaw and prepared for saw-dust extraction.

For mounting special equipment the machine frames may be supplied without table.

SLM/FOTO

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**VERTICAL CUTTING MACHINE  
TYPE SLM – MANUAL OPERATION  
FOR FLEXIBLE FOAM AND BONDED FOAM  
- OR WHEN EQUIPPED WITH SAW BLADE -  
FOR RIGID FOAM AND MINERAL WOOL**



**STANDARD EQUIPMENT:**

- \* Manually operated roller table with aluminium covered table-top.
- \* Hand-wheel operated rest-plate inside with ratchet mechanism for repetitive cutting of same width: 0-130 mm.
- \* Stationary cutting section with two dynamic balanced blade-wheels, each suspended between two adjustable bearings.
- \* Electric blade drive motor.
- \* Twisted double-edge ground band knife for cutting in forward and reverse movement of roller table.
- \* 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 cutting frame.

| <b>STANDARD DIMENSIONS:</b> | <b>TYPE SLM-30</b> | <b>TYPE SLM-40</b> |
|-----------------------------|--------------------|--------------------|
| * Cutting length:           | 1000 mm            | 1000 mm            |
| * Table width outside:      | 1000 mm            | 1000 mm            |
| * Table width inside:       | 270 mm             | 370 mm             |
| * Cutting height:           | 750 mm             | 750 mm             |
| * Rest-plate height:        | 500 mm             | 500 mm             |
| * Blade wheel diameter:     | 400 mm             | 500 mm             |

**ALTERNATIVE DIMENSIONS:**

- |                   |         |         |
|-------------------|---------|---------|
| * Cutting height: | 1000 mm | 1000 mm |
|-------------------|---------|---------|

**OPTIONAL EQUIPMENT:**

- \* Fine-adjustable blade guide rollers above and below table for optimum side support of blade.
- \* Rotating blade back guide above and below table for back support of single-edge toothed band saw or single-edge ground band knife.
- \* Infinitely variable blade speed control.

**POWER SUPPLY:**

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