

HORIZONTAL CUTTING MACHINES

FOR FLEXIBLE PU FOAM

MODEL HHR



This heavy duty model of Horizontal cutting machine is specially designed to cut high density flexible and bonded foams from 10mm to 200mm. The machine is PLC controlled and is operated through a Touch Screen.

The cutting is done by an endless band knife running over two balanced wheels for smooth cutting. The table moves in a linear motion for cutting the foam. The cut sheets are to be picked up manually after each cut.

GENERAL SPECIFICATIONS

Construction	The cutting unit is welded steel construction. The table is made from heavy steel pipes and slides over track lines covered with hardened steel. The table top is made of 8mm thick Aluminum Sheets coated with special friction material.
Band knife	50MM wide band knife runs over balanced knife wheels. Motorized grinders sharpen the blade continuously, during cutting operation.
Knife guide	It is pre-tensioned and coated with P.T.F.E.
Thickness	Thickness can be pre set with the help of digital display in the range of 0 to 999MM in steps of 0.1MM. The accuracy & range of thickness depend on the type of foam.
Table capacity	The machine can take up to 4 blocks of 1828mm x 915mm (different capacity tables can be made as per customer's requirement) There are two powerful suction blowers under the table.
Power required	20 H.P.
Space required	12M x 5M
Power Supply	410V AC 50Hz
Cutting Width	2 Meters
Cutting Height	1 Meter
Cutting Angle	Motorized adjustment from the control panel.

Top pressing roller is provided for thick sheets.

Optional : Automatic silicone spraying system. • Additional vacuum blowers.



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