

# Vacuum Table for CNC ,VMC ,Wood Brass, Aluiminum

SKI is a manufacturer of vacuum clamping tables also referred to as vacuum panels or vacuum chucks. Fixing work pieces with a vacuum table is the fastest and cheapest method for holding down thin and elastic Materials. The vacuum table replaces machine tool vice, double-sided adhesive tape and other impractical fixing devices.

The material surface is completely fixed - vibration free. This protects the tools and significantly improves the milling quality.



## **Working principle:**

A vacuum matrix is a jig that allows the user to vacuum clamp panels of various sizes. The key component to this jig is the ball valve. These valves are cylinders with a small spring-loaded ball bearing which seals the valve until a project is placed on the jig. The amount of ball valves that are used depends on the variety of projects that you anticipate using with your jig.

When the ball is pressed down by the project panel, vacuum is allowed to flow from under the vacuum matrix and onto the project panel. Vacuum tape is used to define the area of the vacuum and is typically arranged on the jig in multiple sections.

Note- Images shown will be Different from actual products

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