

g- Vacuum table

Precision Holding. Perfect Stitching. Higher Productivity.

Precision-engineered vacuum workstation designed to hold fabric securely during garment component operations such as pocket attaching, shoulder joining, collar setting, cuff preparation, and panel alignment.

The powerful suction system prevents fabric shifting, wrinkles, and misalignment, ensuring smooth handling and accurate stitching. Ideal for lightweight, stretchable, slippery, and delicate fabrics.

Improves seam quality, increases operator efficiency, reduces rework, and delivers consistent production results.

Working Principle

Step 1: Vacuum Activation

The vacuum motor is switched ON to generate suction through the perforated table surface.

Step 2: Fabric Placement

The fabric panel is placed on the table at the required position.

Step 3: Fabric Holding

Vacuum suction holds the fabric firmly, keeping it flat, stable, and wrinkle-free.

Step 4: Secondary Fabric Alignment

Another fabric part or component is positioned accurately over the base fabric as required.

Step 5: Stable Positioning

Both fabric layers remain securely aligned without shifting or distortion during operation.

Step 6: Ready for Stitching

The perfectly aligned fabric assembly is ready for sewing or the next production process.

Key Features

- Precision fabric holding for accurate stitching
- Faster production with less manual adjustment
- Reduces operator fatigue and handling effort
- Consistent quality in every garment piece
- Ideal for delicate, stretchable, and slippery fabrics
- Minimizes rejection and rework cost
- Compact design for easy factory integration
- Energy-efficient and reliable performance
- Low maintenance with long service life
- Improves overall production efficiency

Technical Specifications

Machine Model	Power Supply	Power Consumption	Dimensions (L X W X H in mm)	Weight	Operating Temperature Range	Noise Level	Air flow
# GVT-30-075-00	220-230V AC (Single-phase), 50/60 Hz, 25 Amps	1.6 kW	720.0 X 500.0 X 792.0	48.0 kg	25°C - 58°C	≤60 dB	124.0 CFM / 210.0 m³/hr



Operational Performance Impact

Industry Problem	G-Vacuum Table Solution
Fabric shifting during operation	Vacuum suction holds fabric firmly in place and prevents movement
Wrinkles and uneven fabric surface	Keeps fabric flat and smooth for accurate handling and stitching.
Misalignment of garment components	Ensures precise positioning for consistent assembly quality
Difficulty handling lightweight or slippery fabrics	Stabilizes delicate, stretchable, and slippery materials.
High rework due to inaccurate stitching	Improves stitch accuracy and reduces rejection/rework.
Low operator productivity	Enables faster positioning and easier fabric handling
Inconsistent production quality	Delivers repeatable alignment for uniform results every cycle
Problem: Pocket distorted and uneven Fabric shifting and misaligned seams Collar shifting and uneven stitching Sleeve shifting and puckering Panels not matching and uneven	Solution: Pocket flat, aligned and accurate Shoulder aligned perfectly for precise sewing Collar held firm, aligned and even stitching Sleeve smooth, aligned and ready for stitching Panels matched accurately for perfect assembly

WHY CHOOSE G-VACUUM TABLE?

Operation Area	Performance Benefit	Result
Pocket Setting	Holds pocket piece flat and stable for accurate placement	Clean pocket alignment and consistent stitching
Shoulder Joining	Prevents fabric shifting during joining process	Accurate seam matching and better finish
Collar Alignment	Keeps collar parts securely positioned	Even stitching and proper collar shape
Panel Matching	Maintains precise fabric alignment	Symmetrical panels and improved garment appearance
Sleeve Setting	Controls curved fabric sections without movement	Smooth sleeve attachment and reduced puckering
Precision Stitching Support	Stable fabric surface improves sewing accuracy	Reduced rework and higher quality output