



MEDIVAC VACUUM FORMING MACHINE

TECHNICAL SPECIFICATION

This series of **Medivac machines** are floor mounted, free standing units that are used for general purpose vacuum forming.

The heating sequence, which is one of the most important factors in vac forming, is automatic and its movement is powered by a cushioned pneumatic cylinder.

Both the drape (mould) table and (material) clamping operations are power assisted.

Model	Forming Size (mm)	Depth (mm)
2420SM	600 x 500	300
3020SM	750 x 500	300
3624SM	900 x 600	300

MACHINE CONSISTING OF:

- Powerful **Ceramic infra-red heating elements with heat control** by energy regulator
- Heating cycle is fully timed with auto push back of heater at time out is automatic via a pneumatic cylinder.
- Power assisted **material clamping** with quick release mechanism.
- **Powered clamp lock** for firm material grip
- Push Button - Power assisted drape table (**mould**) **movement**. Drape table is strong and rigid; stabilised with two sturdy guide rods.
- Push Button **Bubble facility** for sheet levelling.
- **High Velocity cooling fans** for speedy cool-down of the formed shell
- Push Button **Eject facility** for removal of the formed shell
- Reservoir vacuum tank system
- Push Button **Vacuum** - uses high efficiency rotary vane vacuum pump with low noise level

Brief Technical Specifications*

Model	2420MED	3020MED	3624MED
Forming (max) in (mm)	24" x 20" (600 x 500)	30" x 20" (750 x 500)	36" x 24" (900 x 600)
Depth in (mm)	12" (300)	12" (300)	12" (300)
Air Usage liters/cycle	2.6	2.6	3.1
Floor Area cm	178 x 145	178 x 145	230 x 160
Height cm	130	130	130
Weight kg	340	340	388

*The above figures should be taken as typical example only; complete specifications will be supplied on request
Standard power supplies are 415 V 50 Hz phase 4 wire