

# Magnum Wax-Slabbing Production System Specifications

	<b>Lab Press</b>	<b>100 Plate System*</b>
<b>Production Capacity</b>	500 11 Pound Slabs	2000 11 Pound Slabs or 2200 Pounds per cycle
<b>Production Time</b>	1 - 2 hour pour to pour cycle time 4- 8 turns per 8 hr. shift	1- 2 hour pour to pour cycle time 4- 6 turns per 8 hr. shift
<b>Compressed Air</b> (One 8 inch Air Cylinder with 24 inch stroke) (Standard Shop Air Compressor is adequate for operation)	90 psi or greater	90 psi or greater
<b>Water Flow</b>	18.75 - 50 gallons / minute	75.75 - 202 gallons / minute
<b>Water Pressure</b>	15 psi. maximum. Suggested pressure is 5-15 psi.**	15 psi. maximum. Suggested pressure is 5-15 psi.**
<b>Water Volume</b> (Plates) (Inlet & Outlet Manifold)	6.25 Gallons 75 Gallons	25.25 Gallons 300 Gallons
<b>Chilled Water Reserve Tank</b>	150 - 500 Gallon feed/reserve tank for slabber	500-2000 Gallon feed/reserve tank for slabber
<b>Electricity</b>	None	None
<b>Space</b> Actual	33inches X 11.5 feet	30.5 inches X 25 feet
<b>Working</b> (With Conveyor or packaging table between each system)	10' X 11.5'	10' X 30.0'

\*We recommend expanding the system to maximum capacity with 105 plates and a net production output of 2310 pounds per cycle. This increases production by 400- 600 pounds per shift per slabbing unit.

\*\* Pressure based on new 2000 design of plates. Old style plates had a maximum pressure of 10 p.s.i. in new state.