

Vacmagic® VM100



VM100 Base Unit (45375) in Vise



VM100 Base Unit (45375) with VM300 Vacuum Pallet (45150)



VM100 Base Unit (45375) on a Magnetic Chuck

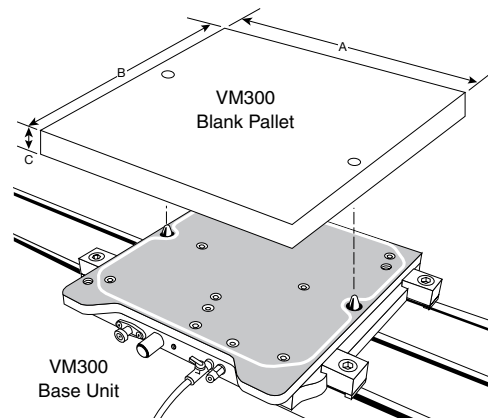
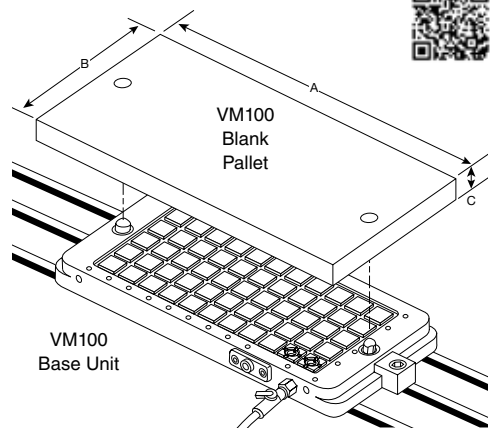


VM100 Base Unit (45375) with a Production Pallet (VM100 Blank Pallet - 45325)

The Simplest and Most Versatile Vacuum System on the Market

The VM100 was primarily designed for grinding non-ferrous material on a magnetic chuck. During the early stages of R & D it was discovered the VM100 could be much more. Clamp the VM100 in vise to reduce set-up time, use as a pallet changer or mount to a grid plate or T-slot table. The VM100 uses the same patented method as the VM300 to produce a vacuum strong enough for industrial applications but still operates on 70-100 PSI shop air! No need for vacuum pumps and coolant traps. We include everything necessary to get your VM100 running within minutes of opening the box.

- ▶ Make your own vacuum fixtures - we can help with the design and produce the fixture for your custom application
- ▶ Will accept both blank pallets, the standard 45130 and the larger 45135, as well as the standard vacuum pallet, increasing your vacuum platform to over 14"x12" (360mmx315mm).
- ▶ Remove 12mm pins when grinding/machining thin material, use set screws to locate and aid in holding force



Part Number	Description	A - Length Inch (Metric)	B - Width Inch (Metric)	C - Height Inch (Metric)
VM100				
45325	Blank Pallet	12.5 (318mm)	5.875 (150mm)	1.0 (25mm)
45375	Base Unit with all hardware	12.375 (315mm)	5.5 (140mm)	1.0 (25mm)
45300	VM100 Kit Includes: base unit, 2 blank pallets			
VM300				
45130	Blank Pallet	14.3 (360mm)	12.4 (315mm)	.75 (19mm)
45135	1" thick Blank Pallet	14.93 (379mm)	14.93 (379mm)	1.0 (25mm)
45150	VM300 Vacuum Pallet	14.3 (360mm)	12.4 (315mm)	.625 (16mm)
45160	VM300 Large Vacuum Pallet	33.625 (859mm)	14.5 (368mm)	.625 (16mm)
45175	Base Unit (Receiver) Includes: all hardware	12.75 (323mm)	13.0 (330mm)	1.375 (35mm)
45101	VM300 Kit Includes: base unit, 2 blank pallets, 1 vacuum pallet			

GASKET MATERIAL (for VM300 & VM100) See our website, MiteeBite.com, for installation tips

	Part No.	Description	(Inch) Diameter [†]
Black - Excellent for long cycles and aggressive coolants.	BLACK 45111	by the foot	.170*
	45115	by the foot	.070
	451181	by the foot	.125
	45119	by the foot	.188
White - Excellent for small parts, water based coolants or running dry.	WHITE 45114	by the foot	.170*
	45116	by the foot	.070
	45117	by the foot	.125

*Replacement size for base units and vacuum pallets. Other sizes listed for custom made pallets.

[†]Tolerance on all gasket diameter is +/- 10%.