



M Series

Fixed Table, Moving Gantry

Model ID	M		
Table Size	X	Y	Z
	97"	49"	9"
	121", 145"	61"	9"
3100	3M (122")	2M (82")	9"
4100	4M (161")	2M (82")	9"
5100	5M (200")	2M (82")	9"
	X	Y	Z
Positioning	Rack/Pinion	Rack/Pinion	Ballscrew
Rapid Travel	2,500 IPM*	3,000 IPM*	1,000 IPM*
	Standard	Optional	
Control	Fanuc Oi Pendant	Osai Top5	
Spindle HP/kW	12 HP/ 9 kW	NA	
RPM	24,000	NA	
Motor Cooling	Fan		
Tool Changer	10/12** - Fixed	10 - Hide Away	
Base Design	Fabricated Steel Weldment		
Column Design	Fabricated Steel Weldment		
Bridge Design	Fabricated Steel Weldment		
Optional Equipment			
C-Axis	Drill Blocks (9, 14)		
Upgraded Table Options	10 - Hide Away		
Grid Table	Automation		
Auto Tool Measurement	Pneumatic Vac Control		
Pop-Up Pins	Removable Pusher/Sweeper		
Dust Stanchion Kit			
Pre-Wire Retrofit Kit	* Rapids May Vary		
Custom Vac Zones	**On 121M and up		
*** Specifications/Options may vary on certain machine sizes, controls, and spindles. Specifications are approximate and subject to change.			

Table Layouts

97M12



121M12



145M12



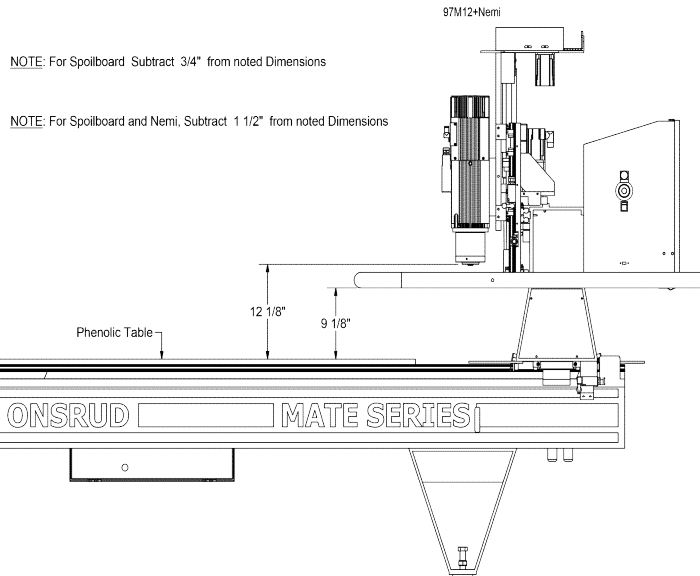
3100M12



4100M12



5100M12



NOTE: For Spoilboard Subtract 3/4" from noted Dimensions

NOTE: For Spoilboard and Nemi, Subtract 1 1/2" from noted Dimensions