



## Extreme Duty Series

Fixed Bridge, Moving Table(s)

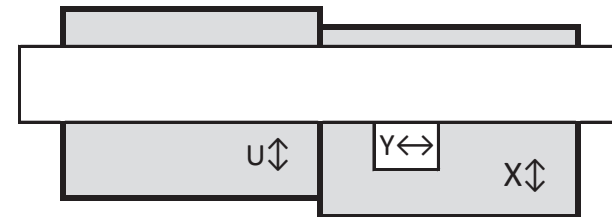
Model ID	HD		
Table Size	<u>X</u>	<u>Y</u>	<u>Z</u>
	60"	98", 120", 144", 194"	11"
	<u>X</u>	<u>Y</u>	<u>Z</u>
Positioning	Ball screw	Ball screw	Ball screw
Rapid Travel	4,000 IPM*	4,000 IPM*	1,000 IPM
	<u>Standard</u>	<u>Optional</u>	
Control	Osai	Fanuc	
Spindle HP/kW	18 HP / 13.5 kW	24 HP / 18 kW	
RPM	24,000	NA	
Motor Cooling	Fan	Liquid	
Tool Changer	12 Rotary ATC	See Below	
Base Design	Fabricated Steel Weldment		
Column Design	Fabricated Steel Weldment		
Bridge Design	Cast Iron		
<b>Optional Equipment</b>			
C-Axis	Drill Blocks (4, 9, 14, 18, 24)	Enclosure	
Upgraded Table Options	Agg Station	Flooding Duct	
NEMI	Laser Comp	Dual Process	
Auto Tool Measurement	Auto-Lubrication	Rotary Axis	
Pop-Up Pins	Thru Tool Coolant		
Dust Stanchion Kit	2nd - 12 Rotary ATC		
Pre-Wire Retrofit Kit	Extended Z	* Rapids May Vary	
Custom Vac Zones	Kessler Spindle**	** Kessler Fanuc Only	

\* Specifications/Options may vary on certain machine sizes, controls, and spindles. Specifications are approximate and subject to change. Ver 14-01-21

### Table Layouts



148HD18



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