

Machine Model	Haas UMC-500	Leadwell MU-450	Leadwell MU-450 benefits
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table size	400mm	450mm	larger part accommodation
table weight capacity	226.8kg	200kg	

X-axis	610mm	400mm	much higher rigidity through linear versus point contact
Y-axis	406mm	350mm	
Z-axis	406mm	350mm	
B-axis	from 120° to -35°	from 110° to -50°	
C-axis	360°	360°	
spindle nose to table top	from 102 to 508mm	from 150 to 500mm	
X/Y/Z-axis support	ball type linear ways	roller type linear ways	

spindle power	22.4kW	15kW	higher spindle speed for faster material removal
maximum quoted spindle speed	10000 rpm	12000rpm	
spindle taper	CAT/BT#40	CAT/BT#40	

X-Y-Z axis rapid traverse	22.9m/minute	48m/minute	double rapid traverse rate for much shorter production cycles
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tool magazine capacity	30+1	30	larger tool diameter for higher material removal rate larger tool diameter for higher material removal rate heavier tool capacity to support larger tool diameter
maximum tool diameter	127mm	150mm	
maximum tool diameter with adjacent empty pockets	64mm	80mm	
maximum tool length	305mm	250mm	
maximum tool weight	5.4kg	7kg	

control	Haas	Fagor 8065	15" hd colour graphic screen with 3-axis conversational programming
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machine length x depth x maximum height	3050 x 2490 x 2770mm	2400 x 3700 x 2661mm	48% heavier construction for higher speed + accuracy support
machine weight	5400kg	8000kg	

price:	\$124,995.00	\$199,900.00
work light	\$295.00	included
10,000 rpm spindle	\$5,495.00	12,000 rpm included
through spindle air	\$1,195.00	included
through spindle coolant	\$6,795.00	included
lift-up belt type chip conveyor	\$7,595.00	included
high speed machining	\$3,095.00	included
spindle orientation	\$930.75	included
user-definable macros	\$2,630.75	included
coordinater rotation and scaling	\$1,355.75	included
high speed machining	\$2,630.75	included
visual part programming system	\$1,865.75	included
64 GB expanded memory	\$2,195.00	included
8 spare m functions	\$1,695.00	included
1 year extended warranty	\$9,495.00	included
package price:	\$172,263.75	\$199,900.00
package price \$ difference:		-\$27,636.25
package price % difference:		16%