

Machine Model	Haas UMC-750	Leadwell MU-650	Leadwell MU-650 benefits
table size	500mm	650mm	larger part diameter capacity
maximum table weight capacity	300kg		
work area part loading accessibility	closed door top	open door top	part lifting sling access
X-axis	762mm	620mm	
Y-axis	508mm	520mm	larger Y-axis machining capacity
Z-axis	508mm	460mm	
B-axis	from 120° to -35°	from 110° to -50°	
C-axis	360°		
spindle nose to table top	from 102 to 610mm	from 150 to 610mm	
X/Y/Z-axis support	ball type linear ways	roller type linear ways	much higher rigidity
spindle power	22.4kW	17kW	
maximum standard spindle speed	10000 rpm	12000 rpm	shorter cycle times on lighter duty machining
spindle taper	CAT/BT#40		
X-Y-Z axis rapid traverse	22.9m/minute	36m/minute	57% higher feed rate for much shorter cycle times
tool magazine capacity	30+1	30	
maximum tool diameter	127mm	150mm	larger tool diameter for higher material removal rate
maximum tool diameter with adjacent empty pockets	64mm	80mm	larger tool diameter for higher material removal rate
maximum tool length	305mm	250mm	
maximum tool weight	5.4kg	7kg	heavier tool capacity
control	Haas	Fagor 8065 POWER	15" hd colour graphic screen with 3-axis conversational programming Fagor on-line machine-connection remote support free off-line programming system identical to control programming system
machine length x depth x maximum height	4270 x 2350 x 2800mm	3080 x 4130 x 2820mm	
machine weight	6463.8kg	10000kg	much heavier duty construction for heavier machining + higher accuracy support
<i>price:</i>	\$135,995.00	\$199,900.00	
<i>Renishaw wireless probing system</i>	included	\$15,000.00	
<i>work light</i>	\$250.75	included	
<i>through spindle air</i>	\$1,015.75	included	
<i>through spindle coolant</i>	\$5,945.75	included	
<i>lift-up belt type chip conveyor</i>	\$6,455.75	included	
<i>high speed machining</i>	\$2,800.75	included	
<i>64 GB expanded memory</i>	\$2,035.75	included	
<i>8 spare m functions</i>	\$1,525.75	included	
<i>1 year extended warranty</i>	\$9,995.00	included	
<i>package price:</i>	\$166,020.25	\$210,000.00	
<i>package price \$ difference:</i>		-\$43,979.75	
<i>package price % difference:</i>		26%	

For more detailed information on the Leadwell machine contact Ron Nater: 647.270.4434 / ron@masteels.com / www.ronnater.ca