

**Machine Model****Haas VF-5/40XT****Maxcut MCV-3060*****Leadwell benefits***

X axis	1524mm (60")	1510mm (59.45")
Y axis	660mm (26")	<b>762mm (30")</b>
Z axis	635mm (25")	<b>686mm (27")</b>
spindle nose to table top (minimum - maximum)	107-742mm (4.2"-29.2")	<b>30-769mm (1.18"-30.25")</b>
X/Y/Z-axis support	ball linear guide ways	<b>box ways</b>

**wider part machining capacity**  
**taller part machining capacity**

***much heavier duty support for much higher rigidity***

Table size	1575 x 584mm (62" x 23")	<b>1700 x 610mm (66.93" x 24")</b>
Table load capacity	1818kg (4000 lbs.)	1818kg (4000 lbs.)

***larger part accommodation***

X-Y-Z axis rapid traverse	710"/minute (18m/minute)	<b>945"/minute (24m/minute)</b>
---------------------------	--------------------------	---------------------------------

***faster positioning speed for shorter cycle times***

Spindle power / speed	22.4kW (30 hp) / 8100 rpm	15kW (20 hp) / <b>10,000 rpm</b>
-----------------------	---------------------------	----------------------------------

***faster spindle speed for shorter cycle times***

Tool shank	CAT#40	CAT#40
------------	--------	--------

***more tools***

Standard tool magazine capacity	20 pockets	<b>24 pockets</b>
---------------------------------	------------	-------------------

Maximum tool diameter	89mm (3.5")	70mm (2.75")
Maximum tool diameter with adjacent empty pockets	?	130mm (5.12")
Maximum tool length	?	300mm (11.81")
Maximum tool weight	5.4kg (12 lbs.)	<b>8.9kg (19.6 lbs.)</b>

***heavier tool accommodation***

control	Haas	<b>Fagor 8065</b>	<b>fully conversational + standard g-code programming</b> <b>free remote support program during warranty</b> <b>free off-line software</b>
---------	------	-------------------	--

machine length x depth x maximum height	4270 x 2590 x 2870mm (168" x 102" x 113")	4520 x 3300 x 2850mm (178" x 130" x 112")
machine weight	7308kg (16110 lbs.)	7000kg (15,430 lbs.)

<i>price:</i>	\$82,445.75	\$98,850.00	
<i>10,000 rpm spindle through spindle coolant</i>	\$4,670.75	<b>included</b>	
<i>multi-auger chip conveyor</i>	\$5,775.75	<b>included</b>	
<i>spindle orientation</i>	\$9,175.75	<b>lift-up conveyor included</b>	<b><i>much better chip disposal without chip build-up in auger</i></b>
<i>user-definable macros</i>	\$930.75	<b>included</b>	
<i>coordinator rotation and scaling</i>	\$2,630.75	<b>included</b>	
<i>high speed machining</i>	\$1,355.75	<b>included</b>	
<i>visual part programming system</i>	\$2,630.75	<b>included</b>	
<i>64 GB expanded memory</i>	\$1,865.75	<b>included</b>	
<i>8 spare m functions</i>	\$1,865.75	<b>included</b>	
<i>work table light</i>	\$1,440.75	<b>included</b>	
<i>20 pull studs for through spindle coolant</i>	\$250.75	<b>included</b>	
<i>1 year extended warranty transformer</i>	\$331.50	<b>24 pull studs included</b>	
<i>package price:</i>	\$6,695.00	<b>included</b>	
	?	<b>included</b>	
	<b>\$122,065.50</b>	<b>\$98,850.00</b>	
<b><i>package price \$ difference:</i></b>		<b>\$23,215.50</b>	
<b><i>package price % difference:</i></b>		<b>19%</b>	<b><i>much lower package price</i></b>

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