

| Machine Model                                     | Haas VF-2SS                        | Maxcut MCV-1830                      |
|---|------------------------------------|--------------------------------------|
| X axis  | 762mm (30")                        | 762mm (30")                          |
| Y axis  | 406mm (16")                        | <b>457mm (18")</b>                   |
| Z axis  | 508mm (20")                        | 508mm (20")                          |
| spindle nose to table top (minimum - maximum)     | from 102 to 610mm (from 4" to 24") | from 102 to 610mm (from 4" to 24")   |
| X/Y/Z-axis support                                | linear guide ways                  | linear guide ways                    |
| Table size  | 914 x 356mm (36" x 14")            | <b>900 x 410mm (35.43" x 16.14")</b> |
| Table load capacity                               | 680kg (1500 lbs.)                  | 350kg (770 lbs.)                     |
| X-Y-Z axis rapid traverse                         | 35.6m/minute (1400"/minute)        | 25m/minute (1000"/minute)            |
| Spindle power                                     | 22.4kW (30 hp)                     | 11kW (14.75 hp)                      |
| Standard maximum spindle speed                    | 12000 rpm                          | 10000 rpm                            |
| Tool shank  | CAT/BT40                           | CAT/BT40                             |
| Standard tool magazine capacity                   | 30+1 pockets                       | 24 pockets                           |
| Maximum tool diameter with full pockets           | 64mm (2.5")                        | <b>89mm (3.5")</b>                   |
| Maximum tool diameter with adjacent empty pockets | 127mm (5")                         | <b>130mm (5.12")</b>                 |
| Maximum tool length                               | 279mm (11")                        | <b>350mm (13.77")</b>                |
| Maximum tool weight                               | 5.4kg (12 lbs.)                    | <b>8kg (17.6 lbs.)</b>               |
| control   | Haas                               | <b>Fagor 8065</b>                    |
| machine length x width                            | 2570 x 2510 x 2570mm               | <b>2200 x 2050 x 2500mm</b>          |
|   | 101" x 99" x 101"                  | <b>86.6" x 80.7" x 98.5"</b>         |
| machine weight                                    | 3539kg (7,800 lbs.)                | <b>3630kg (7,986 lbs.)</b>           |

*Maxcut benefits*

*wider part capacity*

*wider part accommodation*

*larger tool diameter capacity*

*larger tool diameter capacity*

*longer tool capacity*

*heavier tool capacity*

*fully conversational with colour 3D part shape graphics*

*smaller foot print*

*heavier duty machine construction*

|  |              |  |  |
|--|--------------|--|--|
| <b>Haas VF-3 web published US \$ pricing</b> | \$64,995.00  | \$72,500.00                            |  |
| through spindle coolant                      | \$6,795.00   | included                               |  |
| multi-chip auger                             | \$5,995.00   | <b>belt-type lift-up chip conveyor</b> | <i>much better chip disposal without chip build-up on conveyor</i> |
| spindle orient                               | \$1,095.00   | included                               |  |
| macros                                       | \$3,095.00   | included                               |  |
| high speed machining                         | \$3,095.00   | included                               |  |
| visual part programming                      | \$2,195.00   | included                               |  |
| work table light                             | \$195.00     | included                               |  |
| pull studs                                   | not included | included                               |  |
| transformer                                  | \$3,095.00   | included                               |  |
| one year extended warranty                   | \$6,695.00   | included                               |  |
| <b>total package price US Dollars</b>        | \$97,250.00  | -                                      |  |
| <b>total package price Canadian Dollars</b>  | \$129,666.67 | <b>\$72,500</b>                        | <i>40% lower package price</i>                                     |

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