

ALL **NEW** 5<sup>TH</sup> GENERATION

**SERIES**



**V 800**



**VIBRANT**  
**SERIES**

ONE NUMBER - MULTI SOLUTIONS



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**96-1098-1098**

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## VIBRANT 800 MACHINE CONFIGURATIONS

### DESCRIPTION CAPACITY

|                             |       |          |
|-----------------------------|-------|----------|
| X axis travel               | mm    | 800      |
| Y axis travel               | mm    | 550      |
| Z axis travel               | mm    | 550      |
| Rapid feed rates X/Y/Z axis | m/min | 30/30/30 |

Distance from table

|                     |    |         |
|---------------------|----|---------|
| Top to spindle face | mm | 100-650 |
|---------------------|----|---------|

### TABLE

|                            |    |          |
|----------------------------|----|----------|
| Table size (clamping area) | mm | 500X1000 |
| No./width/cd of t-slots    | mm | 4/18/100 |
| Max safe load on table     | kg | 600      |

### MAIN SPINDLE

|                     |        |          |
|---------------------|--------|----------|
| Taper               | -      | BT40     |
| Speed               | rpm    | 80-8000  |
| Cutting feed rate   | mm/min | 1-10000  |
| Rated power (fanuc) | .kw    | 7.5 / 11 |

### AUTO TOOL CHANGER

|                                    |    |          |
|------------------------------------|----|----------|
| Type                               | -  | TWIN ARM |
| No. of tools                       | -  | 24       |
| Tool selection                     | -  | RANDOM   |
| Max. tool dia. (pocket full/empty) | mm | 80/150   |
| Tool length                        | mm | 300      |
| Tool weight                        | kg | 7        |

### ACCURACY (AS PER JIS)

|               |    |       |
|---------------|----|-------|
| Positioning   | mm | 0.01  |
| Repeatability | mm | 0.007 |

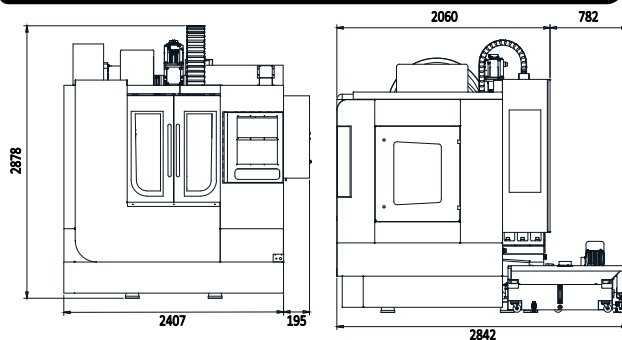
### INSTALLATION DATA

|                                     |     |                         |
|-------------------------------------|-----|-------------------------|
| Pneumatic supply                    | bar | 6                       |
| Machine weight (approx)             | kg  | 4800                    |
| Total connected load                | kva | 19                      |
| Power supply                        | -   | "AC 440 V, 50HZ, 3 PH." |
| Machine dimensions (wxdxh) (approx) | mm  | 2602 x 2842 x 2878      |

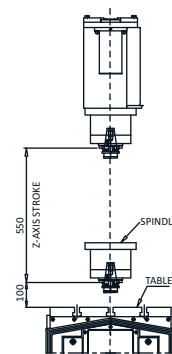
### SYSTEM

|            |   |                       |
|------------|---|-----------------------|
| Fanuc      | - | OI MF PLUS (ADV MILL) |
| Siemens    | - | 828D                  |
| Mitsubishi | - | M80 V                 |

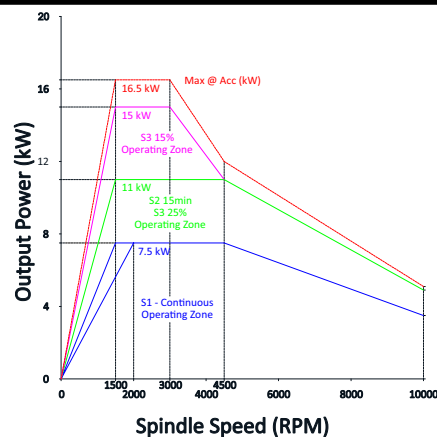
## MACHINE DIMENSIONS



## MACHINING RANGE



## POWER DIAGRAM



## COMPONENTS



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## FOR MORE INFORMATION PLEASE CONTACT

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