

## **MV Series**

### **MV-850**

#### Features

- Overall structure adopts box design, to achieve light weight and high rigidity, with great stability for excellent cutting
- 3 axis rapid traverse 36m/min
- Acceleration up to 0.8G/0.5G/0.5G
- Widely used in precision parts and tooling

#### Specification :

|                                             |            |                          |
|---------------------------------------------|------------|--------------------------|
| Model                                       |            | MV-850                   |
| Control                                     |            | Mitsubishi M80           |
| Travel                                      | Unit       |                          |
| X-axis Travel                               | mm(inch)   | 850(33.5")               |
| Y-axis travel                               | mm(inch)   | 600(23.6")               |
| Z-axis travel                               | mm(inch)   | 560(22.0")               |
| Distance from Spindle Nose to Table surface | mm(inch)   | 150-710(5.9"-28.0")      |
| Spindle                                     |            |                          |
| Spindle Speed                               | rpm        | 8000                     |
| Spindle Motor                               | KW         | 11/15                    |
| Spindle Nose                                |            | Bt-40                    |
| Table                                       |            |                          |
| Table Dimension                             | mm(inch)   | 1050*600(41.3"*23.6")    |
| Table Size(Width*No*Pitch)                  |            | 18*5*100(0.7"*5*3.9")    |
| Max. Table Load                             | kg(lbs)    | 600(1322)                |
| Rapid Traverse                              |            |                          |
| Rapid Travel(X/Y/Z)                         | m/min(ipm) | 36/36/36(1417/1417/1417) |
| Cutting Speed Rate                          | m/min(ipm) | 20(787)                  |
| Feed Motor(X/Y/Z)                           | KW         | 2/2/3                    |
| Tool Magazine                               |            |                          |
| Tool Change Type                            | Type       | Arm                      |
| Tool Capacity                               | set        | 24                       |
| Max. Tool Weight                            | kg(lbs)    | 7(15.4)                  |
| Max. Tool Length                            | mm(inch)   | 250(9.8")                |
| Max. Tool Diameter                          | mm(inch)   | 75/150(3"/5.9")          |

| Others              |                          |                                     |
|---------------------|--------------------------|-------------------------------------|
| Compress Air supply | kg/cm <sup>2</sup> (psi) | 6(100)                              |
| Machine Size(L*W*H) | mm(inch)                 | 2600*2254*2839(102.4"*88.7"*111.8") |
| Net Weight          | kg(lbs)s                 | 5510(12147)                         |
| Gross Weight        | kg(lbs)s                 | 5740(12654)                         |

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