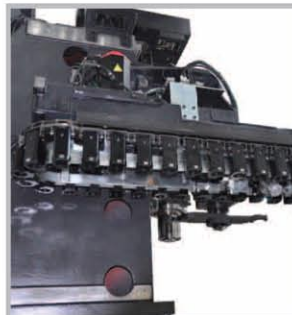
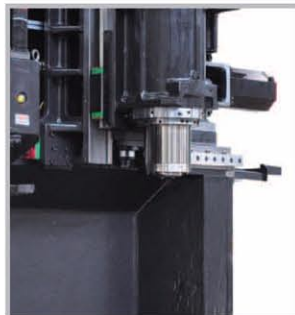


# MAAC 650

## MACHINING CENTER FOR DIE OR MOLDS



Ultra Precision Machining Center with vibration isolation structure to machining hard work piece in mold

### MAAC 650

High speed and rigidity Vertical machining center  
Forcial type structure with High precision

- Forcial type luxury model for mold machining with High precision
- Column and bed design with Stable forcial type
- Thermal symmetry and Overhang Minimized and structural analysis Methods to excellent machining
- Realize the precision machining by short distance between weight center and moving center



## Major Specifications

[ ] : Option

| DESCRIPTION                                     |                   | MAAC 650                 |
|---|-------------------|--------------------------|
| Travel X/Y/Z                                    | mm                | 1,100×650×550            |
| Distance from column to column                  | mm                | 720                      |
| Distance from table top to spindle spindle nose | mm                | 150-700                  |
| Working Surface - table size                    | mm                | 1,300×650                |
| Loading capacity                                | kgf               | 1,000                    |
| Table surface configuration                     | mm                | 18H8 P125×5ea            |
| Spindle Speed                                   | min <sup>-1</sup> | 20,000                   |
| Spindle Motor(30min/cont.)                      | kW                | 18.5/22                  |
| Max spindle torque                              | kgf,m             | 8.2/12                   |
| Rapid Traverse(X/Y/Z)                           | m/min             | 40/40/40                 |
| Tool Shank (Opt.)                               | -                 | BBT40                    |
| Tool Changing Time(T-T)                         | sec               | -                        |
| Magazine Capacity                               | ea                | 32 [48]                  |
| Required floor space (L×W×H)                    | mm                | 3,130×2,800×3,130        |
| Machine weight                                  | kgf               | 10,000                   |
| Controller                                      |                   | Fanuc Oi-MD, Fanuc 31i-B |