

## VARIAXIS i-800T

|                        |                                                            |                  |
|------------------------|------------------------------------------------------------|------------------|
| Table                  | Table size                                                 | Φ31.50"          |
|                        | Max. workpiece size                                        | Φ39.37" × 14.76" |
|                        | Max. load (evenly distributed)                             | 2205 lbs         |
| Spindle                | Tool shank                                                 | CAT No.50        |
|                        | Max. spindle speed                                         | 10000 rpm        |
|                        | Max. torque (40%ED)                                        | 258 ft-lbs       |
|                        | Max. torque (cont. rating)                                 | 156 ft-lbs       |
|                        | Spindle motor (40% ED)                                     | 37 kW (50 HP)    |
|                        | Spindle motor (cont. rating)                               | 30 kW (40 HP)    |
| Automatic tool changer | Tool storage capacity                                      | 30               |
|                        | Max. tool diameter                                         | Φ5 "             |
|                        | Max. tool diameter (without adjacent tool)                 | Φ8 "             |
|                        | Max. tool length (from gauge line)                         | 16 "             |
|                        | Max. tool weight                                           | 44 lbs           |
| Travel                 | X-axis                                                     | 630 "            |
|                        | Y-axis                                                     | 1100 "           |
|                        | Z-axis                                                     | 600 "            |
|                        | A-axis                                                     | - 130° ~ + 30°   |
|                        | Distance from table top to spindle nose (table horizontal) | 9 " to 31 "      |
| Rapid traverse rate    | X-axis                                                     | 1654 IPM         |
|                        | Y-axis                                                     | 1654 IPM         |
|                        | Z-axis                                                     | 1654 IPM         |
| Machine size           | Machine width × length (MAZATROL SmoothAi)                 | 106 " × 220 "    |
|                        | Machine height                                             | 138 "            |
|                        | Machine weight                                             | 44092 lbs        |