

## INTEGREX i-250H ST

|                        |                                            |                 |
|------------------------|--------------------------------------------|-----------------|
| Bed length             | Bed length type                            | 1500U           |
| Capacity               | Max. machining diameter (upper turret)     | Φ26"            |
|                        | Max. machining diameter (lower turret)     | Φ17"            |
|                        | Max. machining length                      | 60"             |
| Main spindle           | Chuck size                                 | 8"              |
|                        | Max. spindle speed                         | 5000 rpm        |
|                        | Spindle motor (40%ED)                      | 22 kW (30 HP)   |
|                        | Spindle motor (cont. rating)               | 15 kW (20 HP)   |
| Second spindle         | Chuck size                                 | 8"              |
|                        | Max. spindle speed                         | 5000 rpm        |
|                        | Spindle motor (40%ED)                      | 18.5 kW (25 HP) |
|                        | Spindle motor (cont. rating)               | 15 kW (20 HP)   |
| Milling spindle        | Max. spindle speed                         | 12000 rpm       |
|                        | Max. torque (40%ED)                        | 124 N·m         |
|                        | Max. torque (cont. rating)                 | 91.3 N·m        |
|                        | Spindle motor (40%ED)                      | 24 kW (32 HP)   |
|                        | Spindle motor (cont. rating)               | 22 kW (30 HP)   |
|                        | Min. B-axis indexing increment             | 0.0001°         |
| Lower turret           | Number of tools                            | 12              |
|                        | Tool shank height                          | 1"              |
|                        | Boring bar shank diameter                  | Φ1"             |
| Automatic tool changer | Tool shank                                 | HSK-A63         |
|                        | Tool storage capacity                      | 38              |
|                        | Max. tool diameter                         | Φ4"             |
|                        | Max. tool diameter (without adjacent tool) | Φ5"             |
|                        | Max. tool length (from gauge line)         | 16"             |
|                        | Max. tool weight                           | 26 lbs          |
| Travel                 | X-axis                                     | 27"             |
|                        | Y-axis                                     | 12"             |
|                        | Z-axis                                     | 62"             |
|                        | X2-axis (lower turret)                     | 9"              |
|                        | Z2-axis (lower turret)                     | 61"             |
|                        | B-axis                                     | -30° to +210°   |
| Rapid traverse rate    | X-axis                                     | 1969 IPM        |
|                        | Y-axis                                     | 1575 IPM        |
|                        | Z-axis                                     | 1969 IPM        |
|                        | X2-axis (lower turret)                     | 1575 IPM        |
|                        | Z2-axis (lower turret)                     | 1575 IPM        |
|                        |                                            |                 |
| Machine size           | Machine width × length                     | 197" × 106"     |
|                        | Height                                     | 107"            |
|                        | Machine weight                             | 36376 lbs       |