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| TRAVEL | | |
| X-axis | 1020(40.1") | mm/(inch) |
| Y-axis | 530(20.8") | mm/(inch) |
| Z-axis | 610(24") | mm/(inch) |
| Spindle nose to table surface | 100-710 (3.9"-27.9") | mm/(inch) |
| Spindle center to column surface | 550(21.6") | mm/(inch) |
| X.Y.Z. Axis Ball screws dia | 40 x Pitch12 | mm/(inch) |
| TABLE | | |
| Table Size | 1100 x 510 (43.3" x 20") | mm/(inch) |
| Working Area | 1100 x 510 (43.3" x 20") | mm/(inch) |
| Tee slots (CD x W x NO) | CD100 x 18 x 4 | mm/(inch) |
| Table load (maximun) | 800(1760) | KG(lbs) |
| SPINDLE | | |
| Spindle taper | BT 40 / CAT 40 | |
| Spindle speed - standard access | BT30 / 12,000 / opt 15,000 (Belt drive) Direct drive 15,000/20,000 rpm | RPM |
| Compatible with various types of spindels - Belt drive | BT40 8,000 / 10,000 / 12,000 BT50 8,000 / 10,000 | RPM |
| Compatible with various types of spindels - Direct drive Spindle | opt BT40 10,000/12,000/15,000-Direct drive BT50 10,000/12,000-Direct drive | RPM |
| Compatible with various types of spindels - Built-in drive Spindle | opt BT40 16,000/20,000/24,000/30,000-Built in BT 50 12,000/15,000/20,000 – Built in | RPM |
| FEEDRATE | | |
| Cutting Feedrate (X, Y, Z axis) | 1-10000(Depending Controller) | MM/MIN |
| 3Axes Slideways | LINEAR BALL SLIDE | |
| Rapid Traverse Rates (X/Y/Z axis) | 30/30/24 / opt 48/48/24 | MM/MIN |
| ATC | | |
| Capacity-standard access. | 16(Armless) | PCS |
| Capacity-optional access.(ARM) | 24/30(Arm), 32/40(Chain Type) | PCS |
| Tool Selection | Bi-directional & min.path | |
| Maximum tool diameter x length | Armless: 80 x 250 (3.1"x9.8") | MM(inch) |
| Maximum tool weight | Armless6(13.2) / Arm 8(17.6) | KG(lbs) |
| Air Power required | 6KG/cm2 | |
| Tool Shank | BT30/ISO30/BT40/ISO40/CAT40 | |
| MOTOR | | |
| Spindle drive Motor | Std: 7.5KW(10HP), opt:11KW(15HP) | KW(HP) |
| LINEAR BALL SLIDE | | |
| X/Y/Z axis | 35x2sets/35x2sets/35x2sets | KW(HP) |
| Carriage guide block-per axis | 4 / 4 / 4 blocks | |
| Coolant Pump | 1/2 | HP |
| Power Supply | 20KVA | |
| NET WEIGHT | 5300(11660) | KG(lbs) |
| SIZE | | |
| A | 272 | cm |
| B | 218 | cm |
| C | 180 | cm |
| D | 84 | cm |
| E (Belt/Direct Spindle) | 272/282 | cm |

*All specifications and designs are subject to change without notice.