

| VF-4 | | |
|--|---------------------------------------|---------------------------------------|
| TRAVELS | S.A.E. | METRIC |
| X Axis | 50 " | 1270 mm |
| Y Axis | 20 " | 508 mm |
| Z Axis | 25 " | 635 mm |
| Spindle Nose to Table (~ max) | 29 " | 737 mm |
| Spindle Nose to Table (~ min) | 4 " | 102 mm |
| TABLE | S.A.E. | METRIC |
| Length | 52 " | 1321 mm |
| Width | 18 " | 457 mm |
| T-Slot Width | 5/8 " | 16 mm |
| T-Slot Center Distance | 3.15 " | 80.0 mm |
| Number of Std T-Slots | 5 | 5 |
| Max Weight on Table (evenly distributed) | 3500 lb | 1588 kg |
| SPINDLE | S.A.E. | METRIC |
| Max Rating | 30 hp | 22.4 kW |
| Max Speed | 8100 rpm | 8100 rpm |
| Max Torque | 90 ft-lb @2000 rpm | 122 Nm @ 2000 rpm |
| Drive System | Inline Direct-Drive | Inline Direct-Drive |
| Max Torque w/opt Gearbox | 250 ft-lb @ 450 rpm | 339 Nm @ 450 rpm |
| Taper | CT or BT 40 | CT or BT 40 |
| Bearing Lubrication | Air/Oil injection | Air/Oil injection |
| Cooling | Liquid Cooled | Liquid Cooled |
| FEEDRATES | S.A.E. | METRIC |
| Rapids on X | 1000 in/min | 25.4 m/min |
| Rapids on Y | 1000 in/min | 25.4 m/min |
| Rapids on Z | 1000 in/min | 25.4 m/min |
| Max Cutting | 650 in/min | 16.5 m/min |
| AXIS MOTORS | S.A.E. | METRIC |
| Max Thrust X | 2550 lb | 11343 N |
| Max Thrust Y | 2550 lb | 11343 N |
| Max Thrust Z | 4200 lb | 18683 N |
| TOOL CHANGER | S.A.E. | METRIC |
| Type | Carousel (SMTC 30+1 or 40+1 Optional) | Carousel (SMTC 30+1 or 40+1 Optional) |
| Capacity | 20 | 20 |
| Max Tool Diameter (full) | 3.5 " | 89 mm |
| Max Tool Weight | 12 lb | 5.4 kg |
| Tool-to-Tool (avg) | 4.2 sec | 4.2 sec |
| Chip-to-Chip (avg) | 4.5 sec | 4.5 sec |
| GENERAL | S.A.E. | METRIC |
| Air Required | 4 scfm, 100 psi | 113 L/min, 6.9 bar |
| Coolant Capacity | 55 gal | 208 L |
| Side Mount Tool Changer (Optional) | 30+1 or 40+1 Tools | 30+1 or 40+1 Tools |