

| | Model | Unit | AV-510B | AV-610B | AV-850B | AV-1000B | AV-1100B | AV-1300B | AV-1600B | AV-2000B | AV-2200B | |
|----------------------|----------------------------------|--------------------|---------------------------|-----------------------------------------|----------------|---------------------|-----------------------------------------|----------------|-------------------------------|----------------|----------------|--|
| Travel | X-Axis | mm | 510 | 610 | 850 | 1020 | 1100 | 1600 | 1600 | 2000 | 2200 | |
| | Y-Axis | mm | 410 | 460 | 510 | 510 | 700 | 700 | 800 | 900 | 1000 | |
| | Z-Axis | mm | 460 | 510 | 560 | 560 | 610 | 710 | 800 | 800 | 800 | |
| | X/Y/Z Ballscrews | mm | C3 32 | C3 40 | | | | | C3 50 | | | |
| | Spindle Nose to Table Surface | mm | 130-590 | 130-640 | 140-700 | | 130-740 | 130-840 | 200-1000 | | 250-1050 | |
| Table | Table Size | mm | 600x370 | 800x450 | 1000x500 | 1200x500 | 1300x650 | 1500x650 | 1800x840 | 2200x850 | 2400x1000 | |
| | T-Slot (Size/Quan./Spacing) | mm | 14 / 3 / 100 | 18 / 3 / 100 | 18 / 5 / 100 | | | | 22 / 5 / 150 | | 22 / 7 / 150 | |
| | Max. Table Load | kg | 300 | 400 | 500 | | 1000 | | 2200 | 2500 | 3000 | |
| Spindle | Speed | RPM | 8000 (opt. 10K - 24K) | | | 8000 (opt. 10K-15K) | | | | | | |
| | Taper | | BT 40 / DIN 40 / CAT 40 | | | | | | | | | |
| | Drive System | | Belt Drive | | | | | | | | | |
| Feed Rates | Rapid Feed Rate X/Y/Z Axes | M/min | 24 / 24 / 16 | | | | 24 / 24 / 15 | | 15 / 15 / 12 | | | |
| | Cutting Feed Rate | mm/min | 1-10,000 | | | | | | | | | |
| ATC | Tool Capacity | pcs | Armless 12 (opt. 20) | Armless 16 (opt. armless 20, w/ arm 24) | | | Armless 20 (opt. w/ arm 24, w/ chain 3) | | #40 Arm 24 (opt. w/ chain 32) | | | |
| | Max. Tool Diameter | mm | Full=100, Next Empty=150 | | | | | | Full=80, Next Empty=150 | | | |
| | Max. Tool Length | mm | 300 | | | | | | | | | |
| | Max. Tool Weight | kg | 6 | 7 | | | | 7.5 | | | | |
| Motor Power | Spindle Motor | kw (HP) | 3.5/5.5 (7.5HP) | 5.5/7.5 (10HP) | | | 7.5/11 (15HP) | | 11/15 (20HP) | | | |
| | Axis Motors | kw | 1.5 | 2 | | | 3.5 | | 3.5/7/3.5 | | | |
| Coolant | Pressure | kg/cm ² | 10 | | | | | | | | | |
| | Pump Power | HP | 0.75 | | | | | | | | | |
| | Tank Capacity | L | 180 | 200 | 230 | | 270 | | 300 | | 590 | |
| Air & Power Supply | Air Source Pressure | kg/cm ² | 6 | | | | | | | | | |
| | Power | KVA | 15 | | | | 20 | | 35 | | | |
| Machine | Dimensions (LxWxH) | mm | 2000x2305x2460 | 2160x2435x2550 | 2900x2420x2850 | 2900x2420x2840 | 3000x2825x3028 | 3200x2825x3028 | 4400x3428x3310 | 5500x3750x3310 | 6130x4200x3530 | |
| | Net Weight (approx.) | kg | 2800 | 4860 | 6880 | 6400 | 8660 | 9600 | 17,700 | 18,500 | 25,000 | |
| | Gross Weight (approx.) | kg | 3000 | 5060 | 7080 | 6600 | 8860 | 9800 | 18,000 | 18,900 | 25,400 | |
| Standard Features | Fanuc Control | | Included With All Models | | | | | | | | | |
| | Rigid Tapping | | | | | | | | | | | |
| | Auto Power Off | | | | | | | | | | | |
| | Auto Lubrication | | | | | | | | | | | |
| | RS-232 Interface | | | | | | | | | | | |
| | Halogen Work Light | | | | | | | | | | | |
| | End of Program Light | | | | | | | | | | | |
| | Heat Exchanger for Elec. Cabinet | | | | | | | | | | | |
| | Full Guarding Chip Enclosure | | | | | | | | | | | |
| | Remote Handwheel | | | | | | | | | | | |
| Spindle Oil Cooler | | | | | | | | | | | | |
| Optional Accessories | High Pressure Coolant | | Available With All Models | | | | | | | | | |
| | A/C for Elec. Cabinet | | | | | | | | | | | |
| | Coolant Through Spindle (CTTS) | | | | | | | | | | | |
| | Screw Type Chip Conveyor | | | | | | | | | | | |
| | Oil Skimmer | | | | | | | | | | | |
| | Chain Type Chip Conveyor | | | | | | | | | | | |
| | Oil Through Tool Holder | | | | | | | | | | | |
| | Scraper Type Chip Conveyor | | | | | | | | | | | |
| | Oil Mist Lubrication Pump | | | | | | | | | | | |
| 4th Axis | | | | | | | | | | | | |