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2014.07.500

VERTICAL MACHINING CENTER

SHARP SV BOX WAYS SERIES





MODEL SV-2414S, SV-2414SE, SV-2414SX



- Small foot print
- Hardened and ground box ways
- Fanuc or Siemens control and drives



| MODEL | SV-2414S-M | SV-2414SE-M | SV-2414SX-M | SV-2414S-F | SV-2414SE-F | SV-2414SX-F |
|---------------------|--------------------|--------------------|--------------------|------------|-------------|-------------|
| X, Y, Z travel | | | 24" x 14' | 'x 18.1" | | |
| Table size | | | 28.0" x | 13.8" | | |
| Spindle speed (rpm) | | | 10,0 | 000 | | |
| ATC | Card | ousel | Side Mount | Card | ousel | Side Mount |
| Magazine capacity | 10 | 10/16 | 24 | 10 | 10/16 | 24 |
| Control | Siemens 828D 240.2 | Siemens 828D 260.2 | Siemens 828D 260.2 | 0i-mate-MD | 0i-MD | 0i-MD |

[·] Specifications subject to change without notice.

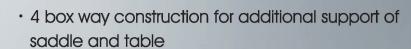
| Series S | Model | units | SV-2414S-M | SV-2414SE-M | SV-2414SX-M | SV-2414S-F | SV-2414SE-F | SV-2414SX-F |
|--|---------------------------------------|---------------|--------------------|--------------------|--------------------|--------------|-----------------|--------------|
| Covered Cov | Control | | Siemens 828D 240.2 | Siemens 828D 260.2 | Siemens 828D 260.2 | 0i-mate-MD | 0i-MD | 0i-MD |
| Travel | Screen size | | 8.4" LCD | 10.4" | LCD | | 8.4" LCD | |
| Second Inch (mm) | Guideways type | | | | Box ' | Way | | |
| Yeaks travel Inch (mm) | Travel | | | | | | | |
| Zaxis fravol Noh (mm) Spindle nose to table Noh (mm) Spindle nose to table Noh (mm) N | X axis travel | inch (mm) | | | 24.0 | (610) | | |
| Spindle nose to table Inch (mm) Spindle center to column Inch (mm) I | Y axis travel | inch (mm) | | | 14.0 | (356) | | |
| Spindle center to column | Z axis travel | inch (mm) | | | 18.1 | (460) | | |
| Table Carolea Inch [mm] 28.0 x 13.8 (710 x 350) Max. work piece weight Inch [mm] Inch [m | Spindle nose to table | inch (mm) | | | 3.1 - 20.94 (| (78.8 – 530) | | |
| Table arise Inch (mm) I | Spindle center to column | inch (mm) | 25 25 | | 16.9 | (430) | | |
| Max. work place weight Spirale | Table | | | | | | | |
| Spindle Speed RPM 10,000 Topper CAT40 Topp | Table area | inch (mm) | | | 28.0 x 13.8 | (710 x 350) | | |
| Speed RPM | Max. work piece weight | lb.(kg) | | | 770 (| (350) | | |
| Table Tab | Spindle | | | | | | | |
| Driving type Feet rate Table | Speed | RPM | | | 10,0 | 000 | | |
| Repid factorese | Taper | | | | CA ⁻ | T40 | | |
| Part | Driving type | | | | Belt [| Orive | | |
| Cutting feed rate (pm (mm/min)) 0.04 - 393.7 (1 - 10.000) Motor Spindle motor (cont/30 min) hp (w) Authornatic tool changer Side Mount Carouse! Side Mount Carouse! Side Mount Magazine capacity 10 10 (16) 24 10 (16) 24 Method of tool selection Set tool number Random Set tool number Random Max tool diameter inch (mm) 3.9 (120) 3.7 (91.2) 3.9 (120) 3.7 (91.2) 3.9 (120) 3.7 (91.2) 3.9 (120) 3.7 (93.3) 3.0 (76.2) 3.9 (120) | Feed rate | | | | | | | |
| Motor Spindle motor (cont/30 min) hp (kw) 9.3/10.7 (7/8) 7.3/10 (5.5/7.5) | Rapid traverse | ipm (mm/min) | | | X/Y/Z : 590 | .6 (15,000) | | |
| Spindle motor (cont/30 min) hp (kw) 9.3/10.7 (7/8) 7.3/10 (5.5/7.5) Automatic tool changer Caruser Side Mount Side Mount Side Side Mount Caruser Side Mount Side Side Side Side Side Side Side Side | Cutting feed rate | ipm (mm/min) | | | 0.04 - 393.7 | (1 – 10,000) | | |
| Automatic tool changer Carouset Side Mount Carouset Side Mount Magazine capacity 10 10 (16) 24 10 10 (16) 24 Method of tool selection Set tool number Random Set tool number Random Set tool number Random Mide tool of selection Set tool number Random Set tool number Random Set tool number Random Without adjacent fool Inch (mm) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) Without adjacent fool Inch (mm) 9 (229) 7.2 [183] 5 (127) 9 (229) 7.2 [183] 5 (127) Max. tool length Inch (mm) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) | Motor | | | | | | | |
| Magazilne type Carouset Side Mount Carouset Carouset Rad not set to the Mount of Inch (mm) Set to Inch (mm) Set to Inch (mm) Set (Name) | Spindle motor (cont/30 min) | hp (kw) | | 9.3/10.7 (7/8) | | | 7.3/10 (5.5/7.5 |) |
| Mogazine capacity 10 10 (16) 24 10 10 (16) 24 Method of tool selection Set tool number Random Set tool number Random Max. tool claimeter Inch (mm) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 9 (229) 7.2 (183) 5 (127) Max tool length 1.0 (10) 18.8 (350) 12.0 (304.8) 13.8 (350) 13.8 (350) 12.0 (304.8) 13.8 (350) 13.8 (350) 12.0 (304.8) 13.8 (350) 12.0 (304.8) 13.8 (350) 12.0 (304.8) 13.8 (350) 12.0 (304.8) 13.8 (350) 12.0 (304.8) 12.0 (304.8) 12.0 (304.8) 12.0 (304.8) 12.0 (304.8) 12.0 (304.8) 12.0 (3 | Automatic tool changer | | | | | | | |
| Method of fool selection Set tool number Random Set tool number Random Max. tool diameter inch (mm) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (200) 7.2 (183) 5 (127) 9 (229) 7.2 (183) 5 (127) 9 (229) 7.2 (183) 5 (127) 9 (229) 7.2 (183) 5 (127) 9 (229) 7.2 (183) 5 (127) 9 (229) 7.2 (183) 5 (127) 9 (229) 7.2 (183) 5 (127) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) | Magazine type | | Caro | usel | Side Mount | Card | ousel | Side Mount |
| Max. tool diameter linch (mm) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.0 (76.2) 3.0 (76.2) 3.9 (120) 3.7 (93) 3.0 (76.2) 3.0 (20.0) 3.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.8 (350) 13.6 (35) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15. | Magazine capacity | | 10 | 10 (16) | 24 | 10 | 10 (16) | 24 |
| Without adjacent tool linch (mm) 9 (229) 7.2 (183) 5 (127) 9 (229) 7.2 (183) 5 (127) Max. tool length linch (mm) 13.8 (350) 13.8 (350) 12.0 (304.8) 13.8 (350) 15.4 (7) | Method of tool selection | | Set tool n | number | Random | Set tool | number | Random |
| Max. tool length lnch (mm) 13.8 (350) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 15.4 (7) 2.7 2.8 (1.850) | Max. tool diameter | inch (mm) | 3.9 (120) | 3.7 (93) | 3.0 (76.2) | 3.9 (120 | 3.7 (93) | 3.0 (76.2) |
| Max. tool weight lb.(kg) 15.4 (7) 2.7 7 2.7 7 2.7 2.7 7 2.7 2.7 7 2.7 2.7 7 2.7 2.7 7 2.7 2.7 2.7 3 2.7 2.7 3 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 7 7 7 <t< td=""><td>Without adjacent tool</td><td>inch (mm)</td><td>9 (229)</td><td>7.2 (183)</td><td>5 (127)</td><td>9 (229)</td><td>7.2 (183)</td><td>5 (127)</td></t<> | Without adjacent tool | inch (mm) | 9 (229) | 7.2 (183) | 5 (127) | 9 (229) | 7.2 (183) | 5 (127) |
| Tool change firme (tool to tool) sec 7 2.7 7 2.7 Tool change firme (chip to chip) sec 8 6 6 8 6 Air blast when making tool change Standard Accuracy Positioning accuracy* +/- inch (mm) ±0.00016 / 0.004 Repeatability accuracy* +/- inch (mm) ±0.00012 / 0.003 Machine size Width (w/o chip conveyor) inch (mm) 72.8 (1,850) 78.7 (2,000) 72.8 (1,850) 78.7 (2,000) Depth (w/o chip conveyor) inch (mm) 85.0 (2,160) 85.0 (2,160) 85.0 (2,160) 85.0 (2,160) Height inch (mm) 91.5 (2,325) Weight inch (mm) 25.0 (635) Coolant system Number of flood coolant nozzles Coolant tank capacity gal (L) Chip pan Standard Air blower nozzle (for cutting dry) Power requirements Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Max. tool length | inch (mm) | 13.8 (350 | 13.8 (350) | 12.0 (304.8) | 13.8 (350 | D) 13.8 (350 | 12.0 (304.8) |
| Tool change filme (chip to chip) sec 8 6 8 6 Air blast when making tool change Standard Accuracy Positioning accuracy* | Max. tool weight | lb.(kg) | 15.4 (7) | 15.4 (7) | 15.4 (7) | 15.4 (7) | 15.4 (7) | 15.4 (7) |
| Air blast when making tool change Accuracy Positioning accuracy* +/- inch (mm) | Tool change time (tool to tool) | sec | 7 | | 2.7 | 7 | 7 | 2.7 |
| Accuracy +/- Inch (mm) ±0.00016 / 0.004 Repeatability accuracy* +/- Inch (mm) ±0.00012 / 0.003 Machine size Width (w/o chip conveyor) inch (mm) 72.8 (1,850) 78.7 (2,000) 72.8 (1,850) 78.7 (2,000) Depth (w/o chip conveyor) inch (mm) 85.0 (2,160) 85.0 (2,1 | Tool change time (chip to chip) | sec | 8 | | 6 | 8 | 3 | 6 |
| Positioning accuracy* +/- inch (mm) ±0.00016 / 0.0004 Repeatability accuracy* +/- inch (mm) ±0.00012 / 0.0003 Machine size Width (w/o chip conveyor) Width (w/o chip conveyor) inch (mm) 72.8 (1,850) 78.7 (2,000) 72.8 (1,850) 78.7 (2,000) Depth (w/o chip conveyor) inch (mm) 85.0 (2,160) 85.0 (2,160) 85.0 (2,160) 85.0 (2,160) Height inch (mm) 91.5 (2,325) <th< td=""><td>Air blast when making tool change</td><td></td><td></td><td></td><td>Stand</td><td>dard</td><td></td><td>1.11</td></th<> | Air blast when making tool change | | | | Stand | dard | | 1.11 |
| Repeatability accuracy* +/- inch (mm) ±0.00012 / 0.003 Machine size Width (w/o chip conveyor) inch (mm) 72.8 (1,850) 78.7 (2,000) 72.8 (1,850) 78.7 (2,000) Depth (w/o chip conveyor) inch (mm) 85.0 (2,160) <td< td=""><td>Accuracy</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | Accuracy | | | | | | | |
| Machine size Width (w/o chip conveyor) inch (mm) 72.8 (1,850) 78.7 (2,000) 72.8 (1,850) 78.7 (2,000) Depth (w/o chip conveyor) Inch (mm) 85.0 (2,160) 85.0 | Positioning accuracy* | +/- inch (mm) | | | ±0.0001 | 6 / 0.004 | | |
| Width (w/o chip conveyor) inch (mm) 72.8 (1,850) 78.7 (2,000) 72.8 (1,850) 78.7 (2,000) Depth (w/o chip conveyor) Inch (mm) 85.0 (2,160) 85.0 (2,160) 85.0 (2,160) 85.0 (2,160) Height inch (mm) 91.5 (2,325) | Repeatability accuracy* | +/- inch (mm) | | | ±0.0001 | 2 / 0.003 | | |
| Depth (w/o chip conveyor) Inch (mm) 85.0 (2,160) 85.0 (2,1 | Machine size | | | | | | | |
| Height inch (mm) 91.5 (2,325) Weight Ib.(kg) 7,260 (3300) Door opening inch (mm) 25.0 (635) Coolant system Number of flood coolant nozzles 2 Coolant tank capacity gal (L) 42 (160) Chip pan Standard Air blower nozzle (for cutting dry) 1 Power requirements Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Width (w/o chip conveyor) | inch (mm) | 72.8 (1,850 |)) 7 | 78.7 (2,000) | 72.8 (1,85 | 0) 7 | 8.7 (2,000) |
| Weight Ib.(kg) 7,260 (3300) Door opening Inch (mm) 25.0 (635) Coolant system Number of flood coolant nozzles Coolant tank capacity gal (L) 42 (160) Chip pan Standard Alr blower nozzle (for cutting dry) 1 Power requirements Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Depth (w/o chip conveyor) | inch (mm) | 85.0 (2,160 |)) 8 | 35.0 (2,160) | 85.0 (2,16 | 0) 8 | 5.0 (2,160) |
| Door opening inch (mm) 25.0 (635) Coolant system Number of flood coolant nozzles 2 Coolant tank capacity gal (L) 42 (160) Chip pan Standard Air blower nozzle (for cutting dry) 1 Power requirements Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Height | inch (mm) | | | 91.5 (2 | 2,325) | | |
| Coolant system 2 Number of flood coolant nozzles 2 Coolant tank capacity gal (L) Chip pan Standard Air blower nozzle (for cutting dry) 1 Power requirements Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Weight | lb.(kg) | | | 7,260 | (3300) | | |
| Number of flood coolant nozzles Coolant tank capacity gal (L) Chip pan Standard Air blower nozzle (for cutting dry) Power requirements Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Door opening | inch (mm) | | | 25.0 | (635) | | |
| Coolant tank capacity Chip pan Alr blower nozzle (for cutting dry) Power requirements Electrical Yoltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 42 (160) Standard 1 220V (with transformer) 3 Phase /20 KVA/ 60 Hz | Coolant system | | | | | | | |
| Chip pan Standard Air blower nozzle (for cutting dry) 1 Power requirements Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Number of flood coolant nozzles | | | | 2 | 2 | | |
| Air blower nozzle (for cutting dry) Power requirements Electrical Voltage/ Hz Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Coolant tank capacity | gal (L) | | | 42 (| 160) | | |
| Power requirements Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Chip pan | | | | | | | |
| Electrical Voltage/ Hz 220V (with transformer) 3 Phase /20 KVA/ 60 Hz 220V 3 Phase /20 KVA/ 60 Hz | Air blower nozzle (for cutting dry) | | | | 1 | | | |
| | Power requirements | | | | | | | |
| Air 6 CFM @ 88psi | Electrical | Voltage/ Hz | 220V (with trans | former) 3 Phase | /20 KVA/ 60 Hz | 220V | 3 Phase /20 KVA | 60 Hz |
| | Air | | | | 6 CFM @ | @ 88psi | | |

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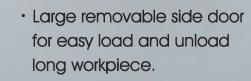




MODEL SV-4328ST, SV-4328SX, SV-5128ST, SV-5128SX



• Largest Y travel (27.6") in this class of machine, eliminate extra set up for longer cuts





| MODEL | SV-4328ST | SV-4328SX | SV-5128ST | SV-5128SX | |
|----------------------|---------------------|------------------|------------------------|------------------|--|
| X, Y, Z travel | 43.3" x 27.6" x 24" | | 51.2" x 27.56" x 27.8" | | |
| Table size | 51.2" x 25.6" | | 59" x 25.6" | | |
| Spindle speed (rpm) | 10,000 (steel) | 12,000 (Ceramic) | 10,000 (steel) | 12,000 (Ceramic) | |
| ATC | 24 tools | | | | |
| Motor (cont./30 min) | 20/25 HP | | | | |
| Wt. | 15,840 lbs | 15,840 lbs | 17,600 lbs | 17,600 lbs | |

· Specifications subject to change without notice.

| Specifications | | SV-4328ST | SV-4328SX | SV-5128ST | SV-5128SX |
|----------------------------------|-----------------|--------------------------|---------------------------|--------------------------|---------------------------------------|
| Work Capacity | | | | | |
| X axis travel | inch (mm) | 43.3 (| 1100) | 51.2 (| 1300) |
| Y axis travel | inch (mm) | 27.6 | (700) | 27.56 | (700) |
| Z axis travel | inch (mm) | 24 (| 510) | 27.95 | (710) |
| Spindle nose to table | inch (mm) | 5.1~29.1 | (130~740) | 5.1~33 (1 | 30~840) |
| Spindle center to column | inch (mm) | 28.7 | (730) | 28.7 | (730) |
| Worktable | | | | | |
| Table area | inch (mm) | 51.2 x 25.6 | (1300 x 650) | 59 x 25.6 (1 | 500 x 650) |
| Floor to table | inch (mm) | 33.5 | (850) | 33.5 | (850) |
| Max. workpiece weight | lb. (kg) | 2200 | (1000) | 2200 (| 1000) |
| T-Slot (Number x Width x Pitch) | | 5 x 0.7 x 3.9 | (5 x 18 x 100) | 5 x 0.7 x 3.9 (| 5 x 18 x 100) |
| Spindle | | | | | |
| Spindle taper | | CAT | -40 | CAT | -40 |
| Spindle speed (max) | rpm | 10,000 (steel, bearings) | 12,000 (ceramic bearings) | 10,000 (steel, bearings) | 12,000 (ceramic bearings) |
| Spindle motor: cont. / 30 min | hp (kw) | 20 / 25 (1 | | 20 / 25 (1 | |
| Spindle torque: 30 minute rating | ft-lb. (nm) | 86.8 (117.7) @1500 rpm | 72 (97.5) @1500 rpm | 86.8 (117.7) @1500 rpm | 72 (97.5) @1500 rpm |
| Transmission | | | elt | Be | |
| Automatic Tool Changer | | | | | |
| ATC type | | Arm | Туре | Arm | Type |
| Magazine capacity | | 2 | | 2 | |
| Max. tool diameter | inch (mm) | 2.99 | (76) | 2.99 | (76) |
| Without adjacent tool | inch (mm) | 5.9 (| | 5.9 (| • |
| Max. tool length | inch (mm) | 11.8 | | 11.8 | - |
| Max. tool weight | lb. (kg) | 15.4 | · · · · | 15.4 | |
| Tool change time (tool to tool) | | 4.6 | sec | 4.6 | sec |
| Tool change time (chip to chip) | | 6 s | ec | 6 s | ec |
| Method of tool selection | | Rand | dom | Rand | dom |
| Motion | | | | | |
| Rapid traverse | ipm (mm/min) | X/Y: 945 (24,000) | , Z: 590 (15,000) | X/Y: 945 (24,000) | , Z: 590 (15,000) |
| Cutting feed rate | ipm (mm/min) | 0.04~393.7 | (1~10,000) | 0.04~393.7 | (1~10,000) |
| Transmission | | Direct | Drive | Direct | Drive |
| Feed motor (Fanuc) | lb. (kgf) | X/Y: 8.5 (12 |), Z: 16 (22) | X/Y: 8.5 (12 |), Z: 16 (22) |
| Positioning accuracy* | inch (mm) | 0.0002 (- | | 0.0002 (- | • |
| Repeatability accuracy* | inch (mm) | 0.0001 (- | +/-0.003) | 0.0001 (- | +/-0.003) |
| Coolant System | | | , | | * |
| Coolant tank capacity | gal (L) | 132 (| (500) | 132 (| 500) |
| Flood coolant flow volume | gal/min (L/min) | 28 (| | 28 (| |
| Number of flood coolant nozzles | | 3 | 3 | 3 | 3 |
| Machine Size | | | | | |
| Floor space (w/o chip conveyor) | inch (mm) | W:114 (2900) | CD:114 (2895) | W:126 (3200) | (D:111 (2825) |
| Height | inch (mm) | 122 (| 1 | 122 (| |
| Approx. Weight | lb. (kg) | 15,840 | | 17,600 | · · · · · · · · · · · · · · · · · · · |
| Door opening | inch (mm) | 47.64 | | 47.64 | |
| Power Requirements | | | | | |
| Electrical | 220V / 60 Hz | 3 Phase | / 30 KVA | 3 Phase | / 30 KVA |
| Air | | 6 CFM (| | 6 CFM @ | |
| Specifications subject to change | ne without no | | | | 04 |

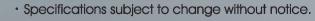
Specifications subject to change without notice.



MODEL SV-6332SX



| MODEL | SV-6332SX | | | |
|----------------------|---------------------------|--|--|--|
| X, Y, Z travel | 63" x 31.5" x 31.5" | | | |
| Table size | 70.8" x 33" | | | |
| Spindle speed (rpm) | 12,000 (ceramic bearings) | | | |
| Spindle Taper | CAT-40 | | | |
| ATC | 30 Tools | | | |
| Motor (cont./30 min) | 20/25 HP | | | |
| Wt. | 33,000 lbs | | | |
| | | | | |



| inch (mm) | 63 (1600) | | | |
|---------------------------------------|---|--|--|--|
| inch (mm) | 31.5 (800) | | | |
| inch (mm) | 31.5 (800) | | | |
| inch (mm) | 7.8 — 39.3 (200 - 1000) | | | |
| Inch (mm) | 34.2 (870) | | | |
| | | | | |
| inch (mm) | 70.8 x 33 (1800 x 840) | | | |
| inch (mm) | 36.4 (925) | | | |
| | 4840 (2200) | | | |
| | 5 x 0.86 x 5.9 (5 x 22 x 150) | | | |
| | | | | |
| | CAT-40 | | | |
| rpm | 12,000 (ceramic bearings) | | | |
| | 20 / 25 (15 / 18.5) | | | |
| | 72 (97.5) @ 1500 rpm | | | |
| | Belt | | | |
| | | | | |
| | Arm Type | | | |
| | 30 | | | |
| inch (mm) | 3.0 (76) | | | |
| | 5.9 (150) | | | |
| | 11.8 (300) | | | |
| | 15.4 (7) | | | |
| (-9) | 1.5 sec | | | |
| | 2.4 sec | | | |
| | Random | | | |
| | | | | |
| ipm (mm/min) | X/Y: 590 (15,000), Z: 472 (12,000) | | | |
| | 0.04 - 393.7 (1 - 10,000) | | | |
| | Direct drive | | | |
| inch (mm) | 1.97 / 0.4 (50 / 10) | | | |
| | X/Y/Z: 16 (22) / 22 (30) / 16 (22) | | | |
| ` ' | X/Y/Z: 7167 (3251) | | | |
| | +/- 0.0002 (0.005) | | | |
| | +/- 0.0001 (0.003) | | | |
| | | | | |
| gal (L) | 132 (500) | | | |
| | 28 (105) | | | |
| | 3 | | | |
| 20 bar | | | | |
| | | | | |
| inch (mm) | W: 173.2 (4400) x D: 135 (3428) | | | |
| · · · · · · · · · · · · · · · · · · · | 130.3 (3310) | | | |
| | 33,000 (15,000) | | | |
| | 70.8 (1800) | | | |
| | , 5.5 (. 555) | | | |
| | | | | |
| 220V / 60 Hz | 3 Phase / 35 KVA | | | |
| | inch (mm) inch (mm) inch (mm) inch (mm) | | | |

