

| Item                         |                                     | Unit                     | VCB-565D                    |                     | VCB-765               |                      | VCB-765D                    |                     | VCB-1065               |                      | VCB-1065D                    |                     |              | VCB-1585                 |                      | VCB-1837                       |                      |                    | VCB-2237                       |                |            |
|------------------------------|-------------------------------------|--------------------------|-----------------------------|---------------------|-----------------------|----------------------|-----------------------------|---------------------|------------------------|----------------------|------------------------------|---------------------|--------------|--------------------------|----------------------|--------------------------------|----------------------|--------------------|--------------------------------|----------------|------------|
| Table                        | Table Dimension                     | mm/in.                   | 700x600 (X 2) (27.50x23.62) |                     | 850x600 (33.47x23.62) |                      | 850x600 (X 2) (33.38x23.62) |                     | 1200x600 (47.25x23.62) |                      | 1200x600 (x 2) (47.25x23.62) |                     |              | 1700x800 (66.93x31.50)   |                      | 1800x1200 (70.87x47.25)        |                      |                    | 2200x1200 (86.61x47.25)        |                |            |
|                              | Max. Table Load                     | kg/lbs.                  | 800 (1760)                  |                     | 1500 (3300)           |                      | 1000 (2200)                 |                     | 2400 (5280)            |                      | 1500 (3300)                  |                     |              | 3000 (6600)              |                      | 4000 (8800)                    |                      |                    | 5000 (11,000)                  |                |            |
| Travels                      | X-Axis                              | mm/in.                   | 500 (19.69)                 |                     | 700 (27.56)           |                      | 700 (27.50)                 |                     | 1000 (39.37)           |                      | 1000 (39.37)                 |                     |              | 1500 (59.06)             |                      | 1800 (70.87)                   |                      |                    | 2200 (86.61)                   |                |            |
|                              | Y1-Axis                             | mm/in.                   | 600 (23.62)                 |                     | 600 (23.62)           |                      | 600 (23.62)                 |                     | 600 (23.62)            |                      | 600 (23.62)                  |                     |              | 800 (31.50)              |                      | 1300 (51.18)                   |                      |                    | 1300 (51.18)                   |                |            |
|                              | Y2-Axis                             | mm/in.                   | 600 (23.62)                 |                     | N/A                   |                      | 600 (23.62)                 |                     | N/A                    |                      | 600 (23.62)                  |                     |              | N/A                      |                      | N/A                            |                      |                    | N/A                            |                |            |
|                              | Z-Axis                              | mm/in.                   | 500 (19.69)                 |                     | 500 (19.69)           |                      | 500 (19.69)                 |                     | 500 (19.69)            |                      | 500 (19.69)                  |                     |              | 500 (19.69)              |                      | 700 (27.56) [opt. 900 (35.43)] |                      |                    | 700 (27.56) [opt. 900 (35.43)] |                |            |
|                              | Distance from Table to Spindle Nose | mm/in.                   | 150-650 (5.88-25.40)        |                     | 235-735 (9.25-28.93)  |                      | 200-700 (7.25-27.50)        |                     | 235-735 (9.25-28.93)   |                      | 200-700 (7.25-27.5)          |                     |              | 235-735 (9.25-28.93)     |                      | 150-850 (5.91-33.46)           |                      |                    | 150-850 (5.91-33.46)           |                |            |
| Automatic Tool Changer (ATC) | pcs.                                | 24 (opt. 48)             |                             | 16 (opt. 24)        |                       | 24 (opt. 48)         |                             | 16 (opt. 24)        |                        | 24 (opt. 48)         |                              |                     | 16 (opt. 24) |                          | 16 (opt. 24/40/60)   |                                |                      | 16 (opt. 24/40/60) |                                |                |            |
| Tools                        | Taper of Spindle Nose               |                          | HSK-A 63                    | CAT 40              | HSK-A 63              | CAT 40               | HSK-A 63                    | CAT 40              | HSK-A 63               | CAT 40               | HSK-A 63                     | CAT 40              | CAT 50       | HSK-A 63                 | CAT 40               | HSK-A 63                       | CAT 40               | CAT 50             | HSK-A 63                       | CAT 40         | CAT 50     |
|                              | Spindle Speeds                      | RPM                      | 24,000                      | 8,000 (opt. 10,000) | 24,000                | 12,000 (opt. 15,000) | 24,000                      | 8,000 (opt. 10,000) | 24,000                 | 12,000 (OPT. 15,000) | 24,000                       | 8,000 (opt. 10,000) | 6000         | 24,000                   | 12,000 (opt. 15,000) | 24,000                         | 12,000 (opt. 15,000) | 6,000              | 24,000                         | 000 (opt. 15,0 | 6,000      |
|                              | Max. Tool Diameter                  | in.                      | 60 (2.36)                   | 80 (3.15)           | 60 (2.36)             | 80 (3.15)            | 60 (2.36)                   | 80 (3.15)           | 60 (2.36)              | 80 (3.15)            | 60 (2.36)                    | 80 (3.15)           | 125 (3.15)   | 60 (2.36)                | 80 (3.15)            | 60 (2.36)                      | 80 (3.15)            | 125 (3.15)         | 60 (2.36)                      | 80 (3.15)      | 125 (3.15) |
|                              | Max. Tool Weight                    | lbs.                     | 8.8                         | 17.6                | 8.8                   | 17.6                 | 8.8                         | 17.6                | 8.8                    | 17.6                 | 8.8                          | 17.6                | 35           | 8.8                      | 17.6                 | 8.8                            | 17.6                 | 35                 | 8.8                            | 17.6           | 35         |
| Controller                   |                                     | Fanuc OiMD (opt. 31i-MB) |                             |                     |                       |                      |                             |                     |                        |                      |                              |                     |              |                          |                      |                                |                      |                    |                                |                |            |
| Machine                      | Spindle Motor Cont./30 min. rated   | hp                       | 15 (opt. 20/25)             |                     | 15 (opt. 20/25)       |                      | 15 (opt. 20/25)             |                     | 15 (opt. 20/25)        |                      | 15 (opt. 20/25)              |                     |              | 15 (opt. 20/25 or 30/35) |                      | 15 (opt. 20/25 or 30/35)       |                      |                    | 15 (opt. 20/25 or 30/35)       |                |            |
|                              | Machine Dimensions (LxDxH)          | in.                      | 142x114x118                 |                     | 105x104x113           |                      | 169x114x118                 |                     | 120x103x113            |                      | 193x114x118                  |                     |              | 151x123x114              |                      | 154x176x137                    |                      |                    | 171x181x140                    |                |            |
|                              | Machine Weight                      | kg/lbs.                  | 13,000 (28,600)             |                     | 7500 (16,500)         |                      | 15,000 (33,000)             |                     | 9,000 (19,800)         |                      | 17,000 (37,400)              |                     |              | 12,500 (27,500)          |                      | 22,000 (48,400)                |                      |                    | 25,000 (55,000)                |                |            |