

STYLE 300-1200 series

Technical specifications

| Machine | | STYLE 300 | STYLE 350 | STYLE 510 | STYLE 650 | STYLE 750 | STYLE 1000 | STYLE 1200 |
|--|--------|-----------------|-----------------|--|---|--------------------------|--|------------------------|
| Swing over bed | mm | 320 | 380 | 510 | 650 | 750 | 1000 | 1200 |
| Swing over support | mm | 180 | 190 | 300 | 430 | 530 | 710 | 910 |
| Distance between centers | mm | 500 | 850 | 1350 / 1850 ¹ | 900 / 1900 / 2900 / 3900 | | 2200 / 3200 / 4000 / 5000 | |
| Bed width | mm | 190 | 305 | 330 | 450 | 450 | 560 | |
| Maximum weight between centers | kg | - | 300 | 600 / 750 ² | 1500 | 1500 / 2000 ² | 3200 / 3500 ² | |
| Main spindle | | | | | | | | |
| Main motor power (S6) | kW | 3.7 | 5.5 / 7.5 | 7.5 / 11 | 23 / 27.5 / 35 | 23 / 27.5 / 35 | 27.5 / 35 | |
| Spindle bore | ø mm | 40 | 54 | 80 / 102 | 105 | 105 / 155 / 188 / 230 | 105 / 250 / 305 | |
| Max main spindle torque (S6) | Nm | 47.8 | 373 / 509 | 718 / 1050 (80) | 3450 / 4140 / 7900 (105) | 4090 / 4870 / 9290 (155) | 22725 / 43385 (155) | |
| with gearbox | | | | 1180 (102) | | 5875 / 11217 (180/230) | 43730 / 83490 (250/305) | |
| Max spindle speed | rpm | 4000 | 3000 / 4000 | 2500 (80) / 2100 (102) | 2000 (105) | 2000 (105) / 1500 (155) | 600 (250/305) / 800 (155) | |
| | | | | | | 1250 (180) / 1000 (230) | | |
| Spindle taper | | D1-4 | D1-6 | D1-8 | D1-11 | D1-11 / A2-11 / A2-15 | A2-11 / A2-15 / A2-20 | |
| X- and Z-axis | | | | | | | | |
| Ball screw spindle ø X-axis | mm | 16 | 25 | 25 | 32 | 32 | 40 | 40 |
| Ball screw spindle ø Z-axis | mm | 25 | 40 | 40 | 50 | 50 / 63 | 63 | 63 |
| Rapid movement | m/min | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Feed rate | mm/min | 0.01 - 1000 | 0.01 - 2000 | 0.01 - 2000 | 0.01 - 2000 | 0.01 - 2000 | 0.01 - 2000 | 0.01 - 2000 |
| Tail stock | | | | | | | | |
| Quill | ø mm | 40 | 54 | 75 / 80 ² | 105 | 105 / 125 ² | 105 / 165 ² | 105 / 165 ² |
| Quill stroke | mm | 100 | 100 | 150 | 225 | 225 | 275 | 275 |
| Quill taper | MT | 3 | 4 | 5 | 5 | 5 / 6 ² | 6 | 6 |
| General | | | | | | | | |
| Weight | kg | 800 | 2000 | 2700 / 3250 | 4700 / 5700 / 6800 / 7900 | | | |
| Machine dimensions (l/w/h) | m | 1.8 × 1.0 × 1.2 | 2.5 × 1.8 × 1.8 | 3.2 × 1.8 × 1.8 (1350) 3.2 × 1.8 × 1.8 (1850) | 3.1 × 2.3 × 2.2 (900) 4.1 × 2.3 × 2.2 (1900) 5.1 × 2.3 × 2.2 (2900) 6.1 × 2.3 × 2.2 (3900) | | 7000 / 8200 / 9000 / 10000 4.5 × 2.8 × 2.4 (2200) 5.5 × 2.8 × 2.4 (3200) 6.3 × 2.8 × 2.4 (4000) 7.3 × 2.8 × 2.4 (5000) | |
| Options | | | | | | | | |
| Automatic gear change | | - | - | - | standard | standard | standard | standard |
| Automatic chip conveyor | | - | option | option | standard | standard | standard ³ | standard ³ |
| Automatic tool changer | | - | option | option | option | option | option | option |
| Spindle indexing | | - | - | - | option | option | option | option |
| Automatic tool changer with driven tools | | - | - | - | option | option | option ⁴ | option ⁴ |
| Steady rest (3 points) | ø mm | - | 10 - 300 | 20 - 150 / 10 - 300 | 50 - 300 / 60 - 400 | 50 - 300 / 60 - 400 | | |
| Steady rest (2 points) | ø mm | - | - | - | - | 380 - 500 | 50-380 / 380-650 / 650-800 (1200) 470 - 700 | |

¹ With heavy tail stock dbc is 1200/1700 ² Possible with heavy duty tail stock

³ Two standard chip conveyors ⁴ Automatic changer at front of X-support