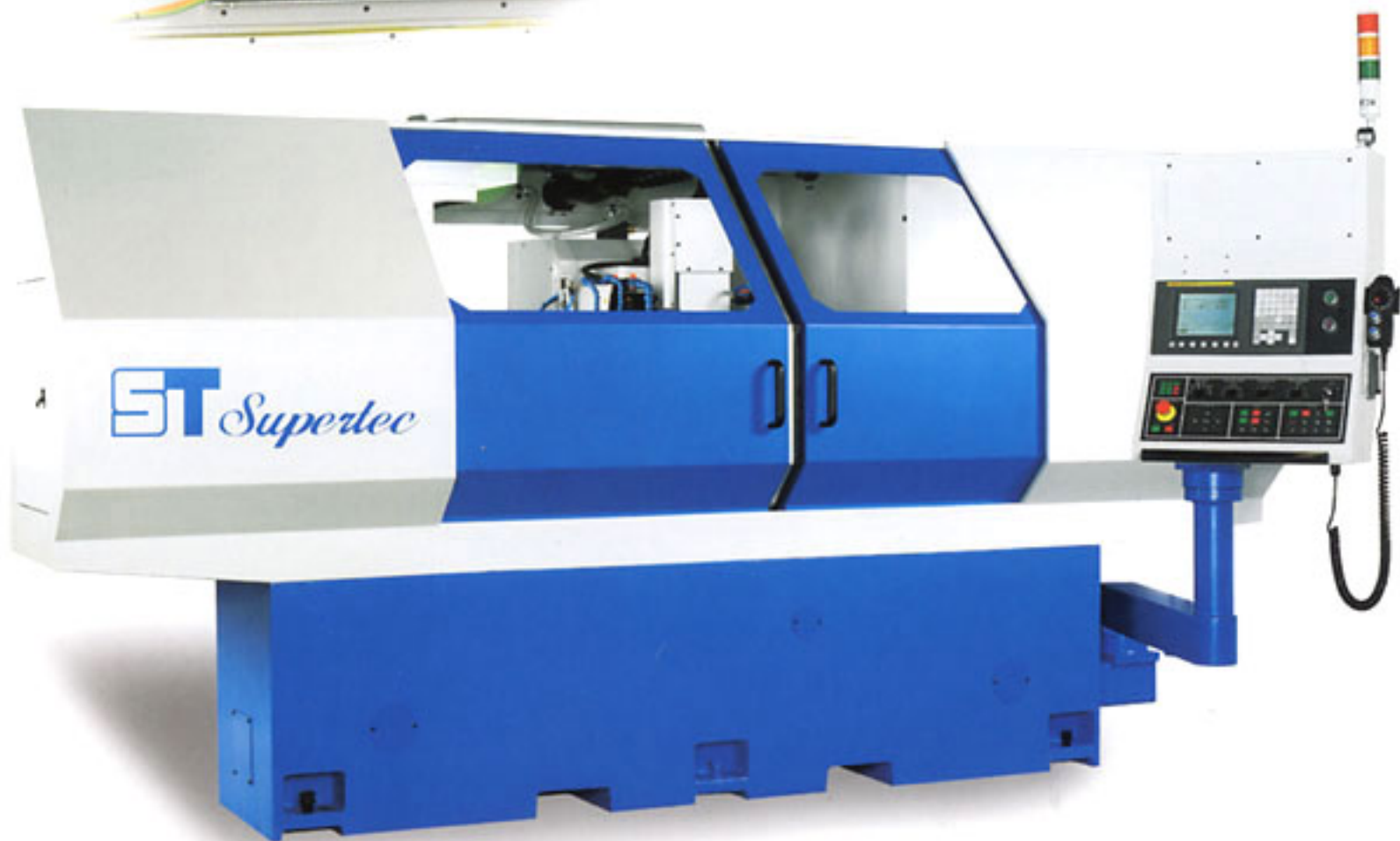




**SUPERTEC<sup>®</sup>** *Since 1954*

# CNC UNIVERSAL CYLINDRICAL GRINDER



|                  | Model                                   | 650           | 1000  |
|------------------|---|---------------|---|
| General Capacity | Swing Over Table                        | mm(in)        | Ø310 (Ø12.2)  |
|                  | Distance Between Centers                | mm(in)        | 600(24)   1000(40)  |
|                  | Max. Grinding Diameter                  | mm(in)        | Ø300(Ø12)   |
|                  | Max. Load Held Between Centers          | kg(lb)        | 100(220)  |
| Grinding Wheel   | Diameter x Width x Bore (LH)            | mm(in)        | Ø355x50xØ127 (Ø14x2xØ5)<br>opt Ø405x50xØ127 (Ø14x2xØ5)        |
|                  | Diameter x Width x Bore (RH)            | mm(in)        | Ø305x25xØ127 (Ø12x1xØ5)                                       |
|                  | Wheel Speed                             | rpm           | 2065  |
|                  | Max. Peripheral Speed                   | m/min(ft/min) | 1800(59)  |
| Wheelhead        | Swivelling Angle                        | deg           | 180   |
|                  | Max. Increment Speed                    | m/min(in/min) | 10(393)   |
|                  | Infeed Travel                           | mm(in)        | 250(10)   |
|                  | Min. Increment Infeed                   | mm(in)        | Ø0.001(Ø0.0001)   |
| Workhead         | Spindle Speed (Variable)                | rpm           | 30-350  |
|                  | Center Taper                            | MT            | No.4 (Opt. No.5)  |
|                  | Spindle Type                            |               | Fixed & Rotary  |
|                  | Diameter of Bore                        | mm(in)        | Ø23(Ø0.9)   |
| Tailstock        | Quill Travel                            | mm(in)        | 25(1)   |
|                  | Center Taper                            | MT            | No.3  |
| Table            | Rapid Feedrate                          | m/min(in/min) | 10(393)   |
|                  | Min. Increment Feed                     | mm(in)        | 0.001(0.0001)   |
|                  | Swivelling Angle C.C.W.                 | deg           | 9°   7°   |
|                  | Swivelling Angle C.W.                   | deg           | -9°   -7°   |
| Motor            | Wheel Spindle Motor                     | HP            | 5   |
|                  | Lubrication Pump                        | HP            | 1/4   |
|                  | Coolant Pump                            | HP            | 1/4   |
|                  | Servo Motor (Fanuc) for Workhead        | kw            | 1.2   |
|                  | Servo Motor (Fanuc) for Infeed (X Axis) | kw            | 1.2   |
| Machine          | Servo Motor (Fanuc) for Table (Z Axis)  | kw            | 1.2   |
|                  | Net Weight                              | kg(lb)        | 4600(10120)   6100(12980)                                     |
|                  | Gross Weight                            | kg(lb)        | 5000(11000)   6500(14300)                                     |
|                  | Packing Dimension (LxWxH)               | mm(in)        | 3670x2270x2100<br>(144x89x83)   4640x2270x2100<br>(183x89x83) |

\* Catalogue contents are for reference only and specifications are subject to change without any further notice.

TAIWAN : **SUPERTEC MACHINERY, INC.**

No.6, Keya 2nd. Rd., Daya Township,  
Taichung County 42881, Taiwan  
Tel : 886-4-2567-6767 Fax : 886-4-2568-2727  
<http://www.supertec.com.tw>  
E-mail : [sales@supertec.com.tw](mailto:sales@supertec.com.tw)

U.S.A. : **SUPERTEC MACHINERY, INC.**

6435 Alondra Blvd.,  
Paramount, CA, 90723  
Tel : (562)220-1675 Fax : (562)220-1677  
<http://www.supertecusa.com>  
E-mail : [info@supertecusa.com](mailto:info@supertecusa.com)