

**Central**

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**Delegation IBI**

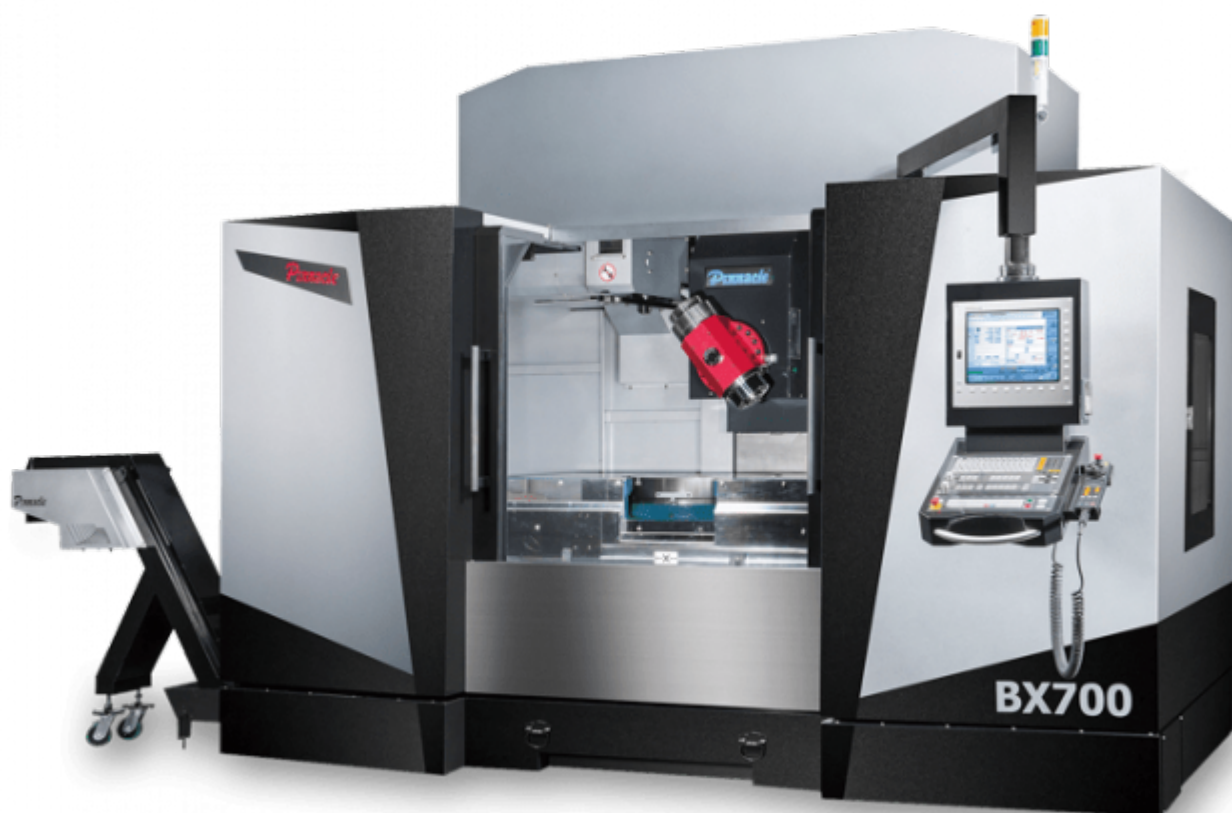
Avda. de la provincia, 73

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## Pinnacle BX700 5 Axes Machining Center

**Ref: PINNACLE BX-700**



## Tech specs

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Brand</b>                         | PINNACLE            |
| <b>X Axis stroke</b>                 | 1.400               |
| <b>Y Axis travel</b>                 | 710                 |
| <b>Z Axis stroke</b>                 | 680                 |
| <b>Spindle nose to table surface</b> | 110 - 790           |
| <b>T slot (WxDxN)</b>                | 18x125x5            |
| <b>Working table area (LxW)</b>      | 1.600x700           |
| <b>Table diameter (Ø)</b>            | 640                 |
| <b>Spindle Nose</b>                  | DIN40               |
| <b>Spindle inner diameter</b>        | 70                  |
| <b>Spindle center to column</b>      | 760                 |
| <b>Spindle Speed</b>                 | 15.000              |
| <b>Draw bar force</b>                | 900 ± 100           |
| <b>Main motor</b>                    | 15/ 19.4            |
| <b>Motor type</b>                    | E+A mW16/17-8       |
| <b>Motor torque</b>                  | 71.6/ 172           |
| <b>Driver type</b>                   | Worm gear           |
| <b>Reduction ratio</b>               | 1:120               |
| <b>Tilting range</b>                 | ±120°               |
| <b>Driver type (Table)</b>           | Transmisión Directa |
| <b>Type</b>                          | Integrado           |
| <b>Diameter of table hole</b>        | 50                  |
| <b>Rotation speed</b>                | 50                  |
| <b>Min. indexing increment</b>       | 0.001               |
| <b>Working torque</b>                | 765                 |
| <b>Clamp torque</b>                  | 1.765               |
| <b>Feed motor X/Y/Z</b>              | 36/ 36/ 24          |
| <b>X/Y/Z Axis cutting feedrate</b>   | 10000               |
| <b>Rated torque X/Y/Z</b>            | 18.1/ 18.1/ 18.1    |
| <b>B Axis rated torque</b>           | 11                  |
| <b>C Axis rated torque</b>           | 533                 |
| <b>Auto tool changer ATC type</b>    | PLATO               |
| <b>Auto tool changer Cam type</b>    | DUAL ARM            |
| <b>Tool selection (Bi-Direction)</b> | RANDOM              |
| <b>Tool storage capacity</b>         | 30                  |

|                                      |             |
|--------------------------------------|-------------|
| <b>Max. Tool Diameter</b>            | 75          |
| <b>Max. Tool Length</b>              | 250         |
| <b>Max. Tool Weight</b>              | 8           |
| <b>Positioning XYZ linear axis</b>   | 0.005       |
| <b>Positioning BC rotary</b>         | 14"/ 10"    |
| <b>Repeatability XYZ linear axis</b> | 0.003       |
| <b>Repeteability BC rotatory</b>     | 8"/ 6"      |
| <b>Air supply</b>                    | 6           |
| <b>Required voltage</b>              | 380         |
| <b>Power requirement</b>             | 40          |
| <b>Coolant tank capacity</b>         | 450         |
| <b>Machine weight</b>                | 12.000      |
| <b>Machine Height</b>                | 3.200       |
| <b>Floor space (LxW)</b>             | 3.890x3.180 |

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## Images

