

## Pinnacle BX700A 5 Axes Machining Center

Ref: PINNACLE BX-700A



## Tech specs

|                                      |                  |
|--------------------------------------|------------------|
| <b>Brand</b>                         | PINNACLE         |
| <b>X Axis stroke</b>                 | 1.400            |
| <b>Y Axis travel</b>                 | 710              |
| <b>Z Axis stroke</b>                 | 810              |
| <b>Spindle nose to table surface</b> | 180 - 990        |
| <b>T slot (WxDxN)</b>                | 18x125x5         |
| <b>Working table area (LxW)</b>      | 1.600x700        |
| <b>Table diameter (Ø)</b>            | 630              |
| <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>           | Worm gear        |
| <b>Type</b>                          | Separado         |
| <b>Diameter of table hole</b>        | 75               |
| <b>Rotation speed</b>                | 11.1             |
| <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>           | 11               |
| <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               |

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|                                      |             |
|--------------------------------------|-------------|
| <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"/ 14"    |
| <b>Repeatability XYZ linear axis</b> | 0.003       |
| <b>Repeteability BC rotatory</b>     | 8"/ 8"      |
| <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>                | 11.000      |
| <b>Machine Height</b>                | 3.200       |
| <b>Floor space (LxW)</b>             | 3.890x3.180 |

## Images

