

CNC Flatbed Series

Model FB2 Step / Servo

The flat bed units with stepper or servo axis drive are low priced systems for machining front panels, signs, plastic, etc.

The X/Y/Z units are built like modular systems multi-axis machining units with travel strokes up to 1250 x 1030 mm.

The Plug & Play controllers CSI 464 and CDS 405 are used depending upon the axis drive concept. The controllers in the Desktop housing can be mounted beside the unit as well as under the unit. Optionally, the flat bed units can be extended by suitable protection covers and/or machine under frames.



Available without cover



Specifications:

| <i>all units in mm</i> | FB2 Stepper | FB2 Servo |
|--------------------------|--|------------------------------|
| travel feed rate (X/Y/Z) | 80 mm/s | 100 mm/s |
| gantry clearance | 190 | 190 |
| drive system | 2-phase stepper motors | DC servo motors |
| controlling system | CSI 464 | CDS 405 |
| repeating accuracy | +/- 0.03 | +/- 0.02 |
| resolution | 0.0125 | 0.01 |
| linear guides | play-free precision steel shaft guides | |
| safety cover | optional | optional |
| drive system | coordinate table (X/Y) | travel stroke (X/Y/Z) |
| stepper / servo | 750 x 850 | 530 x 500 x 160 |
| stepper / servo | 750 x 1100 | 530 x 750 x 160 |
| stepper / servo | 1000 x 1350 | 780 x 850 x 160 |
| stepper / servo | 1250 x 1750 | 1030 x 1250 x 160 |