



SmartBench PrecisionPro X 120V Specification

| Movement | |
|------------------------|---------------------------------------|
| X axis travel: | 1265mm (49.8") |
| X max speed: | 6 meters per minute (236" per minute) |
| Y axis travel: | 2515mm (99.0") |
| Y max speed: | 6 meters per minute (236" per minute) |
| Z axis travel: | 130mm (5.12") |
| Z max speed: | 2 meters per minute (78" per minute) |
| Max sheet cut size: | 2500 x 1250mm (98.43" x 49.2") |
| Max depth of material: | 152mm (6.0") |
| X & Y Axis: | Rack and pinion |
| Z Axis: | Twin lead screw |

| Processing your model | |
|------------------------|---|
| Software: | Any CAM software with a GRBL post processor |
| File Types: | .nc or .gcode |
| Power requirements | |
| Voltage | 120v |
| Power: | 1900 watts |
| Finished part accuracy | |
| Accuracy: | +/-0.5mm (0.019") or better |

| Spindle | |
|---------------------|--------------------------------|
| Model: | SC2 |
| Speed: | 10,000 - 25,000 rpm |
| Speed Control: | Digital |
| Auto Tool Stop: | Yes |
| Advanced reporting: | Yes |
| Power: | 1000 watt |
| Collet: | ER16 - Max shank 10mm (0.394") |

| YetiPilot V1.0 | |
|------------------|----------------------------------|
| Cutter Dia | 3mm - 10mm |
| Materials | Wood based boards |
| Cut types | Profile & Pockets |
| Adjustment rate | 200 milliseconds |
| Adjustment range | 10% - 200% of original feed rate |
| Health check | Yes |



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| Physical dimensions | |
|---------------------|-----------------|
| Length: | 2740mm (107.9") |
| Width: | 1650mm (65.0") |
| Height: | 1350mm (53.2") |
| UDL: | 50kg (112.5lbs) |

| Shipping dimensions | |
|---------------------|----------------|
| Number of Boxes: | 4 |
| Total Weight: | 105kg (236lbs) |