

# SmartBench V1.3 PrecisionPro + 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 screws

## Processing your model

Software:	Any CAM software with a GRBL post processor
File Types:	.nc or .gcode

## Finished part

Accuracy:	+/-0.5mm (0.019") or better
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## Power requirements

Voltage:	230v or 120v
Power:	1400 watts or 1900 watts

## Physical dimensions

Length:	2740mm (107.9")
Width:	1650mm (65.0")
Height:	1350mm (53.2")
UDL:	100kg (225 lbs)

## Pallet shipping dims

Number of Units:	6
Total Weight:	650kg (1462 lbs)

## Single units shipping dims

Number of Boxes:	4
Total Weight:	105kg (236 lbs)

## 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

## Spindle

Model:	SC2
Speed:	4,000 - 25,000 rpm
Speed Control:	Digital
Auto Tool Stop:	Yes
Advanced reporting:	Yes
Power:	1000 watt
Collet:	ER16 - Max shank 10mm (0.394")

