

# Affordable High Speed Digital Cutting System



OPTIONAL

**Optical Auto Tool Calibration**  
Control the cutting depth accuracy with displacement sensor through automatic knife initialization.



OPTIONAL

**Precise Automatic Positioning System**  
With the high precision CCD camera the Apex accounts for multiple types of printer distortion that matches up for high accuracy cuts.



**Efficient Cutting Heads**  
The max cutting speed is 1.m/s (4 to 6 times faster than manual cutting) which will considerably increase the production efficiency.



OPTIONAL

**Continuous Cutting System**  
Automated conveyor system makes feeding, cutting and collection work together. Continuous cutting function can cut long pieces saving labor cost and increasing productivity.

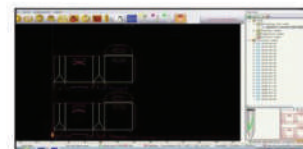


**Precision Aluminum Table**  
With multiple vacuum zone system for accurate material hold down.



**Safety Device**  
Safety device system shutdown ensures the security of the operator.

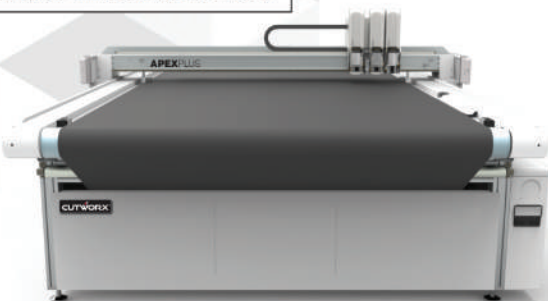
**Apex Plus Tables**  
Modular design for installations with entry space limitations (build on-site)



**Motion Control System**  
Cutter Server makes the cutting process smooth, effective and perfect.



**Gear Drive**  
Providing high speed durability.



Max Cutting Speed	1500mm/s 59 in/s
Cutting Accuracy	0.1mm
Max. Cutting Thickness	50 mm 1.96 ins
Data Format	DXF, HPGL, PDF
Interface	Serial Port
Media	Vacuum System
Pump Power	220v 3 Phase 60 -200 Amps balanced
Power	220V Single Phase 20 Amps 30 Amps with 1 kW Router

Table Size	Cutting Area	Machine Size	Vacuum Zones
Apex 2516	98 in x 63 in	130 in x 91 in	9
Apex 2521	98 in x 83 in	130 in x 115 in	12
Apex 2532	98 in x 126 in	130 in x 158 in	18
Apex 3516	138 in x 63 in	170 in x 91 in	12
Apex 3521	138 in x 83 in	170 in x 115 in	16
Apex 3532	138 in x 126 in	170 in x 158 in	24
Apex 5516	217 in x 63 in	249 in x 91 in	21
Apex 5521	217 in x 83 in	249 in x 115 in	24
Apex 5532	217 in x 126 in	249 in x 158 in	24