	VIPER **DOWNLOAD SPECS**	SIDEWINDER **DOWNLOAD SPECS**	PYTHON **DOWNLOAD SPECS**
5th Generation CNC Features			
ATC Air-Cooled Spindle	10HP	12HP	12HP
No Homing or Alignment Servo System	✓	✓	✓
Axis Motor Size (X&Y)	Servo 750W	Servo 750W	Servo 850W
Axis Motor Size (Z)	Servo 1300W	Servo 1300W	Servo 1300W
Driverless Mobile Touch Screen & Remote Controller	✓	✓	✓
Cutting Speed	1000 IPM	1200 IPM	1500 IPM
Travel Speed	2000 IPM	2200 IPM	2500 IPM
Auto Tool Measuring	✓	✓	✓
ATC Tool Changer Setup	on gantry bar	rotary carousel	rotary carousel
ATC Tool Changer Capacity	8 tools, upgradable to 12	8 tools, upgradable to 12	12 tools
Tool Change Time	8 seconds	8 seconds	8 seconds
5G Helical Rack & Pinion (X & Y axes)	✓	✓	✓
Network, WiFi, USB Connectivity	✓	✓	✓
Onboard Air-conditioning & Cooling	✓	✓	✓
Pressurized Automatic Oil Lubrication	✓	✓	✓
5G Servo System	✓	✓	✓
Compatiblilty with popular CAD/CAM software	✓	✓	✓
Servo Gear Reduction	✓	✓	✓
Intelligent Zoned High-flow Vacuum System	single layer	dual layer	dual layer
Material Position Pins & Guide Rails	✓	✓	✓
Robotic Material Alignment	X	upgradable	✓
Robotic Cleaning & Unloading	X	✓	✓
Robotic Material Sensing for Dust Extraction	X	upgradable	✓
Deluche Vision Marking Tool	sold separately	sold separately	sold separately
V300 Intelligent Vacuum Pump	sold separately	sold separately	sold separately
Robotic Label Printing & Application	X	X	upgradable
Built-in Software & Tool Holders			
KCD (if pre-qualified for KCD 6-month CNC Commander Trial)	✓	✓	✓
VCarve Pro	✓	✓	✓
ISO-30 Tool Holder	8 Tools	8 Tools	12 Tools
Production Upgrades			
Custom-sized tables	✓	✓	✓
Custom gantry height	✓	✓	✓
Single-phase power conversion	✓	✓	✓
Anytime Upgrades			
Spindle	to 12HP	X	X
9-Position Drill Block	✓	✓	✓
ATC tool	up to 12	up to 12	X
4- Port Marking block	✓	✓	✓
V300 Vacuum Pump	✓	✓	✓
Deluche vision marking tool	✓	✓	✓
Mister	✓	✓	✓
Robotic Material Alignment	X	✓	included
Robotic Loading Arm	X	✓	included
Hydraulic Automated Loading Table	X	✓	included
Unloading Conveyor with Material Sensing	X	✓	included
Robotic Label Printing & Application	X	X	✓
Training			
Lifetime Technical Support	✓	✓	✓
CNC University Certification	✓	✓	✓
On-Site Support	sold separately	sold separately	1 year
Warranty			
Advance Exchange Program on Major Components	5 years	5 years	5 years
Warranty	18 months	18 months	18 months