

Specification

	ATF2513	ATF3015	ATF4020
Processing Area	2500 mm x 1300 mm	3000 mm x 1500 mm	4000 mm x 2000 mm
Laser Power	500 W –1000 W	700 W –2000 W	1000 W –2000 W
Transmission Drive	Rack n Pinion (Dual Drive)	Rack n Pinion (Dual Drive)	Rack n Pinion (Dual Drive)
XY Positioning Accuracy	±0.03 mm/m	±0.03 mm/m	±0.03 mm/m
XY Positioning Speed	100 m/min	100 m/min	100 m/min
Repeatability	±0.03 mm/m	±0.03 mm/m	±0.03 mm/m
Z-Axis Travel	100 mm (Servo Motor & Ball Screw)	100 mm (Servo Motor & Ball Screw)	100 mm (Servo Motor & Ball Screw)
Control System	CypCut	CypCut	CypCut
Machine Dimension	3500 mm x 2100 mm x 1800 mm (Single)	4800 mm x 2600 mm x 2100 mm (Single)	9500 mm x 3500 mm x 2100 mm
Working Table	Saw Tooth	Saw Tooth	Saw Tooth
Machine Weight	3500 kg	4000 kg / 6000 kg	6000 kg / 8000 kg
Auxiliary Gas	O2/N2	O2/N2	O2/N2
Power Consumption	< 20 kW	< 20 kW	< 35 kW
Electrical Voltage	380 V/50 Hz	380 V/50 Hz	380 V/50 Hz
Accessories	Water Chiller, Exhaust Blower	Water Chiller, Exhaust Blower	Water Chiller, Exhaust Blower
Air Pressure Req	> 6 bar	> 6 bar	> 6 bar
Temperature	0-40° C	0-40° C	0-40° C
Humidity	5 - 95% RH (non condensing)	5 - 95% RH (non condensing)	5 - 95% RH (non condensing)

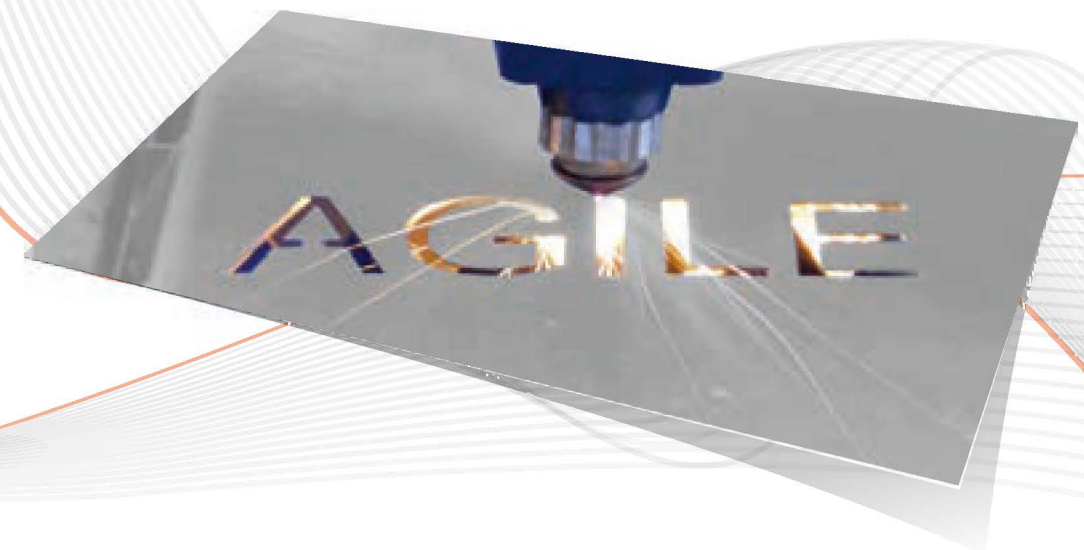
*Rotary Axis for Tube Cutting

*Auto Pallet Changer / Dual Pallet

*Enclosed as well as Open Table Option

Product specification may change without prior notice.

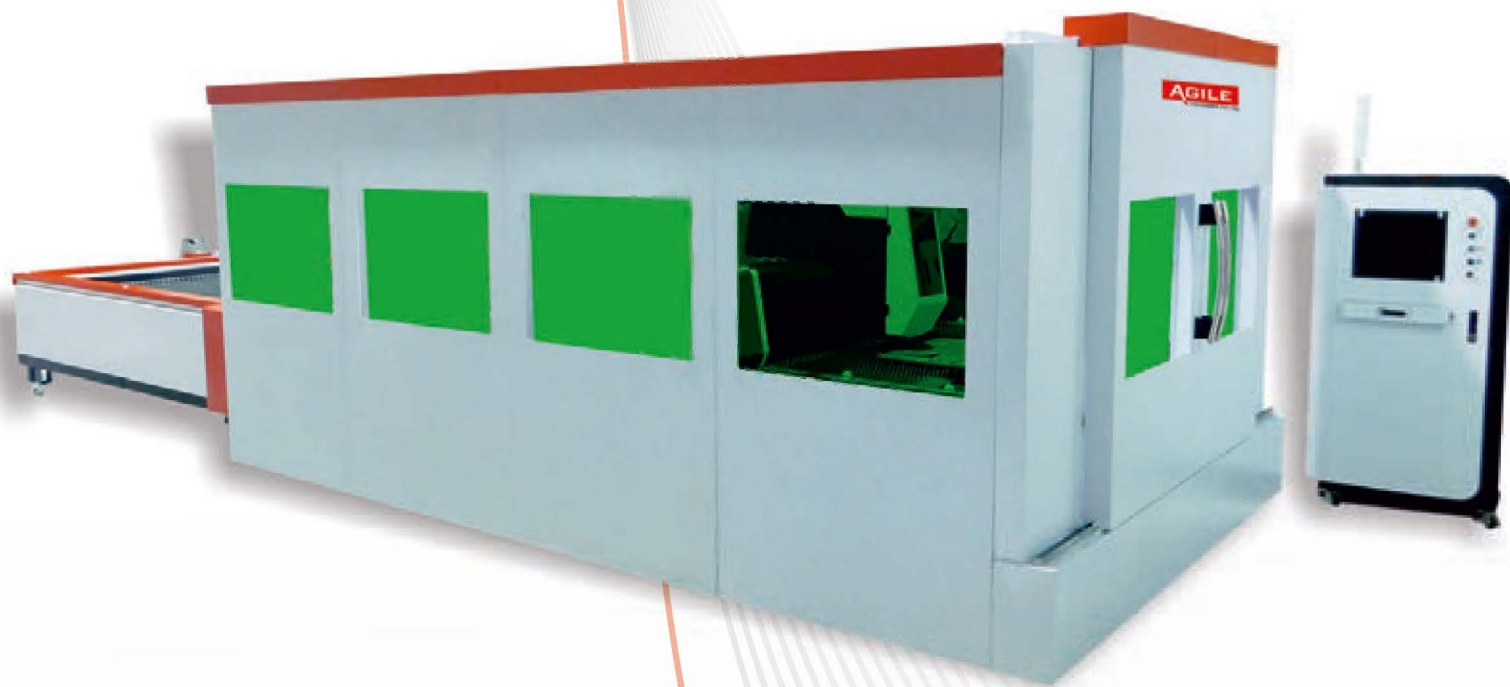
LASER CUTTING



Head Office :

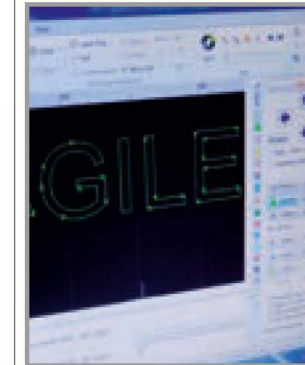
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Servo Motor & Drives ensure extreme precision positioning with excellent dynamic response and acceleration. Dual drives for Y axis. Closed loop control system.

DRIVE & MOTOR



Most User-friendly controller with advanced functions like 3-stage piercing, progressive piercing, fly cut, frog jump, lead line, compensation, micro-connection, etc.

CONTROLLER



Laser Head with Anti-crash Function, Height Sensing Unit & Auto Focussing Option.

LASER HEAD



High Precision CNC Working Table with Pneumatic Wheel Carriers, Strip Working Table, Aluminium Casted Gantry and Thick Steel Plate Welded Structure alongwith renowned precise Rack & Pinion.

HEAVY TABLE

