

ALPHABOT Blaze 6090 CO2 Laser



Specifications

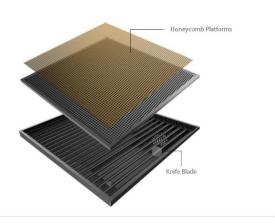
Model	Blaze 6090
Power Source	150W Laser tube - Class 1 CO2 laser tube
Main configuration	* Working area:600*900mm * auto focus * up and down table * Leadshine motor * 3M belt * Xuhong optical lens * standard water pump and air pump smoke machine * Standard guide rail * knife platform * USB control system * Ruida control card * CW3000 Water Chiller
Warranty	1 Years

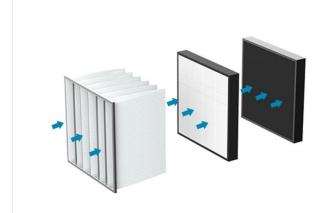
Whole machine size 1360* 1010* 1070mm

Packing size& weight 1.78*1.14*1.26m³ &350KG

Double Work Platform

Can install double work platform, both blade work table and honeycomb work table, can use to do both cutting and engraving.





High Efficiency Air Filters

Environmentally friendly and pollution-free laser can be directly used indoors.

Auto Focus

Without manually adjust focal length; Improve the efficiency and precision of laser cutting machine.



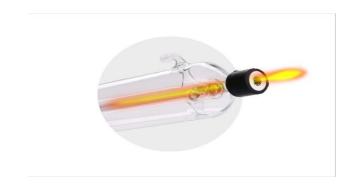


Electronic lifting

The machine can automatic adjust the working table to satisfy the demands of cutting different thicknesses materials. The lifting height can reach 20cm.

Laser Tube

Using Yongli laser tube, its photoelectric conversion efficiency is high, the laser output power density is high, the beam is concentrated, and the spot is uniform. The engraving/cutting speed is fast and the engraving line is deep and narrow with high resolution and clear characters. The work life of laser tube is long and the fault rate is low.



Linear Guide Rail

Adopted linear guide rail, high positioning accuracy, scroll guide, less wear to maintain accuracy for a longer time.

Laser cutting parameters table

n eraterial	thick	40W		60W		80W		100W		130W		150W	
		high speed	best speed	high speed	best speed	high speed	best speed	high speed	best speed	high speed	best speed	high speed	best speed
arcylic	3mm	15mm/s	10mm/s	20mm/s	15mm/s	25mm/s	20mm/s	30mm/s	25mm/s	35mm/s	30mm/s	40mm/s	35mm/s
	5mm	8mm/s	5mm/s	10mm/s	7mm/s	12mm/s	8mm/s	15mm/s	10mm/s	17mm/s	12mm/s	21mm/s	15mm/s
	8mm			3mum/s	1mm/s	9mm/s	5mm/s	10mm/s	6mm/s	12mm/s	8mm/s	15mm/s	10mm/s
	1cm			2mm/s	1mm/s	6mm/s	3mm/s	7mm/s	4mm/s	8mm/s	5mm/s	11mm/s	7mm/s
	15mm					3mm/s	1.5mm/s	4mm/s	2mm/s	5mm/s	3mm/s	7mm/s	4mm/s
	20mm							2mm/s	0.7mm/s	3mm/s	1mm/s	4mm/s	1.5mm/s
	25mm									1mm/s	0.4mm/s	1.8mm/s	0.8mm/s
	30nm								1		-		
	35mm								-				
Knife template	15mm								I		-	6mm/s	4.5mm/s
	18nm								1		-	4mm/s	2.5mm/s
сыфтасс	20mm											2.5mm/s	1.8mm/s
	3тт	9mm/s	7mm/s	15mm/s	12mm/s	20mm/s	15mm/s	23mm/s	18mm/s	25mm/s	20 mm/ s	30mm/s	25mm/s
MDF (high	5mm	5mm/s	3.5mm/s	10mm/s	8mm/s	13mm/s	10mm/s	15mm/s	13mm/s	18mm/s	15mm/s	21mm/s	18mm/s
density	10mm			3mm/s		5mm/s	3.5mm/s	7mm/s	5mm/s	9mm/s	6.5mm.s	12mm/s	9mm/s
board)	15mm							2.5mm/s		4mm/s	3mm/s	7mm/s	5.5mm/s
5 T LL U)	18mm											4mm/s	
leather	single (Onn)	15mm/s	12mm/s	40mm/s	35mm/s	45mm/s	40mm/s	50mm/s	45mm/s	60mm/s	55 mm /s	65mm/s	60mm/s
Wooden	Этт.	6mm/s	4mm/s	15mm/s	12mm/s	20mm/s	18mm/s	25mm/s	22mm/s	30mm/s	28mm/s	35mm/s	33mm/s
board	5mm	3mm/s		10mm/s	8mm/s	15mm/s	10mm/s	20mm/s	18mm/s	25mm/s	22mm/s	30mm/s	28mm/s
(except	10mm			4mm/s		8mm/s	6nun/s	8mm/s	10mm/s	11mm/s	15mm/s	17mm/s	14mm/s
rare hard wood)	12mm							4mm/s	3mm/s	11nm√s	8mm/s	15mm/s	13mm/s
cloth	single	40mm/s	38mm/s	60mm/s	58mm/s	100mm/s	98mm/s	200mm/s	150mm/s	300mm/s	150mm/s	350mm/s	150mm/s
PVC	2тт	35mm/s	32mm/s	50mm/s	45mm/s	60mm/s	58mm/s	70mm/s	68mm/s	80mm/s	78mm/s	90mm/s	88mm/s
	Этт.	30mm/s	27mm/s	40mm/s	38mm/s	50mm/s	48mm/s	60mm/s	58mm/s	70mm/s	68mm/s	80mm/s	78mm/s
	4mm	25mm/s	20mm/s	35mm/s	30 mm /s	45mm/s	40mm/s	55mm/s	50 mm /s	65mm/s	63mm/s	75mm/s	73mm/s
iron	2тт											8mm/s	6mm/s
plate	Зил												
Two-	2тт	15mm/s	13mm/s	25mm/s	20 mm /s	35mm/s	30mm/s	40mm/s	35mm/s	45mm/s	40mm/s	55mm/s	50mm/s
paper	single	80mm/s	40mm/s	200mm/s	40mm/s	300mm/s	150mm/s	350mm/s	150mm/s	350mm/s	150mm/s	400mm/s	150nm/s
rubber	4mm (1mm	10mm/s	5mm/s	15mm/s	8mm/s	20mm/s	23mm/s	30mm/s	27mm/s	35 mm /s	33 mm /s	40mm/s	38тип/s
Board	6mm (2mm			10mm/s	5mm/s	12mm/s	7mm/s	15mm/s	9mm/s	20mm/s	15mm/s	25mm/s	20mm/s
stainles s steel	1mm											35mm/s	30mm/s
	1.2mm											25mm/s	15mm/s
	1.5mm											15mm/s	8mm/s
	2mm												

















