

ZNC and CNC EDM Technic Specification

Spec/Model	Bica-350	Bica-450	Bica-540	Bica-750/850	Bica-1060
	ZNC	CNC/ZNC	CNC/ZNC	ZNC/CNC	CNC
Control of z axis	Manual	CNC/Manual	CNC/Manual	CNC/Manual	CNC
Size of work table	600*300mm	700*400mm	800*400mm	1050*600mm	1250*800mm
Travel of X axis	300mm	450mm	500mm	700/800mm	1000mm
Travel of Y axis	200mm	350mm	400mm	550/500mm	600mm
Machine head stroke	180mm	200mm	200mm	250/400mm	450mm
Max.Table to quill distance	420mm	450mm	580mm	850mm	1000mm
Max.weight of workpiece	800kg	1200kg	1500kg	2000kg	3500kg
Max.electrode load	100kg	120kg	150kg	200kg	300kg
Work Tank size(L*W*H)	880*520*330mm	1130*710*450mm	1300*720*475mm	1650*1100*630mm	2000*1300*700mm
Machine weight	1150kg	1550kg	1740kg	2950kg	5500kg
Packing size(L*Y*Z)	1300*250*1200mm	1470*1150*1980mm	1640*1460*2140mm	2000*1710*2360mm	
Filter box capacity	250L	400L	460L	980L	
Filter box net weight	Built in machine	150kg	180kg	300kg	
Max.output current	50A	50A	75A	75A	75A
Max.machining speed	400mm ³ /min	400mm ³ /min	800mm ³ /min	800mm ³ /min	800mm ³ /min
Electrode wear ratio	0.2%A	0.2%A	0.25%A	0.25%A	0.25%A
Best surface finishing	0.2RAum	0.2RAum	0.2RAum	0.2RAum	0.2RAum
Input power	380V	380V	380V	380V	380V
Output voltage	280V	280V	280V	280V	280V
Controller weight	350kg	350kg	350kg	350kg	350kg
Controller	TaiWan CTEK ZNC	TaiWan CTEK ZNC	TaiWan CTEK ZNC	TaiWan CTEK ZNC	TaiWan CTEK ZNC
Packing(L*W*H)	940*790*1945mm	940*790*1945mm	940*790*1945mm	940*790*1945mm	940*790*1945mm

Standard Accessories:Filter*2,Terminal Clamping*1,Injection Tube*4,Magnetic base*1, Allen key*1,Nuts*1,Tool box*1,Quartz lamp*1,Extinguisher*1,Fixtures*1, BiGa Linear scale*1,Automatic call device*1, English user manual*1



Tool box



Tool Details



BiGa linear scale



Filter



Servo motor



Extinguisher



hand wheel



lead screw

Bica ZNC 350



Bica ZNC 450



Bica ZNC 540



Bica CNC 850



Bica CNC 1060



Mirror spark EDM Technic Specification

Spec/Model	Bica-A30	Bica-A35	Bica-A40	Bica-A50
	CNC	CNC	CNC	CNC
Size of work table	600*400mm	600*400mm	700*400mm	800*500mm
Work Tank Size(L*W*H)	950*620*360mm	990*640*450mm	1150*660*435mm	1200*840*540mm
Adjustment range of oil level	48-198mm	110-292mm	110-300mm	176-380mm
Travel of X Axis	300mm	350mm	400mm	500mm
Travel of Y Axis	210mm	250mm	300mm	400mm
Machine head stroke	270mm	270mm	300mm	350mm
Min and max distance from Table to quill	295-565mm	330-660mm	330-660mm	368-718mm
Max.weight of workpiece	300kg	350kg	400kg	800kg
Max.Electrode Weight	25kg	50kg	50kg	100kg
Size of Max workpiece	900*585*270mm	900*600*280mm	1000*650*300mm	1050*800*350mm
Positional accuracy (Standard JIS)	5um/300m	5um/300m	5um/300m	5um/300m
Repeated positional accuracy(Standard JIS)	2um	2um	2um	2um
Machine Weight	2000kg	2200kg	2350kg	4000kg
Machine Size(L*Y*Z)	1300*1300*2241mm	1333*1586*2340mm	1400*1600*2340mm	1600*1800*2500mm
Packing Size(L*Y*Z)	1560*700*1037mm	1250*1450*1024mm	1250*1450*1024mm	1590*1882*1165mm
Filter Box Capacity	400L	600L	600L	1200L
Working fluid filter type	Switch-based paper core filter	Switch-based paper core filter	Switch-based paper core filter	Switch-based paper core filter
Max.machining Current	40A	40A	40A	80A
Totally power input	9KVA	9KVA	9KVA	18KVA
Best Surface Finishing	Ra0.1um	Ra0.1um	Ra0.1um	Ra0.1um
Min.electrode consume	0.1%	0.1%	0.1%	0.1%
Max.produce efficiency	500mm ³ /min	500mm ³ /min	500mm ³ /min	800mm ³ /min
Resolution of each axis	0.4um	0.4um	0.4um	0.4um



Bica CNC A30



Bica CNC A35



Bica CNC A50

Dongguan City BiGa Grating Machinery Co., Ltd., was established in 1996, we keep moving on, now the main business scope are : the research and production of Digital Readout system and EDM machine.

In 2000, we built a EDM factory in Dongguan, so far we have had 16 years manufacturing experience and 10 years export history. In terms of raw materials, we use high-quality spare parts that are from Germany, Japan, Taiwan and Switzerland. , the relevant supplier must be reliable, who have both capability and sense of responsibility. Our machining material: Copper, Iron, Steel, Graphite, Wolfram, Aluminum, Titanium, Calorite, Hard metal.

Welcome to contact us!!

Miss.Shelia

Email:sales3@dgbica.com Skype:sheliashan515

Tel/whatsapp/wechat:+86 13902604539

Website: dgbica.en.alibaba.com

