

CNC EDM Machine 数控火花机

产品名称	CNC EDM Machine 数控火花机
公司名称	北京迪蒙斯巴克科技有限公司
价格	.00/个
规格参数	品牌:DMSPK 型号:b 最大加工电流:40 (A)
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产品详情

品牌	DMSPK	型号	b
最大加工电流	40 (A)	表面粗糙度	0.1 (um)
最大加工速度	400 (mm/min)	产品类型	全新
是否库存	是	走丝速度	快走丝
工作形式	电火花		

high precision computerized numerical control electro spark erosion (cnc edm) forming machine tool

cnc die sinking edm (b series)

this series machining accuracy can reach micron, the best surface roughness ra0.1 μ m and electrode consumption 0.1%.

suitable for small precision mould and parts as mobile phone, connector, carbide, semiconductor, thread and so on.

general characterisitc

easy to operate

screen panel techniques

using the screen panel techniques in the field of edm, combining the chinese and english two different kinds of languages and expert system software, easy to operate.

auto programming

under the auto machining condition, the system can give the nc instruction codes and machining automatically.

program editing

programming with the international general codes and equips with usb to realize communication with the outside.

powerful functions

3-axis simultaneously moved

sufficient technological software to realize the combination of 11 different kinds of materials

super fine machining loop(japan"s patent)

realize the contour machining with the simple electrode

mirror finishing function, rotation changing function

loran function

the worktable in loran movement numerical controlled

realizing the multi-tracking loran movement

the loran movement can be handled in different quadrant

returning to the original point and condition after the power breakdown

helping function

fault information displaying

positioning accuracy 5 μ m within 100mm, repetitive positioning accuracy 2 μ m

granite worktable having better insulation and thermal stability can realize the mirror machining

safety and reliable

high rigidity and ample load-bearing

wide structure machine is equipped with japan ' s thk precision rolling slide way, nsk rolling guide screw

every machine has been inspected by laser interferometer

equipped with the liquid-height and liquid-temperature and automatic fire-extinguisher to ensure theworkingsafety to realize unmanned operation

technical tool specifications

items	unit	b30
worktable dimension (l × w)	mm	600x400
work tank inside dimension (l × w × h)	mm	950 × 620360
the range of liquid surface	mm	48~198
max. capacity of working liquid tank	l	152
travel x、 y、 z axis	mm	300 × 210 × 270

max. electrode weight	kg	25
max. workpiece dimension	mm	900 × 585 × 270
max. workpiece weight	kg	400
maxmin distance of worktable to electrode board	mm	295~565
positioning accuracy	μ m	5 μ m within 100mm
repetitive positioning accuracy	μ m	2 μ m
outside dimension of the machine (l × w × h)	mm	1300 × 1300 × 2241
machine part weight(not include power supply part weight)	kg	2000
saving tank specification		
outside dimension(l × w × h)	mm	1560 × 700 × 1037
saving tank capacity	l	400
filter cartridge		replaceable paper filter
cnc pulse power supply part		a1-40
standard machining current (option)	a	40
total input power	kva	9
input power supply	220v/380v(china) option	
best surface roughness	ra0.1 μ m	
min. electrode consumption	0.1%	
max. productivity	400mm ³ /min	
standard technics application		
	copper vs steel; minuteness copper vs steel; graphite vs steel; steel vs steel; copper vs aluminum; graphite vs titanium; copper tungsten vs steel; minuteness copper tungsten vs steel; copper tungsten vs horniness alloy; copper vs copper; graphite vs heat-resistant alloy	
interpolation model	linear; circle; spiral	
compensation model	error compensation; space compensation	
max. controlled axis number	3-axis simultaneously moved(standard)	
motor driven accuracy	1 μ m	
input format	touch screen、 serial interface/usb	
display model	15 " tft-lcd	
command model	absolute; incremental	
max. input command	± 9999.999mm	
discharging parameter memory	c000-999	
program sequence number	n000000000 to n999999999	
coordinate number	8	
motor	ac servo	
weight of the power part	800 kg	
user language	chinese/english	
outside dimension of the power part	1590 × 520 × 1899	
standard accessories		
	marble worktable; mirror machining (pika); automatic extinguisher; remoter; paper filter; standard fixture; tool box; operations manual;	
optional		
	edm working liquid; regulated power supply; r axis; japan tp; swiss erowa fixture series;	

the history of dmspk

1993 started to research precision computerized numerical control electro discharge machining (cnc edm) machine tool with 3-axis.

2001 passed the certification of iso9001(94) quality system.

2002 the projects of precision cnc edm forming machine tool won the honors of “ high-tech achievements into productive force project ” by beijing science and technology committee.

2003 the product lines of power supply control device a1 model and computerized numerical control system was set up in beijing; in the same year, upgraded the certification of iso9001(2000) quality system; the high speed and high efficiency machining system(principal axis raising speed more than six m/min) achieve commercialization.

2004 high performance new product b30 cnc edm enter into marketing; and b35 model was listed on best-seller machine tools by general administration of quality supervision in national machine tool quality supervision.

2005 won the honor of “ sme technology innovation fund “ project funded free of charge by the ministry of science and technology.

2006 in technical cooperation shanghai sodicks, successfully put the electrode processing machine into the market.

2007 many domestic a-shares listed companies entered into partnership with beijing diamond and spark industrial control co., ltd so that the name of the company was changed into beijing diamond & spark science and technology co., ltd.

in the same year, richspk shenzhen branch factory started

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