

SAMPLE OF DRILLING:



GENERAL FEATURES:

1. Machines are designed in compliance with EC MACHINERY DIRECTIVE 89/392/EEC and EN 292 CODES for technical and safety aspects.
2. Being for COMPACT DESIGN and thus saving space, equipped with 2(or 3) axes DIGITAL READOUT system for easy positioning (optional instrument).
3. The LSD-25, 30, 35, 65 provide Z-2 axis travel for large mould operating.
4. Whole digitize operate panel. And 10 sets of random access of parameters in memory.
5. It is able to drill the deep holes on the materials such as stainless steel, hard metal alloy, copper, aluminum, etc. With diameter from 0.30mm (0.0118") to 3.0mm (0.118").
6. Use clean water for dielectric fluid, and with resing filtering system. Which is unharmlful to human body.

STANDARD ACCESSORIES:

1. 1 Pc electrode drill chuck Ø0.3- Ø3.0 mm.
2. 1 Pc electrode guide Ø1.0mm.
3. 10 Pcs electrode pipe Ø1.0mm.
4. 1 set tool box & kits.
5. 1 unit filter bucker.

OPTIONAL ACCESSORIES:

1. Digital Read Out & scales.
2. Electrode guide Ø0.2- Ø3.0mm (0.1 mm per step).
3. Electrode pipe Ø0.2- Ø3.0mm (0.1 mm per step).
4. Precision electrode 3-JAW chuck.
5. Air compressor.

DNC-35, 50, CNC FUNCTION:

1. Automatic edge & center point finding and start point return.
2. DXF edit (CAM, Graphic transfer file).
3. Chinese / English display.
4. Mirror image in X, Y axes and copy function.

5. Cutting path dry run & display.
6. Machining interrupt and return.
7. Automatic electrode wear rate compensation.
8. Diagnostic function (alarm & warning display).

DNC STANDARD ACCESSORIES (Without 16-ATC Electrode Tube Changer) :

1. Electrode ER16 Collet Ø0.6-1.0mm 1 pc.
2. Electrode Guide Ø1.0mm 1 pc.
3. Electrode Tube Ø1.0mm 10 pcs.
4. Tools Box & Kits.
5. Work Lamp.
6. Filtering unit.
7. XYZ Axes in AC Servo Motors & W-Axis by AC servo motor.
8. 12" TFT Touch Screen.

DNC OPTIONAL ACCESSORIES (With 16-ATC Electrode Tube Changer.) :

1. Electrode Guide Ø0.3 to Ø3.0mm. Per 0.1mm One size one piece.
2. Electrode Copper Tube Ø0.3mm, 300mmL.
3. Electrode Brass Tube Ø0.4 to 3.0mm, 400mmL. Per 0.1mm one size.
4. Metal Net Water Filter.
5. Electrode Collect ER-16 & Nut (Ø0.4-0.6, 0.7-1.0mm) 2 Sizes/2 sets.
6. Electrode Collect ER-16 & Nut (Ø1.1-2.0, 2.1-3.0mm) 2 Sizes/2 sets.
7. Ion Exchanging Dielectric Stainless Steel Tank, Capacity 320 Liters.



◆ DNC-35, 50 CNC CONTROLLER PANEL.



◆ ISO-9001 CERTIFICATION



◆ CE MARK CERTIFICATION



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LSD-EV10-1307-1500



ISO-9001

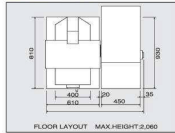
ARISTECH®
LSD ZNC & CNC DRILL E.D.M.



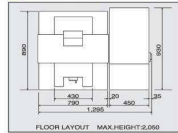
DNC-35



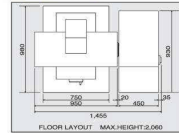
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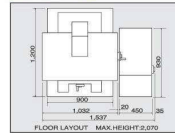
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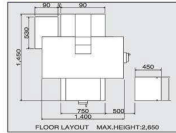
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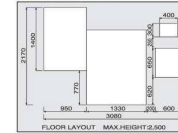
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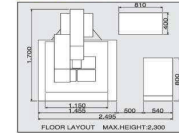
LSD-65



DNC-35



DNC-50



MACHINE UNIT:

SPECIFICATIONS	SERIES NO.	LSD-20	LSD-25	LSD-30	LSD-35	LSD-65
Work table (WxD)	mm/inch	450x210 (17.7x8.3)	450x210 (17.7x8.3)	600x300 (23.6x11.8)	600x300 (23.6x11.8)	700x450 (27.6x17.7)
Work tank (WxD)	mm/inch	790x490 (31.1x19.3)	790x490 (31.1x19.3)	860x560 (33.8x22)	1030x650 (40.6x25.6)	1410x740 (55.5x29.1)
X axis travel	mm/inch	300 (11.8)		350 (13.8)	400 (15.7)	650 (25.6)
Y axis travel	mm/inch	200 (7.9)		250 (9.8)	300 (11.8)	450 (17.7)
Ram servo travel Z1 Axis	mm/inch			330 (13.0)		
Workhead travel Z2 Axis	mm/inch	0 (0)	200 (7.9)		200 (7.9)	350 (13.8)
Handwheel travel W-Axis	mm/inch			150 (5.9)		
Max. workpiece weight	kgs/lbs	100 (220)		300 (660)		500 (1100)
Electrode pipe diameter	mm/inch			Ø0.2-Ø3.0(0.0078-0.118)		
The max. height of workpiece	mm/inch	50-200 (2-7.9)	50-400 (2-15.8)	50-400 (2-15.8)	50-400 (2-15.8)	220-720 (8.7-28.4)
Outside dimension	mm/inch	1040x1060x2000 (40.9x41.7x78.4)	850x900x1980 (33.5x35.5x78)	1040x1140x2100 (40.9x44.9x82.7)	1200x1200x2050 (47.2x47.2x82.7)	1490x1365x2110 (58.7x53.8x83.1)
Packing dimension	mm/inch	1230x1170x2220 (48.4x46.1x87.4)	1110x1305x2230 (43.7x51.4x87.8)	1185x1245x2240 (46.7x49.8x88.2)	1560x1340x2252 (61.4x52.8x88.7)	1652x1610x2240 (65x63.4x88.2)
Net weight	kgs/lbs	750 (1650)	750 (1650)	900 (1980)	900 (1980)	1500 (3300)

POWER SUPPLY UNIT:

SPECIFICATIONS	SERIES NO.	30A
Nominal current	A	30
Total power input	KVA	3.5
Circuit system		Power MOS FET
Control axis		Z AXIS
Control system		10 steps cutting data
Display type		LED Displayed
Coordinate system (Positioning commands)		-
Jog speed		Manual
Least input increment (X,Y axes)	mm/inch	0.005(0.0002)*when with linear scales
Outside dimension	mm/inch	1100x540x850(43.3x21.3x33.5)
Packing dimension	mm/inch	1100x540x850(43.3x21.3x33.5)
Net weight	kgs/lbs	170(374)

*Optional current 50A is available.
*Specifications are subject to change without notice.

MACHINE UNIT:

SPECIFICATIONS	SERIES NO.	DNC-35	DNC-50
Work table (LxW)	mm/inch	600x350 (23.6x13.8)	700x450 (27.6x17.7)
Work tank (LxWxH)	mm/inch	1000x650x100 (39.4x25.6x3.9)	1160x935x100 (45.7x36.8x3.9)
X axis travel	mm/inch	400 (15.7)	650 (25.6)
Y axis travel	mm/inch	300 (11.8)	450 (17.7)
Ram servo travel Z	mm/inch	250 (9.8)	
Work head Sparking travel W	mm/inch	380 (14.9)	
Max. work piece weight	kgs/lbs	250 (550)	300 (660)
Electrode pipe diameter	mm/inch	Ø0.3-Ø3.0 (0.0118-0.118)	
Mini/Max. height of workpiece	mm/inch	50-300 (1.9-11.8)	
Outside dimension (LxWxH)	mm/inch	1100x1300x2300 (43.3x51.2x90.6)	1500x1700x2300 (59x67x90.6)
Packing dimensions(LxWxH)	mm/inch	1870x1450x2230 (73.7x57.1x87.8)	1590x1790x2230 (62.6x70.5x87.8)
Net weight	kgs/lbs	1200 (2640)	1900 (4180)

POWER SUPPLY UNIT:

SPECIFICATIONS	SERIES NO.	DNC-30A
Nominal current	A	30
Total power input	KVA	3.5
Circuit system		Power MOS transistor
Control axis		X, Y, Z(fast positioning)
Control system		32 bit CPU, CF Card, close loop, linear scales & encoder feed back system
Display type		12" TFT touch screen
Coordinate system (Positioning commands)		Absolute/Incremental
Least input increment(X,Y axes)	mm/inch	0.001 (0.00004)*
Outside dimension	mm/inch	540x800x1700 (21.3x31.5x67)
Packing dimension	mm/inch	790x990x1970 (31.1x39.0x77.6)
Net weight	kgs/lbs	200 (440)

*Optional current 50A is available.
*Specifications are subject to change without notice.