

LT-45

METALLOID WIRE CUT MACHINE - Abrasive Wire -

CUTTING MATERIAL :

Semiconductor materials,
Single crystal, Silicon crystal,
Silicon carbide (SIC), Quartz,
Optical glass,
Graphite, Jade, Ceramics



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SPECIFICATIONS

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Work-tank size (WxD)	mm	1100x670
Work table size (XxY)	mm	800x550
Work table travel (XxY)	mm	500x400
Max. cutting thickness	mm	300
Machining method		Flushing
Max. work-piece size (WxDxH)	mm	500x400x300
Max. work-piece weight	kgs	400
Dia. of abrasive wire	mm	Ø0.33 ~ Ø0.42
External dimensions (WxDxH)	mm	1950x1470x2000
Packing dimensions (WxDxH)	mm	2000x1710x2245
Net weight	kgs	1850

DIELECTRIC FLUID UNIT

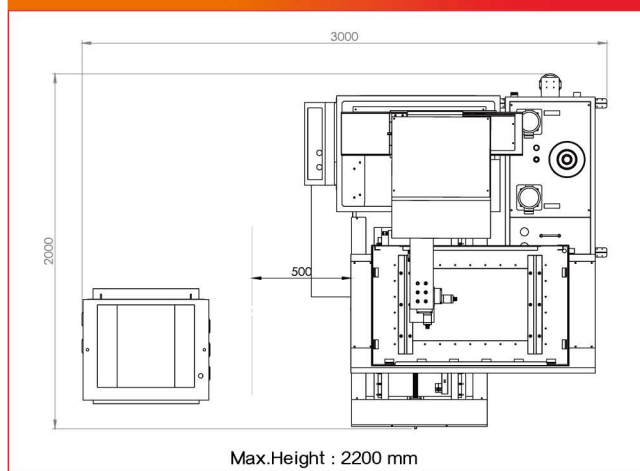
Capacity of dielectric fluid	L	120
Dielectric fluid tank size (WxDxH)	mm	900x500x280

POWER SUPPLY UNIT

Cutting accuracy	mm	0.05
Best finish roughness	µmRa	1.0 (Optical glass material)
Max. power consumption	KVA	3.0
External dimensions (WxDxH)	mm	900x610x1700
Packing dimensions (WxDxH)	mm	900x780x2000
Net weight	kgs	200

※ Specifications subject to change without notice.

LT-45 FLOOR LAYOUT



CNC FUNCTION

Program editing
(a) On-line edit (simple CAD)
(b) N.C. code edit (G.M code)
(c) 3B code edit
(d) DXF edit
Forward or reverse orbital function
Automatic or block stop machining
Mirror image function
Coordinate rotation function
Dry run function
Battery backup for memory
(MDI) manual data input
Start point or hold point return
Wire diameter compensation
Cutting path compensation
Cutting path display

STANDARD ACCESSORIES

1. USB, LAN Port	1 SET
2. Work lamp	1 PC
3. Clampers & kits	1 SET
4. Positioning jig	1 SET
5. Tools & toolbox	1 SET
6. Abrasive wires Ø0.33 mm	1 ROLL
7. Dielectric liquid	20 LITERS
8. Operation manual	1 SET

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LIEN SHENG MECHANICAL & ELECTRICAL CO.,LTD.

NO.225, JEN HWA RD., TA-LI DIST,
TAICHUNG CITY, 41278, TAIWAN
TEL : +886-4-2491 9588
FAX : +886-4-2491 5275
URL : www.aristech.com.tw
E-mail : sales@aristech.com.tw