



CE
ISO-9001

ARISTECH®

LS-100 BROKEN TAP REMOVER



◆ **APPLICATION.**

1. Suitable for removal of Various Hardened material such as Broken screws, Taps, Drill bits, Gauges..etc. Including Other Cutting tools and Tools.
2. Can work on Different sizes, Diameters and Shapes of Workpiece.
3. A Versatile High Efficiency, Low cost Operation.

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◆ **FEATURES & FUNCTION.**

1. Utilising Spark Erosion method to remove Broken parts of Cutting tools Or Screws, No damage to Workpiece, Due to cutting force generated.
2. It is of Portable design and Its Magnetic base. Allows to be easily clamped on Top of Workpiece for Machining.
3. It's a Self-Contained unit, Complete with Dielectric Pump and Central cooling for Electrode Holder.
4. The workhead is Mounted on a +/- 60 Degree angle Slide plate.
5. With simple Easy-to-understand Operating panel on Controller.
6. With Automatic cutting depth control. Maximum Z-axis depth setting : 100mm. And Z-axis up / down Max. Travel : 300mm.

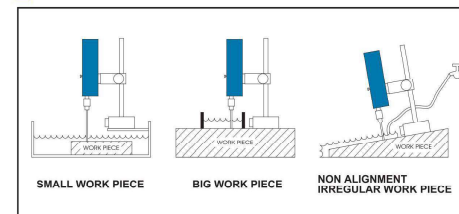
◆ **SPECIFICATION**

MODEL		LS-100
Electrode diameter Range	mm	φ1.5 - φ6.0
Machine Unit Net weight	kgs	6
Machine dimensions (W x D x H)	mm	240x60x410
Generator Unit Net weight	kgs	30
Generator dimension (W x D x H)	mm	310x260x200
Generator Power Input		220Volt. 1-Phase, 50/60Hz.
Maximum Current Output	Amp.	10A.
Total AC Power Input	KVA	1.2 KVA
Dielectric Fluid		Clean Water
Electrode Material		Brass Bar & Sheet
Packing Dimension (Carton packing)	mm	520L x 440W x 270H
Total Weight (Carton Packing)	kgs	40
Wooden Crate Packing Dimension	mm	590L x 515W x 400H
Wooden Crate Packing Weight	kgs	50

◆ **Typical Work Times**

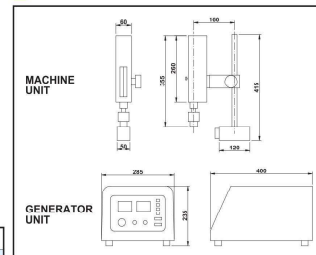
TAP DIA.	DEPTH	ELECTRODE DIA.	TIME
M6	10mm	φ3	7 min
M8	10mm	φ4	9 min
M10	10mm	φ5	13 min
M12	10mm	φ6	16 min

◆ **CUTTING METHOD**

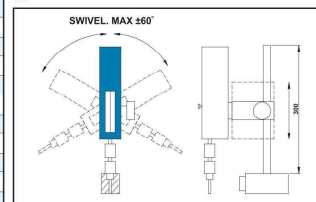


*Specifications subject to change without notice.

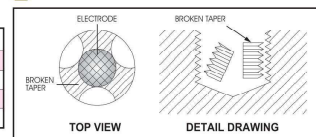
◆ **OVERALL DIMENSION**



◆ **SWIVEL WORK HEAD**



◆ **CUTTING METHOD**



◆ **STANDARD ACCESS.**

1. MACHINE UNIT With Magnetic Base.
2. GENERATOR UNIT.
3. SMALL PUMP UNIT FOR Dielectric Fluid.
4. ELECTRODE CHUCK.
5. BRASS ELECTRODE. (SIZE AS BELOW)
 - Brass Electrode tube Dia.1.5mm x2 pieces.
 - Brass Electrode Bar Dia.3.0mm x2 pieces.
 - Brass Electrode Bar Dia.4.0mm x 1 piece.
 - Brass Electrode Bar Dia.5.0mm x 1 piece.
 - Brass Electrode Bar Dia.6.0mm x 1 piece.
 - Brass Sheet & Fixed holder x 1 set.
 - φ 6.0mm DIA. X 1 Piece.

BRASS SHEET & FIXED HOLDER, X 1 Set.

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LS100-EV1-0904-4000