

## Portable EDM (Broken Tap Remover)

Portable EDM (broken tap remover) is the ultimate solution to remove broken tools and rescue your work pieces.

This machine can fast and easily remove broken taps, reamers, drills, screws by spark erosion. No external force and damage to the parent thread of work piece. It could mark and process small holes on any conductive metals that can't be drilled by conventional ways.

Before delivery, the machines would go through series of strict tests one by one. The two model of Portable EDM Broken Tap Remover have passed CE and ISO 9001-2000 certification, and there is a professional quality inspection team to assure the quality.

### Advantages of portable EDM machine

- 1.Small size, light weight, convenient for operating;
- 2.Electric discharging, rescue parent thread of work piece;
- 3.Magnetic base, easily attract on any size and any angle of work piece;
- 4.Cooling fan installed to keep the machine keep working;
- 5.360 degree rotation work head is helpful for complex machining;
- 6.Alarm and go back automatically when reaching preset depth;
- 7.Dielectric liquid is tap water;
8. The high power model with 3000W is good at removing tools of big size. The processing range could be M2 to M48.

## EDM-8C

**FOB Price: 1299 USD /set**



### Specification:

Items	EDM-8C
Input Voltage (V):	AC220/110V 50Hz
Input Power (W):	800W
Can remove broken taps size	M2-M30
Working liquid:	Tap water
Electrode Diameter (mm):	1-10mm
Max Travel of working head (mm):	70mm
Max Processing Speed(mm/ min):	1mm/min
Machine Size (L*W*H mm):	380*160*300
Package Size (L*W*H mm):	498*308*392
Net Weight (kg):	16kg
Gross Weight(kg):	18kg

## High Power SFX-4000B

**FOB Price: 2200 USD /set**



### Specification:

Items	SFX-4000B
Input Voltage (V)	AC220V/110V 50Hz
Input Power(w):	<b>3000W</b>
Can remove broken taps size	M2-M48
Max Travel of working head (mm):	70mm
Electrode Diameter(mm):	<b>2-13mm</b>
Max Processing Speed(mm/min):	<b>2mm/min</b>
Working Liquid:	Tap water
Power Box Size(mm):	420*220*370
Packing Size(mm):	528*325*460
Net Weight(kg):	22kg
Gross Weight(kg):	26kg

Model	EDM-8C	SFX-4000B
Input Voltage	110V/220V, etc 1 Phase, 50HZ	
Input Power	800W	3000W
Workhead Swivel	±180°	
Dielectric	Tap water	
Electrode	Brass Bar, Slice Electrode, square and hexagonal electrode	
Electrode Holder	1-10MM	2-13MM
Max Processing Depth	70mm	
Workhead Size	300*50*50mm	300*50*50mm
Machine Size(mm)	498*308*392mm	528*325*460mm
Net weight(KG)	16kg	22kg
Tool Storage way	Tool bag	Integrated storage
Work range	Small, big and vertical workpieces	
Processing speed	Processing Material: Hardened steel	
	Electrode Φ4, 1mm/min	Electrode Φ5, 2mm/min
		Electrode Φ12, 1mm/min
Standard Accessories	external pump, fuse	
	Machine unit	
	Brass electrode	
	Chuck handle	
Retail FOB Price	USD1299/set	USD2200/set

## Warranty:

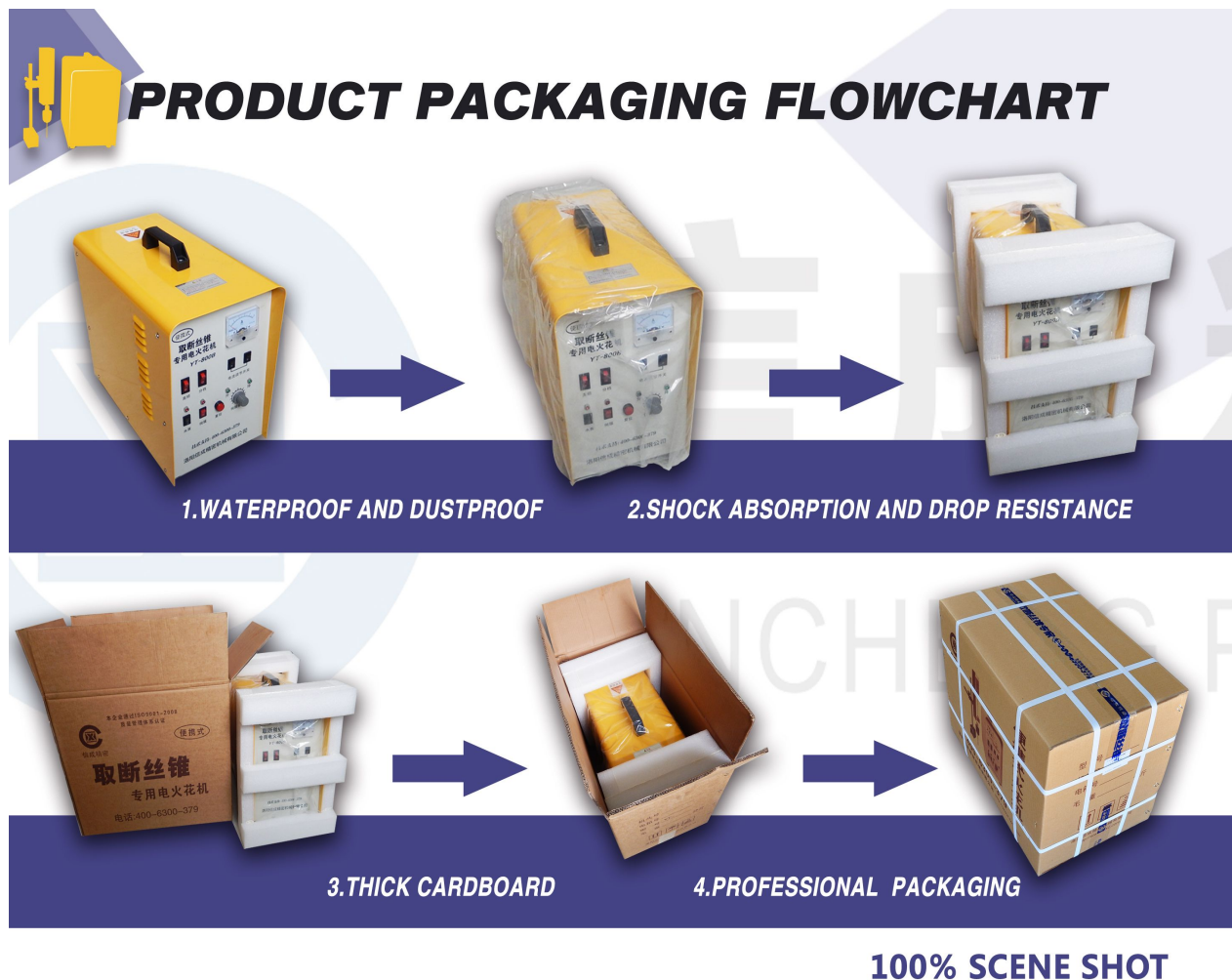
The warranty period is usually around one year and during the period if there are any technical problems, we would repair them for free including the new parts that needed for repair.

PS: We would offer free repair only when the damages are caused by technical deficiencies of the product itself, not man made errors or mishandling.

**Delivery:** Within 72 hours after 100% advanced T/T deposit checked

**Shipment:** International express with DHL,FEDEX,TNT etc, door-to-door service.

**Package:** Double-deck carton packaging per set.



## **Youtube Demo Video Links:**

**Distinguish between EDM-8C and SFX-4000B:**

<https://www.youtube.com/watch?v=BxHZSofGew4>

**Installation of SFX4000B:**

<https://www.youtube.com/watch?v=fNizqMF3S-w>

**Operation of SFX4000B**

<https://www.youtube.com/watch?v=aTLGLWVI9wY>

## Field Cases



Successfully remove a broken tap of M30\*570, which is 80mm under the hole, in the Wind power generation



processing on camber surface



Processing at the side of large work-piece

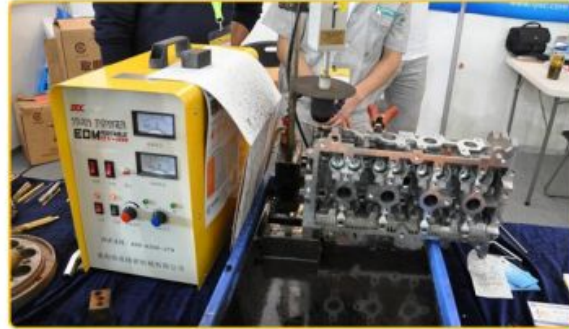


processing on large bearing



processing on small work-piece

100% live action



Automobile Engine Block processing scene

**the broken taps that removed out**

**processing scene for SFX-4000**

**the power is stronger**



## **Nondestructive processing**

**no force to the work-piece  
remove the broken taps without damage**

XinCheng remove broken taps EDM, adopt the electric erosion principle to remove the broken tool. Non-contact processing, so no force to the work-piece and won't damage the work-piece



**the fragments of the broken tap that have been removed**

# Filed Processing Instance

## Remove Broken Taps From Horizontal Plane

Service Enterprises: Luoyang Ruilian Machine Tools Plant



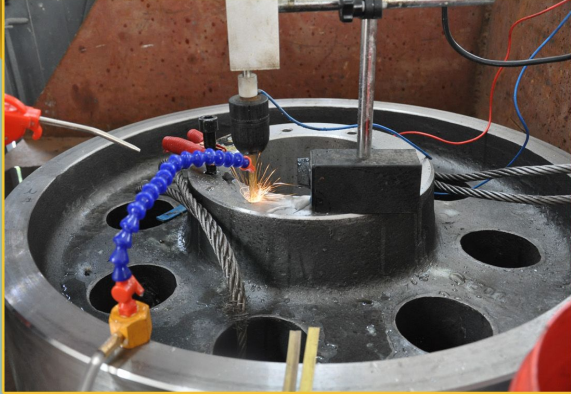
## Super Size Bolt M38

Service Enterprises: Tangshan Jingjie Industry



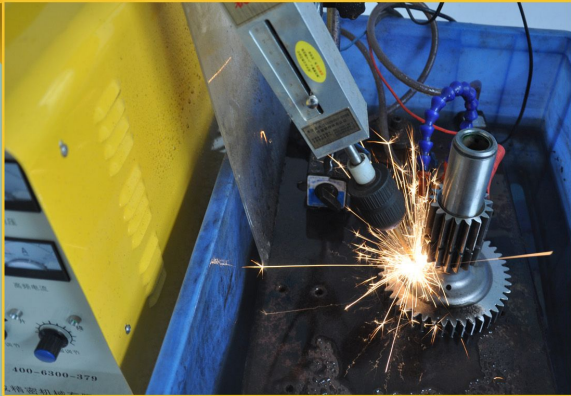
## Remove Broken taps With Sheet Electrode

Service Enterprise: Luoyang Crane Factory



## Drill Oilhole

Service Enterprise: Luoyang Tractor Factory



## Drill Small Hole On Connector

Service Enterprise: Luoyang Northern Enterprise Group

