

Can a lithium ion battery punch?

Currently unable to perform punching more easily and conveniently. Punches are used when prototyping coin-type lithium ion batteries, but there are problems during punching such as peeling of the electrode material (active material), appearance of burrs on the substrate, and inability to punch with satisfactory quality.

What is the maximum thickness of a punching tool?

The HANDHELD PUNCH is a punching tool for thin materials, and maximum thickness is set to 0.2mm for resin films, and 0.1mm for metal foils. We may be able to make a proposal, depending on the material, so please inquire first using the following form. How long does it take to receive the tool after it has been ordered?

Why do we use a punching machine?

In this way, it enables punching--while minimizing burrs and deformation--of the previously difficult to punch materials such as thin foil materials, electrode sheets (cathode, anode, aluminum foil, copper foil), and separators.

What is Tob-cpj-01 coin cell disc punching machine?

TOB-CPJ-01 Coin Cell Disc Punching Machine is a newly designed button battery electrode cutting machine with lighter weight. The Coin Cell Punching Machine is used for coin cell electrode punching with customized cutting die.

Why do you need a hand held punch?

The HANDHELD PUNCH is also ideal for doing punching work inside a glovebox. What makes the sharpness of the HANDHELD PUNCH possible is the ultra-precise grinding and precision assembly technologies which have been the core technologies of Nogamigiken since our founding.

Why should you choose a hand drilled punch?

Measurement of the applied amount of material can be done precisely and quickly. With outstanding sharpness achieved through ultra-precise finishing, the HANDHELD PUNCH enables clean punching without burrs or deformation. No minute fragments or other debris are produced, so there is no contamination (admixture of foreign matter).

Provide coin cell disc punching cutting machine for lithium battery research and manufacturing. Can be used for electrode, copper foil, aluminum foil and battery separator punching to disc ...

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Gelon New Battery Materials Co., Ltd. Focus on R& D, manufacturing and sales of new materials (anode, cathode, separator, additive etc. ) for lithium ion battery, and we also offer full sets of materials solution to customers.

Tmax is a professional Disc Cutter Punching Machine for Coin Cell Electrode and Separator Cutting, Coin Cell Disc Cutter supplier from China, we have gained more than 20 years mature experiences in Lithium Ion Battery Manufacturing industry. More info at [batterymaking](#) .

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The semi-automatic die-cutting machine is an equipment used for die-cutting the positive and negative plates of lithium-ion laminated batteries. This equipment uses a pneumatic method to punch single-piece pole pieces, which can be ...

This equipment is suitable for punching positive and negative electrodes of pouch cell battery. It is used in the front process of stacking machine. The speed is fast, the burr is less and the ...

Semi-automatic electrode punching machine is used for stacking cathode & anode electrode of li ion battery can die sheet electrode by pneumatic, and can be put in the glove box, also offer customized any cutting die to make molding and die cutting with different size of electrodes .

AOT-MSK-180AM automatic die-cutting machine is a device for die-cutting cathodes and anodes electrodes of lithium-ion laminated batteries. This equipment can realize the continuous punching of single or multiple pieces of ...

of Lithium Ion Battery Cells . The . BN Series. is suitable for a variety . of different notching processes. From . Constant Pitch to Progressive Pitch . up to Double Progressive Pitch, using mechanical cut . or . laser cutting - all notching processes and process variants . can be implemented using the . BN Series. Therefore, the . BN Series. is the best choice . for the ...

This Semi-automatic electrode die cutter machine is mainly used for pouch cell electrode sheet cut for stacking pouch cell battery. It is a necessary tool in the production line of pouch cell to produce specific shapes of cathodes and ...

Portable Coin Cell Electrode Punching Tool 2024-12-17; What is lithium battery roller press machine 2024-12-11; Carbon coated aluminum foil for decryption 2024-12-03; Comprehensive guide to lithium battery diaphragms 2024-11-26; Comprehensive Guide to lithium battery glove box 2024-11-19

Type: Li-ion Battery Cathode Material: Coin Cell Machine Rechargeable: Yes Size: Small Thick Sheet

Materials: 0.01~0.5mm Work Surface: L140mm X W80mm

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PC-EP-110 is a semi automatic compact electrode punching machine for pouch cells. Using this equipment one can cut cathode and anode of particular size for pouch cells of lithium ion batteries. Specifications

The TOB-CP60 Coin cell disc cutter machine is used for coin cell electrode punching with customized cutting die. This video shows how to change the battery el...

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