





# COMPANY PROFILE

Guangdong Shunde Huayan Electronic Technology Co., Ltd.( brand SURSPIDER) is located in Shunde, Guangdong, where most famous for home appliances. SURSPIDER focus on Rebar Tier R&D since 2012. Mr. Luo is our co-founder and R&D director, who is Midea Group institute director before, Mr Yi is senior electrical designer of Siemens, they lead 12 senior engineers who with more than 10 years R&D experience in electric tools, consist the most professional, innovative and powerful team for rebar tier.

SURSPIDER intelligent rebar tier with the most advanced technology for wire sending, wire circling, wire wrenching, wire cutting and wire free unhooking, which won 21 patents as so far. it passed 1 million times life test, total 9 advantages approved by third party SGS, also with CE certificate.

SURSPIDER always exert effort to make all rebar tying easier, stronger and faster, we believe SURSPIDER rebar tier will popular all over the world by public praise in future.

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model is HY-CH-14.4V2.9A-1.

发明专利证书



 Heavy works Low efficiency Knots tightness are nonstandard Pressed schedule 6. Wrist joints hurt easily Wire waste

# make all rebar tying easier stronger and faster



Surspider rebar tier can be widely used in buildings, bridges, roads, railways, heat floor, swimming pool and even other special projects. The rebar tier take place of manual rebar tying, it improves the work efficiency and save 3 times labor cost. It with 10 advantages as below:

### SURSPIDER Easier, Stronger and Faster 10 ADVANTAGES

1 SurSpider Tier = 4 Workers



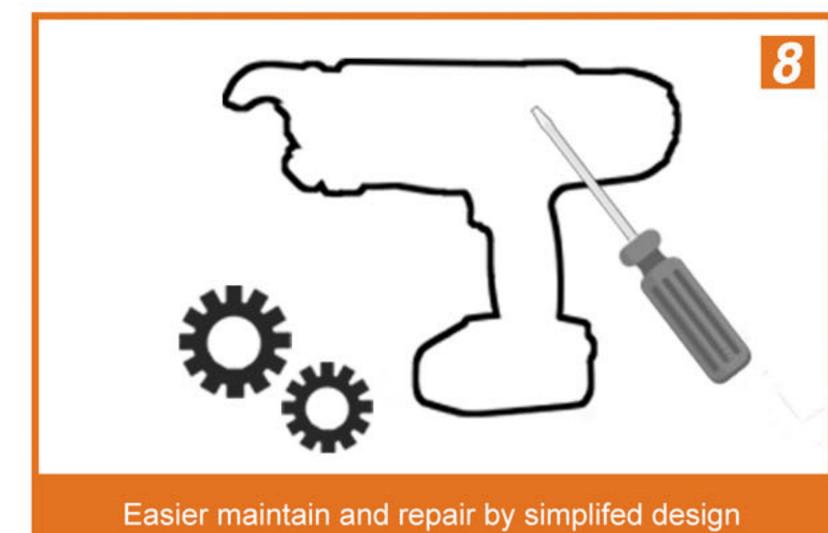
















## Intelligent Rebar Tier Parameter





Wire coil		model charger	model battery	
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Diameter(mm):0.8		Double charger	Standard battery	Advanced battery
Length(meter):100		Model No.:HY-CH-14.4V2.9A-1	Voltage (V):14.4	Voltage (V):14.4
Net weight:390		Input Voltage/Current: 100-240VAC 50/60HZ 0.8A	Battery capacity(Ah):2.0	Battery capacity(Ah):6.
Ties/ Scroll	ZKZ-25A:283	Output Voltage/Current: 16.8V DC 2.9A	Charging time(H):2.8	Charging time(H):2.7
	ZKZ-40A:147			

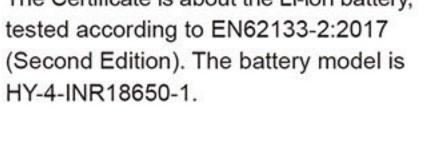
### Certificate & Patent

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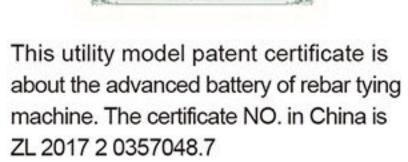
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The models are ZKZ-20A, ZKZ-25A,

ZKZ-35A,ZKZ-40A.

rebar tier head. The certificate NO. in China NO. in China is ZL 2015 3 0332805.1. is ZL 2018 2 0646737.4.









the automatic rebar tying machine. The certificate NO. in China is ZL 2014 1

发明专利证书



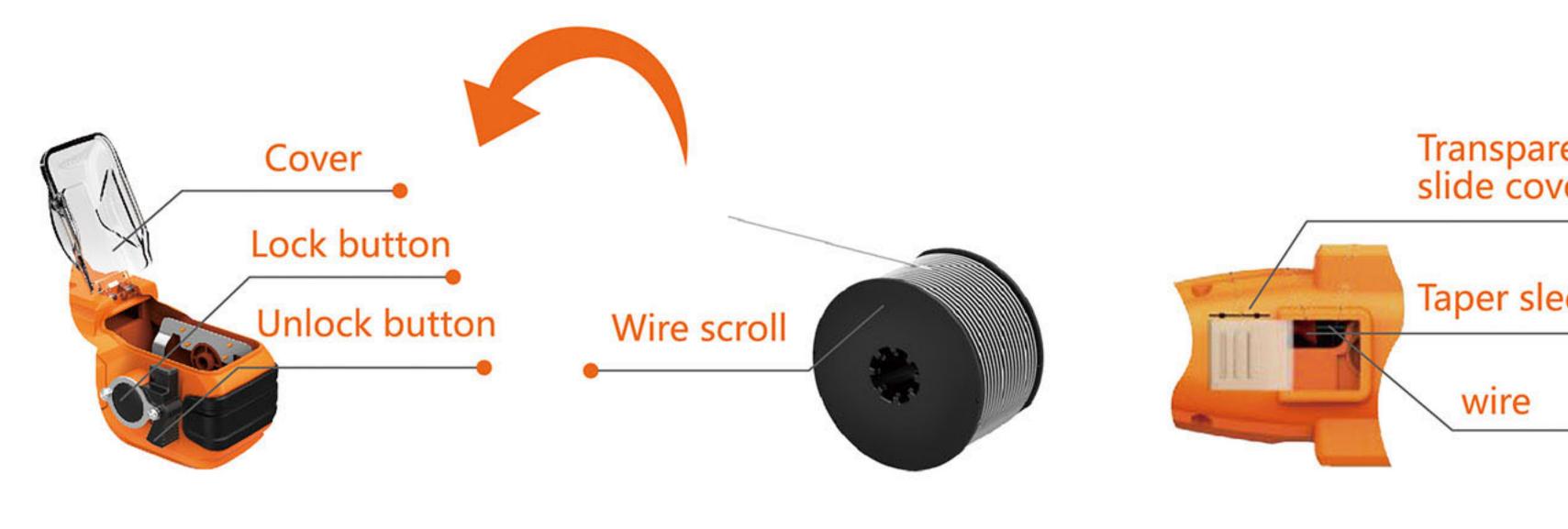
### Packing list

ZKZ-A model standard kit				
Name	Picture	Quantity		
Intelligent Rebar Tier		1 pcs		
Double Charger		1 pcs		
Standard Battery		2 pcs		
Wire Coil		1 pcs		
Cutter		1 pcs		
Allen Key		1 pcs		
Tool Box	Seursphiler	1 pcs		
User Manual	- 51- 11-	1 pcs		

ZKZ-A model Optional Parts			
Advanced Battery (Included Battery Adapter)	turs pider		
Tools Belt			
Pry Hook			

## Installation of wire scroll

- 1. Press "unlock button", the cover open.
- Put wire scroll into the box.
- 3. Press "lock button" to fix the wire scroll.
- 4. Press "clutch button" and insert wire through wire sending channel.
- 5. Close cover after wire is inserted into taper sleeve(check it on top slipt window).





- 1. Make sure all parts of rebar tier are good before working.
- 2. Press "Power Button" to turn on the power
- 3. Battery indicator lights turn red to green.
- 4. Place rebar tier mouth onto rebar cross vertically, avoid any block of wire circle track.
- 5. Press "trigger" then the tool finish tying automatically.
- 6. Lift rebar tier against flexible curl guide and start next tying.





a. Tying Operation Schematic b.Wire Knot after tying



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Make all rebar tying easier, stronger and faster





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