



# Shenzhen Hadesheng Precision technology Inc., Ltd

All servo 3 + 1 excellent die cutting  
machine





哈德胜集团  
HAIDISHENG GROUP

# Performances features



## *Performances features*

- Electronic die-cutting industry about 67.3% products are single pole or double pole process is complete, the HDS developed the whole servo 3 + 1 fine die cutting machine,
- **Main feature:**
- Technology related to fit the rotary die cutting tool, the realization of automatic waste, reduce human waste.
- Die cutting with high efficiency, speed up to **60m/min**.
- Reduce machine time, at the same time reducing the waste of adjustable machine material.
- Form a complete set of circular knife automatic production, high yield
- More powerful, more cost-effective, the process parameters can completely replace the traditional five station rotary die cutting machine !



# Functional specification



- All import server motor servo
- **Off-line die cutter tracking**
- Can implement a simple single-pole high-speed die-cutting products
- Also can realize double set of die cutting processing
- Can be off-line tracking code, provides a more efficient and lower cost for printing die cutting platform
- Humanized operation is convenient
- With automatic correction system
- High ability of security
- At the beginning of the design and development is fully considered to bring more added value for customers, save time, save material, artificial aspects, saving the cost of production, create greater efficiency



# Equipment comparison

## All servo 3+1 excellent die cutting machine



# VS

## Other brand die-cutting machine



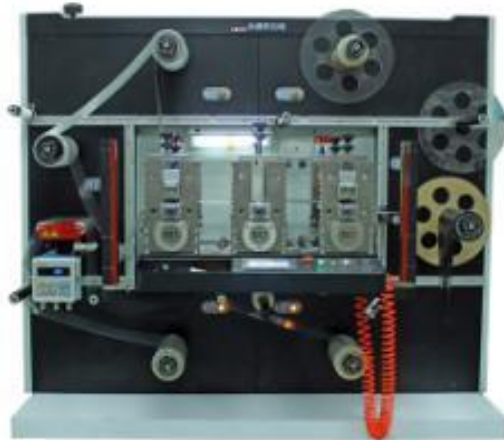
- faster, high efficiency, die cutting speed up to **60m/min**
- CE certification, export configuration, security and stability
- Import new server machine, fast response, high precision
- Hd touch screen, easy operate, set parameters accurately
- Matching color/automatic correction system
- Can be arbitrary respectively with a cutter quickly ;  
Double set of die cutting; Can be realized tracking code;  
Even for a special product can realize three rotary die cutter processing
- Specifically for printing after die cutting, open tinted marking function, realizing fast automatic wire production

- Slow, die cutting speed only **25m/min**
- No security guarantees
- A complete set of electric parts are all homemade, response is slow
- No screen operation, mostly by experience
- No automatic adjustment
- Can put a rotary die cutter , products applicable too narrow
- **can not make the printing**



# Equipment comparison

## All servo 3+1 excellent die cutting machine



**VS**

## Flat cutter attached production line



- Faster, high efficiency, die cutting speed up to **60m/min**
- Six server feeding shaft, easy to realize automatic exhaust
- Convenient layout and simple process
- A technician can easily operate 1-2 machines
- Cover a small area, save space
- **Short** machine time , saving material
- Production stable and high yield

- Slow speed, speed up to **10-15m/min**
- Production process is complex, requires human waste discharge ,
- Complex row complex set
- Need 2 or more persons to adjust and produce a more complex products.
- Covering an area of 3-4 times that of the former
- Long punching machine time, waste scrap
- Flat blade production size, cut marks instability, abnormal



## All servo 3+1 excellent die cutting machine



# VS

## Traditional five station



- Cost-effective, the function can entirely replace any traditional 5 station equipment on the market, its price is less than 50%
- Faster, high efficiency, die cutting speed up to **60m/min**
- CE certification, export configuration, security and stability
- Appearance is concise, atmospheric, easy to operate

- High prices, low price-effective
- speed **40-50m/min**
- no systematic security configuration
- Appearance and operation complex



# Function

No	Function	Description
1	<b>Recombination</b>	Multilayer more groups of compound
2	<b>Two cutter set</b>	Achieved 2 set die cut, according to the process difficulty,
3	<b>Two security protection</b>	<b>Safety light curtains + location fence</b>
4	<b>Convenient operation</b>	An interface to control all functions, knob type options
5	<b>Color code</b>	Offline tinted automatically compensates for die cutting
6	<b>Automatic stop</b>	Broken or no material automatic stop
7	Positive and negative transfer function	Auxiliary shaft can stop switch to change positive and negative direction .
8	Auto, hand filling and deflated	Operation interface and shaft side can release operation
9	<b>Rubber roller</b>	Silicone high pressure rubber roller
10	<b>Security maintenance</b>	Mechanical and electrical separation
11	<b>Auto skew adjustment</b>	Main feeding material automatic correction



# Machine data

<b>Model</b>	<b>XWMQJ-3-7-250A</b>
<b>Servo Motor</b>	<b>1.5kw x 1sets 1.0kw x 2sets</b>
	<b>0.75kw x6sets</b>
<b>Station No</b>	<b>3</b>
<b>Collect and feeding stations</b>	<b>7</b>
<b>Rotary gear pitch</b>	<b>1/8'</b>
<b>The range of rotary cutter teeth number</b>	<b>Up cutter 55~200/ below cutter 55~200</b>
<b>Production rate</b>	<b>Max speed 50m/min</b>
<b>Material shape</b>	<b>roll</b>
<b>The max material width</b>	<b>250mm</b>
<b>The max material dia</b>	<b>800mm</b>
<b>The max material weight</b>	<b>10KG</b>
<b>Outside dimension</b>	<b>L、 w、 h ( nearly ) 2.2mx1.4mx1.9m</b>
<b>Machine weight</b>	<b>Nearly 1600kg</b>



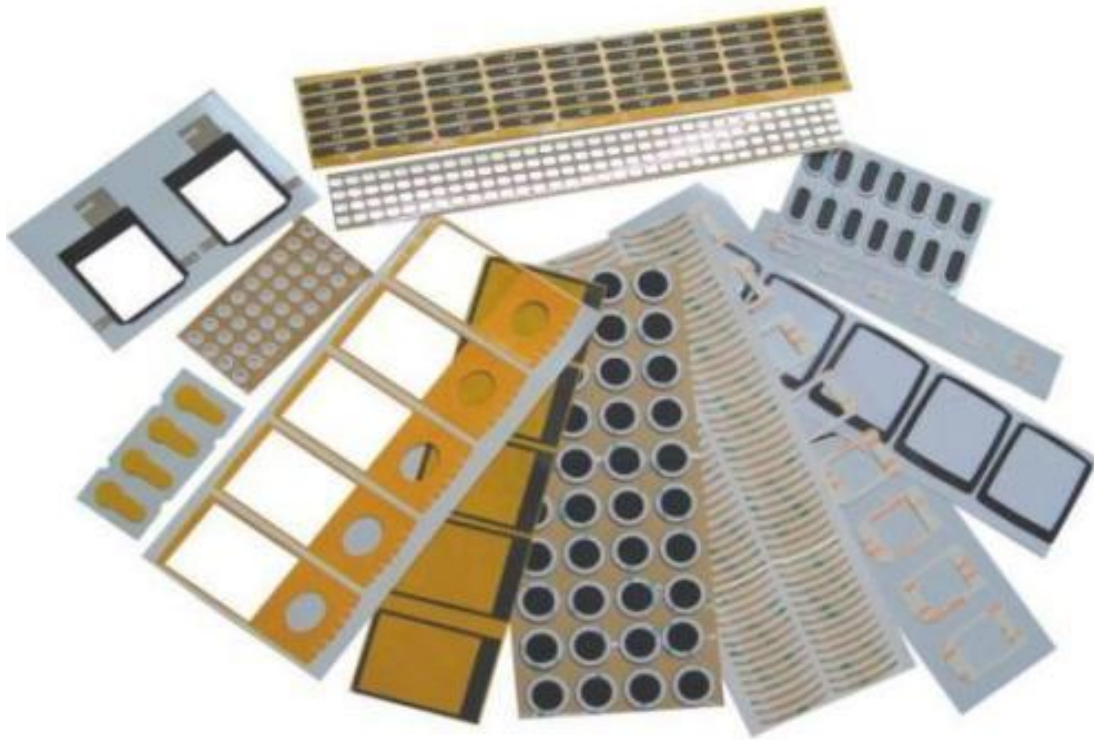


# Express waybill

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# Electronics Industry



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