

Professional R&d / Highly Efficient / Low Failure Rate



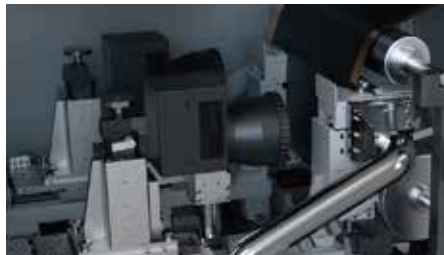
## LASER DIE CUTTING AND SLITTING INTEGRATED MACHINE

## PRODUCT INTRODUCTION

The equipment is mainly used for cutting tab and slitting of electrode coil (continuous coating electrode). The equipment comprises an unwinding module, deviation correcting module, electrode connection module, reinforcing rib module, process deviation correcting module, laser die cutting module, traction module, air knife dust removing module, CCD detection system, slitting module, iron removal mold, wind module etc.

### Technical parameters of equipment

- Running speed: 80-120mm
- Qualified rate of equipment production:  $\geq 99.5\%$  (only refers to the failure caused by equipment)
- Failure rate:  $\leq 2\%$  (refers to the failure caused by equipment, excluding regular maintenance and pre-production preparation of equipment)
- Equipment size (mm): 9500 \* 2200 \* 2650 (L\* W \* H)



Laser die cutting



Slitting

## Specification

### Specification of cell coil

No.	Item	Parameter	Unit	Remark
1	Width	160-5000	mm	
2	Coil diameter	$\geq \phi 700$	mm	
3	Weight	$\geq 500$	kg	
4	Inner diameter of drum	7.88	Inch	

### Process

No.	Item	Parameter	Unit	Remark
1	Size of equipment	9500*2200*2650	mm	
2	Speed	Design $\geq 120$ ; Operation $\geq 80$	m/min	
3	Yield	$\geq 99.5$	%	
4	Failure rate	$\leq 1$	%	

### Output

No.	Item	Parameter	Unit	Remark
1	Cutting accuracy	$\leq 0.3$	mm	
2	Length accuracy	$\leq \pm 2 (0-6m)$ ; $\leq \pm 3 (>6m)$ ;	mm	
3	Cutting burrs	End surface burr of coating area $\leq 12$ , end surface burr of non-coating area $\leq 30$ ;	um	