

## Cutting Line



**SQZK137G M15 Program Control Paper Cutting Machines**



**Computer System**

1. The up-to-date 15.6" Widescreen LCD, full touch screen; Siemens PLC control.  
Eight languages to choose.
2. Metric system and British system two units, show the dimensions of the front knife and the back knife.
3. Position resolution of backgauge is 0.01mm, closed-loop control, the locating error is less 0.01mm; No need to adjust locating error. Max. backgauge speed is 18m/min.
4. The program storage capacity is 300 programs. Every program can store 299 items cutting sizes. The storage memory has a maximum of 40 years.
5. With USB, transmit data, to convenient operator make programming and arrangement via PC.
6. Equipped with fault diagnostics and non-repeat safety guards.
7. The backgauge is driven by a Panasonic servo-motor with four speed levels.
8. With automatic pushing paper function, the distance can be adjusted.
9. Adjustable time delay for knife activation, accurate and convenient.
10. Uses icons to show operational functions, which are simple and user friendly.
11. Clamp pressure adjustment by the computer system(optional).
12. With full automatic cutting function.
13. The backgauge and knife movements can be monitored on the screen.



### Machine Performance

- Chrome-plated for main worktable and side tables, and has the device of air cushion, which is convenient for backgauge running.
- adopts high stiffness double linear guides (except 78 size machine) and high precision gapless lead screw to ensure backgauge accuracy and effectively improve the anti-impact capability against unidirectional impact.
- adopts double hydraulic system which is composed of two hydraulic circuits. When press the footpedal, the hydraulic oil goes through the primary hydraulic circuit made up of reducing valve and spillover valve, and gives the cutting paper micro pressure. The pressure is only several kilograms and can't hurt operator's hands. At the time of cutting paper, put thousands of kilograms of high pressure to ensure the cutting quality and safe operation.
- uses Japan NSK bearing of low maintenance, Italy oil pump and German DICHTOMATIK sealing elements. Main electronic units are from French TE and Japanese ORMON brands.
- It adopts inside electronic knife locker, which can effectively avoid knife-sliding.
- adopts main motor overloading protection safety device for cutting, infrared photoelectric protection, and buttons by two hands safety devices.
- The large components adopt HT250 cast iron and has accepted vibration stress relief, so they won't deform after been used for long time.
- It has mechanical assistance device for knife replacement, illuminated working surface/optical cutting line indicator and a tool box with tools, operating instruction, computer manual and spare parts list. It has total 2 standard steel knives.



Configuration Listing

NO.	Name	Brand, specification & model	Origin of brand
1	Background LCD	15.6"Color touch Interface	Taiwan
2	Control center	Siemens PLC (CPU224)	Germany
3	Backgauge position motor	PANASONIC servo motor	Japan
4	Pick-up	Autonics	Korea
5	Limit switch	TE	France
6	Guarding motor	TE	France
7	Air switch	TE	France
8	AC Contactor	TE	France
9	Miniature relay	OMRON	Japan
10	Switching power supply	MW	Taiwan
11	Power switch	Cansne	China
12	Press-button	TAYEE	China
13	Ball screw	High accurate double linear guides	Taiwan
14	Linear guider	High Precision gapless ball screw	Taiwan
15	Safety module	LEUZE	Germany
16	Hydraulic system	WESSEL	Germany
17	Bearing	NSK	Japan
18	Work Table	Slotless and plated chromium work table	China



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**Technical Parameter**

Model	Unit	137G
Max. Cutting Width	cm	137
	inch	53.9
Max. Cutting Length	cm	145
	inch	57.1
Max. Cutting Height	mm	165
	inch	6.5
Min. Cutting Size (without false clam plate)	mm	30
	inch	1.2
Min. Cutting Size (with false clamp plate)	mm	90
	inch	3.5
Front Table Length	cm	73
	inch	28.7
Max. Clamp Pressure	N	45000
Max. Cutting Speed	time/min	43
Main Motor	KW	4
Net Weight	Kg	4100
Gross Weight	Kg	4500
Packing Size(LxWxH)	cm	290x175x212



**SJ1000/1500 Stack Lift**



**Machine Performance**

1. Supporting equipment for cutting system and printer, to make the paper stack lift and down;
2. Two operation modes(Manual and Automatic)control pallet lift and down;
3. Max.height of pallet:900mm
4. Patent of utility model(ZL200920295164.6),owned intellectual property right.

**Technical Parameter**

Model	SJ1500	SJ1000
Max.length of pallet (L)	168.3cm	135.5 cm
Max.width of pallet (W)	117cm	99.7 cm
Max.height of pallet	90cm	90 cm
Max.loading capacity	1200kg	1000kg
Max.power	1.5kw	1.1kw
Packing Size(L*W*H)	224*194*175cm	197*167*175 cm
Gross Weight	970kg	870kg



**Jogger CZ1130**



**Machine Performance**

1. Supporting equipment for cutting system, can exclusive use also;
2. Jogging rate can be adjusted;
3. Automatic air-removing function, single and twice two air-removing modes;
4. Side baffle plate can be put down, convenient for paper stack transportation;
5. Worktable and side baffle plate are both with air cushion;
6. Jogger table can be inclined two directions, every direction is with four different inclining degrees.



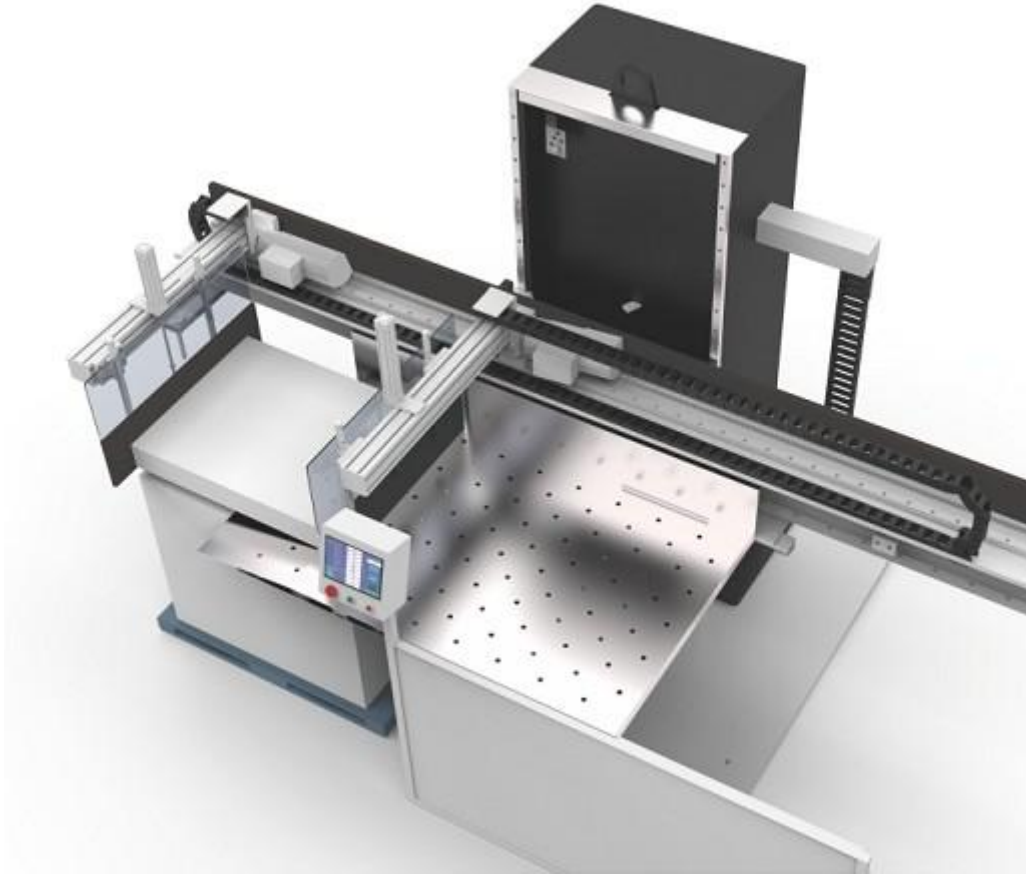
Technical Parameter

Model	CZ1130
Max jogging width	1130mm
Max jogging length	863mm
Max jogging height	166mm
Min air-removing height	30mm
Jogging table height(adjustable)	880-1050mm
Max power	1.4kw
Voltage	380V 50HZ 3-phase
Air Pump (Max. Flow)	40 m3/h
(Max.Pressure)	10.79 Kpa
Lifting reducing motor	380V/50HZ,550W/1420R/MIN
Air-removing reducing motor	380V/50HZ, 550W/ 1420r/min
Jogging motor	380V/50HZ,150W/2900r/min
Air pump motor	380V/50HZ,250W/2800r/min
Max jogging capacity	160kg
Net Weight	620kg
Gross Weight	780kg
Outline dimension	1510*1210mm
Packing Size(L*W*H)	1720*1320*1930mm





## XZ1050 Unloader



### Machine Performance

1. Automatic unloader series is with automatic identification to paper stack size and position, automatic paper feeding and unloading functions. It can unload cutting products from the working table to the setted base quickly and neatly.
2. The whole process of paper feeding and unloading is accurate and effective, reducing labor intensity, improve work efficiency, the finished paper stack is ready to next step of production process at any time;
3. The electric system adopts programmable controller from Schneider(France) and Siemens(Germany), to monitor all electrical and mechanical;
4. High performance reducer motor from German is with smooth movement and low noise;
5. Equipped with Taiwan linear guide and oil pump, import Italy hydraulic system elements.



**Technical Parameter**

Model	<b>1050</b>
Max.Paper Format	900*1200mm
Max.Layer height	160mm
Max. Pile Height incl.pallet	1100mm
Max.Layer Weight	200kg
Min.Pallet Height	130mm
Connected Load	3.5kw
Air demand	6bar
Air Consumption	3L/min
Net Weight	1380kg
Gross Weight	1850kg
Packing Size(L*W*H)	3540*2180*2580mm