



OSCILLATING DOUBLE BLADE

双刀机 CNCHK-5



○ 技术参数表 Technical Data

块料最大尺寸	Max. Block size	3000*2200*1300mm
机器总功率	Power	7KW, 380V, 50Hz
刀具尺寸	Blade size	2500*3*0.6mm, tooth-type 1630*3*0.6mm, tooth-type
切割速度	Speed	Max. 6.3m/min
切割精度	Accuracy	±0.5mm
压辊	Press roller	已安装 Installed

性能特点:

精度高，海绵损耗小，可断点加工，自动归零，操作简便，耗材少，刀片耐用，无粉尘，自主研发高精度电子跟踪系统，电机实现完全同步（防断刀），伺服保护系统，自诊断装置

Advantage:

- High precise cutting.
- Can continue the cutting after break.
- High-precision monitoring system ensure the fully synchronization of motors, to avoid blade broken.
- Servo protection system installed.
- Dust-free.
- Blade with a long servive life.

适用领域：海绵行业、家具软体行业、包装行业、汽车行业、化妆品行业、日用品行业、建筑行业
Industries: Foam, Furniture, Mattresses, Packaging, Automobile, Household, Building, etc.

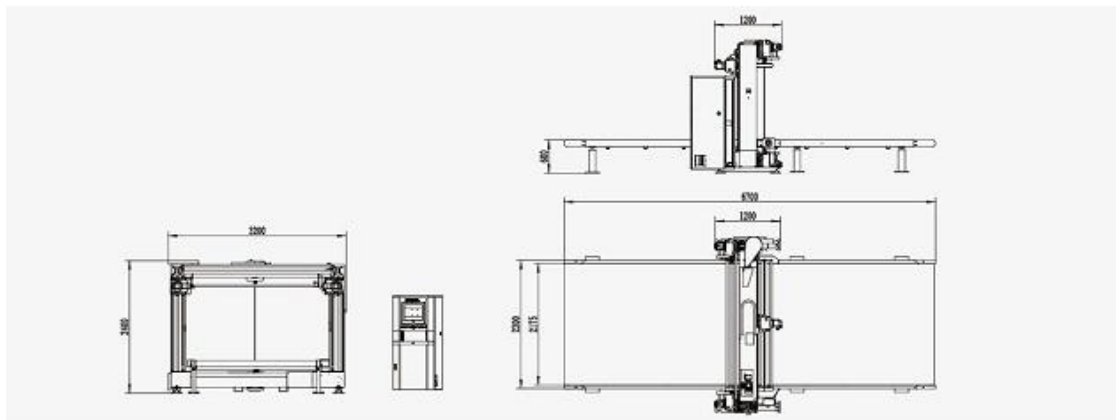
可切材料：海绵、乳胶、再生绵、密胺海绵

Material: PU flexible foam, HR, Memory foam, Latex, Rebond foam, Melamine foam, etc.

○ 样品展示 Sample



○ 安装尺寸图 Drawing





ULYP-6000/7280/10500 海绵圆盘平切机
Carousel Splitting Foam Cutting Machine



可选配触摸屏
Optional touch screen



可选装电动角度装置
Optional electric motor to adjust cutting angle



外置式高压吸风机
Optional external high pressure vacuum device



可选装强力吸风装置
Optional strong suction device



可选装鼓风机上峰装置
Optional electric blower to raise the foam



可选装固定式前后压辊
Optional the stationary front and back pressure roller

本机主要用于多个方形海绵的水平连续切片工作,本机采用全自动数字控制,切割精确,操作简单,生产效率极高.本机可选配加装强力吸风装置,海绵固定更牢固,切割效果更好.人性化设计,提高安全保障,可选用两片夹刀盒,切割软泡效果更佳。

This machine is mainly used for horizontal continuous slicing of multiple square foam. It adopts fully automatic digital control, with high cutting precision, simple operation and high efficiency. We offer vacuum device for your option, which fixes foam firmly and brings better cutting effects. We also offer two blades for your option, which ensures the safety and better cutting for soft foam.

型号	Model	ULYP-6000	ULYP-7280	ULYP-10500
可切海绵尺寸	Cutting foam size	W1.5 X L2XH1.2m(4pcs)	W1.5 X L2XH1.2m(6pcs)	W1.5 X L2XH1.2m(8pcs)
可切最大海绵尺寸	Cutting foam size (max)	W1.5 X L2XH1.2m(4pcs)	W2.15 X L3XH1.2m(3pcs)	W2.15 X L4.5XH1.2m(3pcs)
总功率	Total power	8.92Kw	8.92Kw	11.92Kw
工作转盘转速	Worktable turning speed	0~3.5r/min	0~3.0r/min	0~2.0r/min
刀带周长	Blade length	8980mm	10000mm	10240mm
加装前后压辊装置刀带周长		9220mm	10240mm	10470mm
工作台直径	Work table dia(φ)	6000mm	7280mm	10500mm
切片厚度	Cutting thickness	2~150mm	2~150mm	2~150mm
机器重量	Machine weight	3300Kg	3500Kg	4500Kg
机器外形尺寸	Machine external size (LxWxH)	L6.9m X W6m X H2.4m	L7.9m X W7m X H2.4m	L11.5m X W10.5m X H2.4m

total power		
机器重量 Machine weight	1300Kg	1500Kg
外形尺寸(长x宽x高) Machine external size	L4500 xW4000 x H2550mm	L4500 xW4800 x H2550mm

ULLQ-4LB

海绵全自动直切机

Automatic Vertical Foam Cutting Machine

主要用途: Main Usage

本机采用刀架移动切割工作,工作台及工件固定,自动控制切绵厚度,刀带来回移动进行切割。

本机全自动控制,切割精确,节省人手,生产效率大为提高。

This machine conducts reciprocating cutting by adopting moving carrier, fixed worktable, with automatically control of the cutting thickness.

Fully automatic control of this machine ensures higher accuracy and efficiency, less labor force.



主要技术参数: Main Technical Specification

刀带长度 Cutter length	L9480mm	有效切割行程 Available cutting stroke	2200mm
挡板行程 Baffle distance	2050mm	切绵厚度范围 Cutting thickness scope	3~ mm
总功率 Total power	7.09Kw	切绵有效高度 Available cutting height	1100mm
挡板行走速度 Baffle treading speed	0~10m/min	刀架行走速度 Blade Frame moving speed	0~20m/min
内工作台尺寸(长X宽) Inner worktable size:(WxL)	W2150mm X L2440mm		
外工作台尺寸(长X宽) Outer worktable size:(WxL)	W2150mm X L2440mm		
最大外形尺寸(长X宽X高) Machine external size max(LxWxH)	L3700 X W5700 X H2900mm		

DongGuan U-Long Machinery Co.,Ltd.



ULLQ-4LE 海绵直切机(高精度型)

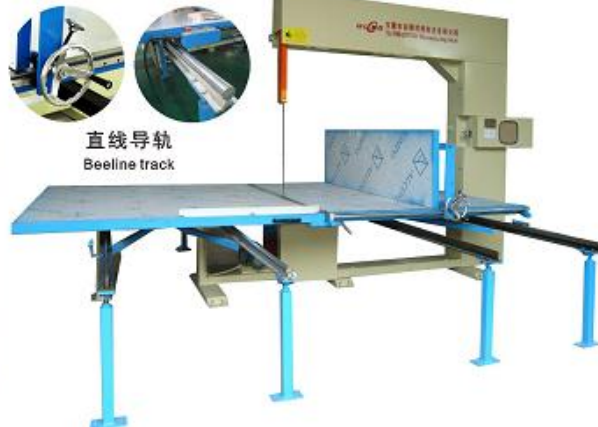
Vertical Foam Cutting Machine(Precision)

本机主要用于海绵垂直切片及海绵成型的切片工作,采用先进的直线导轨制作,切割精度相对较高。本机同时可加工各种纸类EVA及珍珠绵工作。

This machine is mainly used for the vertical slicing and forming slicing of the foam. It adopts advanced beeline track with relatively high accuracy. All kinds of EVA materials can be processed.

主要技术参数: Main Technical Specification

型号 Model	ULLQ-4LE 中型 Middle	ULLQ-4LE 大型 Big
内工作台尺寸 Inside worktable size	W1320mm x L2440mm	W1720mm x L2440mm
外工作台尺寸 Outside worktable size	W1200mm x L2440mm	W2003mm x L2440mm
切割厚度 Cutting thickness	3~ mm	3~ mm
切割高度 Cutting height	H800/H200mm	H500/H200mm
刀带长度 Blade length	L7320mm/L6100mm	L8100mm/L6900mm
总功率 Total power	1.34Kw	1.34Kw
机器重量 Machine weight	1300Kg	1500Kg
外形尺寸(长x宽x高) Machine external size	L4500 xW4000 x H2550mm	L4600 xW4600 x H2550mm



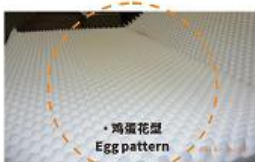
ULYX-O-2250 强力海绵压形机 Strong Profile Cutting Machine
ULYX-1650/2150 海绵压形切割机 Profile Cutting Machine



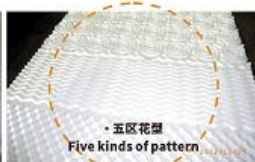
强力海绵压形机 (特殊花型)
Strong foam profile cuttg machine
(special pattern)



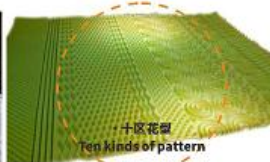
可加装自动收料设备
Optional automatic receiver



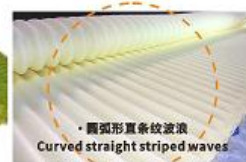
• 鸡蛋花型
Egg pattern



• 五区花型
Five kinds of pattern



• 十区花型
Ten kinds of pattern



• 圆弧形直条纹波浪
Curved straight striped waves

本机为压形切割机机械切割，主要将海绵成波浪状绵。适用于电子、精密仪器、汽车坐垫、保健用品以及贵重物件的包装用途。

This machine is mostly used to press the foam into wavy foam, which can be suitable for electric and precision instruments, car cushion, health care supplies' and valuables' packing.

型号	Model	ULYX-1650	ULYX-2150	ULYX-O-2250
最大可切割海绵厚度	Maximum cutting thickness	120mm	120mm	200mm
压辊直径	Dia. of press roller	∅195mm	∅195mm	∅260mm
最大压形宽度	Profiling width(maximum)	W1650mm	W2150mm	W2250mm
最大压形深度	Profiling depth(maximum)	30mm	30mm	80mm
压形轮轴转速(工作状态)	Profiling axle tree turning speed (working)	0~25r/min	0~25r/min	0~25r/min
总功率	Total power	8.92Kw	8.92Kw	17.1Kw
切割速度	Cutting speed	0~25m/min	0~25m/min	0~25m/min
刀带长度	Blade length	L9260mm	L10260mm	L10400mm
机器重量	Machine weight	2000Kg	2500Kg	3000Kg
机器外形尺寸(长x宽x高)	Machine external size(LxWxH)	L4.2 x W1.25 x H1.55m	L4.7 x W1.25 x H1.55m	L4.7 x W1.25 x H1.55m

海绵测量仪器 Foam Instruments



海绵回弹系数测定仪
Foam Rebounding Coefficient Tester



海绵压陷系数测定仪
Foam Compression Coefficient Tester



海绵厚度测量仪(0-30mm)
Foam thickness tester



海绵拉伸强度测定仪
Tensile strength of foam tester



硬度计
Foam Hardness tester



海绵厚度测量仪(0~10mm)
Foam thickness tester

ULYQ-2150

海绵圆切机

Foam Peeling Machine

本机主要用于各类圆柱形海绵的无限长薄片切割工作。本机最新研制开发, 可选配电脑数字控制设定切割厚度, 去除繁琐的变换齿轮改变切割厚度的工作, 操作更快捷, 精密度更高!

This machine is mainly used for the continuous cutting of the cylindrical foam. This machine is the latest developed, and computer control system of cutting thickness is optional, with simpler operation and higher cutting accuracy.



可选配电脑数字控制系统
Additional computer control system

主要技术参数: Main Technical Specification

最大切割尺寸(直径x长度) Cutting size(dia.Length)	Φ 2000x2150mm	最大切割密度 Cutting density(max)	60Kg/m ³
切割厚度范围 Cutting thickness	2~25mm	旋转速度 Turning speed	25m~30m/min
总功率 Total power	6.94Kw	机器重量 Machine weight	1800Kg
刀带长度 Blade length	9260mm	机器外形尺寸(长x宽x高) Machine external size(LxWxH)	L4430 x W1650 x H1950mm

ULFS-30B

海绵粉碎机(带输送带)

Foam Crushing Machine



型号	Model	ULFS-30A	ULFS-30B
破碎速度	Breaking speed	100~550Kg/h	100~550Kg/h
破碎最小粒度	Breaking particulate min	3mm~25mm	3mm~25mm
总功率	Total power	35.5Kw	37Kw
机器重量	Machine weight	2200Kg	2500Kg
筛网	Screen(8mm, 18mm, 30mm)	3PCS	3PCS
风机	Fan machine	5.5Kw	5.5Kw
机器外形尺寸	Machine external size	L3500 x W2150 x H1900mm	L4000 x W2150 x H1900mm

注: 该设备专用于破碎海绵, 严禁带铁钉和布条。 Remark: This machine only crush foam, can not crush nail and shred.

ULJB-10B 再生海绵生产线 (带蒸汽) Foam Re-bonding Machine(with steam)



ULJB-10B



ULJB-10A

本机主要用于将已经粉碎的海绵与胶水搅拌混合，再经过发泡成型模，经液压系统压成相应要求密度的再生海绵。本机具有搅拌、混合、加压成型的一整套流水线生产线，生产效率极高。最新研制的全自动带蒸汽装置模具，更可将生产效率提高5倍。

This machine is mainly used for the stirring of the crushed foam with glue. After the foaming mould, the regenerated foam of the required density is compressed through the hydraulic system. This machine has a set of production line of mixing, stirring and pressure forming, with high production efficiency. The newly developed fully automatic mould with steam device can increase production efficiency by five times.

主要技术参数: Main Technical Specification

型号	Model	ULJB-10A	ULJB-10B (with steam)
搅拌箱容积	Stirring cubage	10m ³	10m ³
搅拌转速	Stirring turning speed	40r/min	40r/min
油缸工作最大压力	Utmost work pressure of oil jar	12000Kg	12000Kg
总功率	Total power	13Kw	14.5Kw
机器重量	Machine weight	4000Kg	4300Kg
机器外形尺寸	Machine external size	L6000 x W3500 x H5200mm	L6000 x W3850 x H5300mm
发泡模具	Moulding tanks	L2050xW1550xH1000mm(2pcs)	L2050xW1550xH1800mm(1pcs) (Automatic)

注：以上数据和参数仅供参考，实际技术数据以出厂产品为准。

Remark: The above data is only for reference, all the parameter is subjected to the sold production.

Full-automatic Constant-load Impact Tester

Product Name: Constant-load Impact Tester

Product Model: PMPL-2000A

Manufacturing Criteria:(GB/T 18941 ISO 3385:2014

Flexible cellular polymeric materials — Determination of fatigue by constant-load pounding

ASTM D3574 Standard Test Methods for

Flexible Cellular Materials—Slab, Bonded, and Molded

Urethane Foams I

I. Major Application Scope and Functions:

It is mainly applied to the compression fatigue test of reciprocating impact for foam polymeric materials, and can measure the thickness reduction value and hardness reduction value of the sample (residual deformation rate). Besides, the dynamic fatigue characteristic of the material can be understood.

The control system of this instrument adopts the PLC of Siemens, and parameter setting and operation can be conducted through the 7-inch color touch screen. The impact load, numbers of experiment and impact thickness can be set according to the experimental requirements. The biggest characteristic of this instrument is as follows: with the increase of the impact time and number of times, the height of the sample tray can be automatically adjusted when the impact load is smaller than the impact load predetermined, to make the impact load keep in the impact load scope set. When the test is finished, an alarm will be given!

This instrument is characterized by easy operation, reliable performance and high measurement precision, and it is a sponge impact fatigue tester of relatively high intelligence and automation degree.

II. Main Technical Parameters:

1. Maximum loading capacity: 0-1000N.
2. Reciprocating compression frequency: 10-100 times/minute, (standard requirement: 70±5 times/minute)
3. Maximum number of compressions: It can be set
3. Reciprocating compression stroke: Maximum 100 mm.
4. Pressure plate diameter: $\phi 250 \text{ mm} \pm 1 \text{ mm}$. Round corner of lower edge: $R25 \text{ mm} \pm 1 \text{ mm}$
5. Sample support table: Side length of the square: 500mm Thickness: 10mm, Pore diameter: 6.35mm Hole distance: 20mm

6. Sample dimension: Side length - 500 mm, thickness – 50mm±2mm, shape – square
7. Force value display: Real-time dynamic display of peak value
8. Number of experiments: Dynamic liquid crystal display, automatic stop after the value set is reached
9. Completion of experiment: Buzzer alarm
10. Experiment mode: Constant-load test and constant-displacement test
11. Sample positioning: Positioning can be conducted according to the test specification and dimension, to prevent deviation as the time goes on
12. Size of host machine: Length, width and height = 800mm*500mm*1200mm
13. Equipment weight: 100KG
14. Motor power: 180W
15. Supply voltage: 220V/50HZ

III. Main Configuration

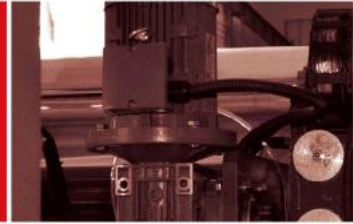
Serial Number	Name	Unit	Quantity	Remark
1	Test Host	Set	1	
2	Power Line	Piece	1	
3	Product Manual	Piece	1	
4	Product Qualification Certificate	Piece	1	
5	Product Packing List	Piece	1	
6	Crash Pad	Set	4	



**Full-automatic Sponge Reciprocating Constant-load Impact
Tester**

NG-31M

FOAM BLOCK COMPRESSION MACHINE



01 The machine has the functions of automatic vacuum pumping and sealing.

02 The distance between upper and lower pressure plates is 1.1 meters, which is suitable for various sponges and mattresses.

03 The machine adopts floating worktable structure to enter and push automatically.

NG-31M FOAM BLOCK COMPRESSION MACHINE

Cylinder amount:	10pcs
Oil pressure power:	7.5KW
Max press plate distance:	1200mm
Heat power:	3kw

Heating working distance:	3500mm
Pumped power:	2.2kw
Shape size:	4185*4880*3610mm
Net weight:	5000KG

ADVANTAGE

This machine is designed for uncut sponge blocks with high thickness. The highest compression height of 1.2 meters ensures the applicability of the machine. The floating worktable perfectly solves the handling problem of sponge block in the process of transportation, and makes it more convenient for operators to operate and compress. The press is equipped with automatic vacuum pumping device to ensure that there is no air residue after compression and ensure packaging quality.

TWVCL-1500 全自动垂直连续发泡生产线

TWVCL-1500 Automatic Vertical Foaming Production Line (Continuously)

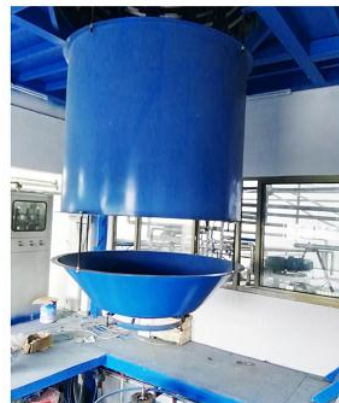


Main Usage:

This machine produces column-shaped foam with a density of around 10–35kg/m³ vertically and continuously. The foam it produces can be sliced into coils, mainly used as composite material. As it features small land occupation, low unit output and low cost, it is the best choice for small enterprises.

主要技术参数 Main Technical Specifications

输送带直径 Conveyor Belt Diameter	1.5m
输送带高度 Conveyor Belt Height	4.5m
物料组份 Material Components	7-10组(Components)
PPG泵流量 PPG Pump Flow Rate	17-60kg/min
TDI泵流量 TDI Pump Flow Rate	15-40 kg/min
混合头功率 Mixing Head Power	11KW
混和头转速 Mixing Head Turning Speed	3500r/min
致冷功率 Cooling Power	7 P
加热功率 Heating Power	15kw
提升速度 Lifting Speed	1-1.4m/min
发泡密度 Foaming Density	10~35kg/m ³
总功率 Total Power	50kw
主机外形尺寸 (长X宽X高) Mainframe External Size	L7xW7xH10m



注：以上数据和参数仅供参考，实际技术数据以出厂产品为准。

Remark: The above data and parameters are only for reference. All actual technical specifications are based on outgoing products.