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2024
PRODUCT
BROCHURE

POSTPRESS WASTE REMOVAL MACHINERY SERIES PRODUCT

INDUSTRY APPLICATIONS

广泛的行业应用

我们的机器广泛应用于烟包，药包，化妆品盒，吊牌，纸杯，餐盒等生产企业

Our machine widely applied for the industries as below:
Cigarette Box, Medicine Box, Cosmetic Box, Hang Tag, Paper Cup, Fast Food Box and so on.

在未来的包装领域里，我们以卓越的有竞争力的产品、创新的生产解决方案，以及密切的合作伙伴关系为基础，为客户创造需求之上的价值和无限的可能性。

In the future packaging field, we will create value and unlimited possibilities for customers based on excellent competitive products, innovative production solutions, and close partnerships.



QUALITY FORGED EXCELLENCE

品质铸就卓越成就

专有技术亮点 助力生产

Technical highlights, production assistant



01

自动加油，自动定期润滑系统，大大延长机器使用寿命。

Automatic periodic lubrication system greatly prolongs the service life of the machine.



02

Y轴独立移动单元隐藏，伺服电机直接传动螺杆，移动精密度更高。

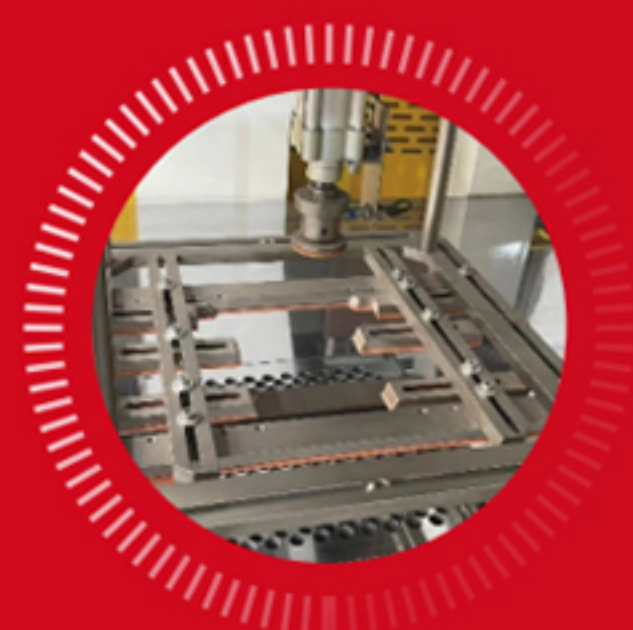
The Y-axis independent moving unit is hidden while the servo motor directly drives the transmission screw, making higher moving precision.



03

安全护栏，完全避免在机器运行中周围人员的安全问题。

The safety guardrail avoids the safety problems of the surrounding personnel during the machine running.



04

专利旋转头，集普通单头与双头机械功能于一体；实现一次性解决对拼产品的清废取品。

Patent single pressing frame with rotation integrates single-head and double head functions into one model, which makes blanking jobs easier for products in cross-arranged patterns.



05

采用与切纸机同款镀铬平台使上纸更流畅，更好地保证产品无擦痕与保持干净整洁。

The same chrome-plated platform as the paper cutter is used to make the paper loading smoother, and to better ensure that the product is clean and tidy without scratches.



This series is suitable for medicine packs, cigarette packs, cosmetic boxes, paper cups, paper bowls and other products.

此系列适宜药包、烟包、化妆品盒、纸杯、纸碗等产品。

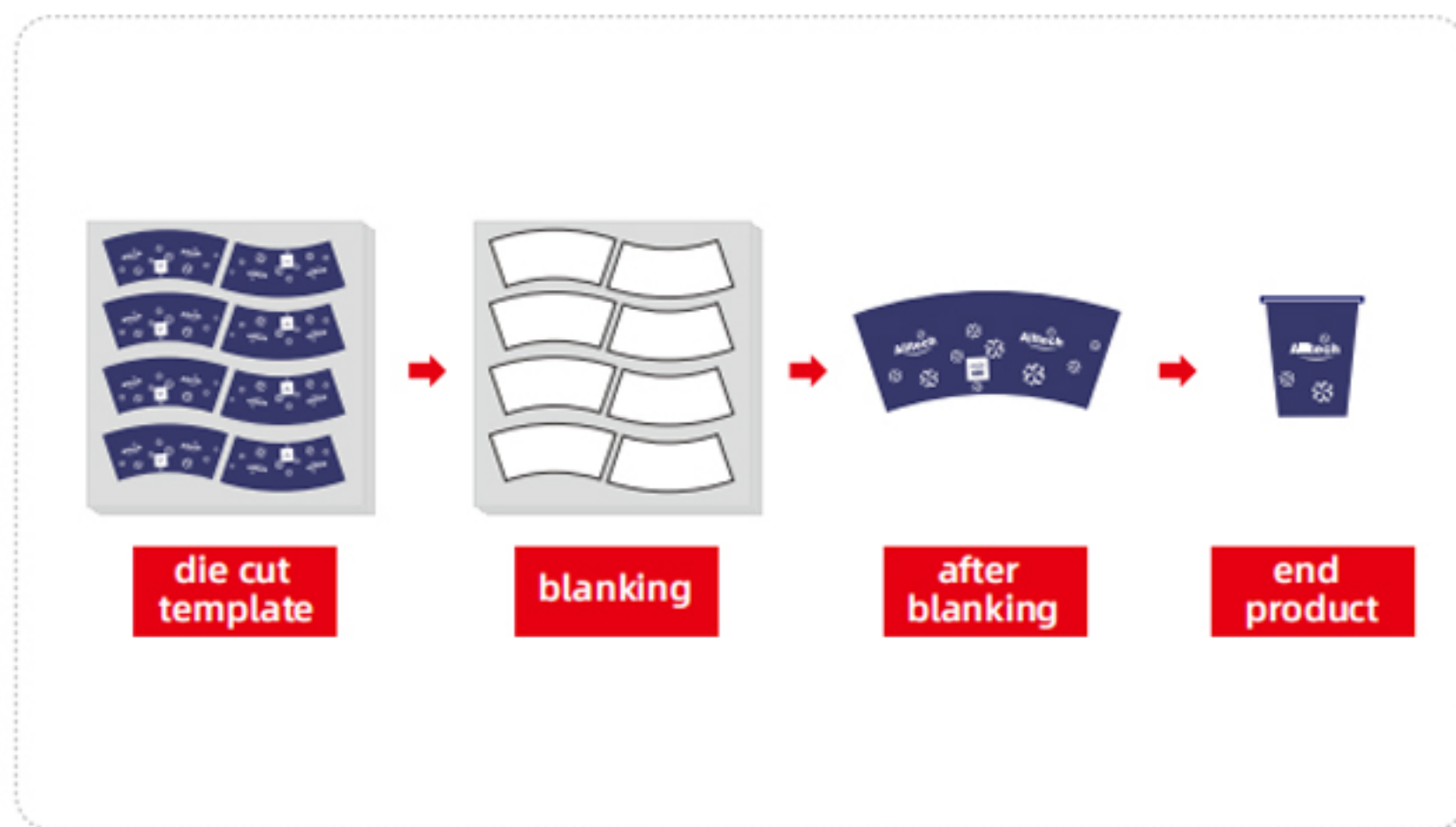
MAIN FEATURES
主要特点

Qianding Machinery uses the industry-leading technology to provide efficiency-enhancing and burden-reducing solutions in packaging and printing fields MSQF-1020E, the upgraded model presents a new concept of integrating one-row blanking, multi production, which includes paper loader, blanking unit, automatic waste discharge and finished-product stacking. We are aiming at minimizing labor costs, reducing preparation time, and improving production efficiency. At the same time, Qianding Machinery adheres to the spirit of craftsmanship, has been and will keep providing good service by providing personalized customization for various print packaging products.

乾鼎机械通过业界领先的智能化清废取品技术，向烟包、药包和快销品等包装印刷领域提供增效减负方案。产品实现一出多拼，包含自动清废取品，自动成品堆码，自动废料输出三大主要功能，最大限度降低劳动成本，减少辅助时间，提高生产效率。同时，乾鼎机械秉承工匠精神，视模切机为主要前道工序，为各类纸制品和塑质包装领域提供个性化定制服务。



SCHEMATIC
示意图



MAIN TECHNICAL PARAMETERS
主要技术参数

Model	机器型号	MSQF-1020D
Max. paper size (X*Y)	最大纸张幅面 (X*Y) mm	1100 X 1100
Min. paper size (X*Y)	最小纸张幅面 (X*Y) mm	500 X 500
Max. paper pile	最大堆纸高度 mm	100
Min. paper pile	最小堆纸高度 mm	40
Work bench	工作台高度 mm	800
Max. blanking size	最大取品 mm	300 X 920
Min. blanking size	最小取品 mm	60 X 920
Blanking speed cycles/min	取品速度次/分钟	5-10
Stacker dimension	码垛堆纸尺寸 mm	1100 X 1100 X 1300
Air consumption L/min	用气量升/分钟	7
Overall power	总功率	8.5 kw, 380V
Net weight	净重 kg	5500
Machine net dimension L*W*H	占地尺寸 长*宽*高 mm	6200 X 1600 X 2100

MSQF-1020D

Stripping machine (one-row blanking with auto waste discharge)

全自动清废取品机(一排取品+自动出废料)



全新升级
New version

一出多拼
One-row blanking,
multiple production



MSQF-1020E

Stripping machine/auto loader+ auto waste discharge/palletizer

全自动清废取品机/自动上纸+自动出废料/自动码垛



MAIN FEATURES
主要特点

This series is suitable for medicine packs, cigarette packs, cosmetic boxes, paper cups, paper bowls and other products.

此系列产品适宜药包、烟包、化妆品、纸杯、纸碗等产品。

Qianding Machinery uses the industry-leading technology to provide efficiency-enhancing and burden-reducing solutions in packaging and printing fields MSQF-1020E, the upgraded model presents a new concept of integrating auto loading, one-row blanking, multi production, which includes paper loader, blanking unit, automatic waste discharge and finished-product stacking. We are aiming at minimizing labor costs, reducing preparation time, and improving production efficiency. At the same time, Qianding Machinery adheres to the spirit of craftsmanship, has been and will keep providing good service by providing personalized customization for various print packaging products.

乾鼎机械通过业界领先的智能化清废取品技术，向烟包、药包和快销品等包装印刷领域提供增效减负方案。产品实现一出多拼，包含自动上纸，自动清废取品，自动成品堆码，自动废料输出四大主要功能，最大限度降低劳动成本，减少辅助时间，提高生产效率。同时，乾鼎机械秉承工匠精神，视模切机为主要前道工序，为各类纸制品和塑质包装领域提供个性化定制服务。

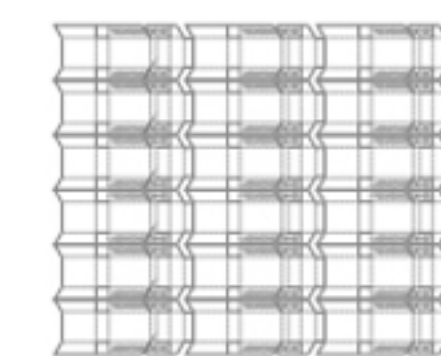


MAIN TECHNICAL PARAMETERS
主要技术参数

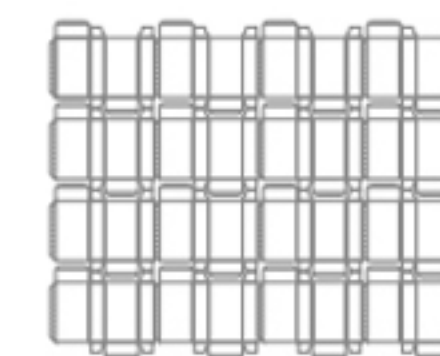
Machine model	机器型号	MSQF-1020E
Max. paper size (X*Y)	最大纸张幅面 (X*Y) mm	1100 X 1100
Min. paper size (X*Y)	最小纸张幅面 (X*Y) mm	500 X 500
Max. paper pile	最大堆纸高度 mm	100
Min. paper pile	最小堆纸高度 mm	40
Work bench	工作台高度 mm	800
Max. blanking size	最大取品 mm	300 X 920
Min. blanking size	最小取品 mm	60 X 920
Blanking speed cycles/min	取品速度次/分钟	5-10
Air consumption L/min	用气量升/分钟	7
Size of paper to be loaded	上纸尺寸 mm	1100 X 820 X 1300
Stacker dimension	码垛堆纸尺寸 mm	1100 X 1100 X 1300
Overall power	总功率	11 kw/n, 380V
Net weight	净重 kg	7000
Machine net dimension	占地尺寸 L*W*H mm	7600 X 1600 X 2100



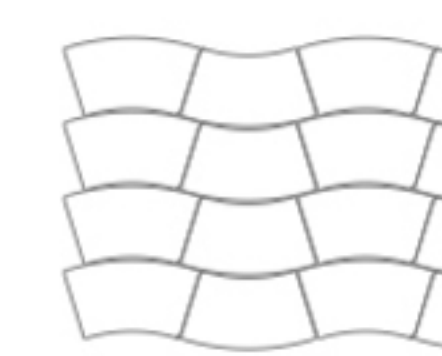
KNIFE MAP
刀版图



Cigarette case
烟盒



Medicine Box
药盒



Paper cup
纸杯片

MSQF-920TRP/1080TRP

Stripping Machine +Rotary mould +Manipulator +Palletizer

自动取品机+旋转头+机械手+码垛机



MAIN FEATURES
主要特点

This series is suitable for medicine blanking jobs of medical box, cigarette box and cosmetics box.

1. The 180-degree rotation of upper mould makes blanking jobs easier for products in cross-arranged patterns.
2. The manipulator helps to take the product, making your work easier and safer.
3. Palletizer automatically collect after-blanking products and stack them on the pallets, which is time-saving and labor-saving.



MAIN TECHNICAL PARAMETERS
主要技术参数

Machine model	机器型号	MSQF-920TRP	MSQF-1080TRP
Max. paper size (X*Y)	最大纸张幅面 (X*Y) mm	950 X 680	1080 X 780
Min. paper size (X*Y)	最小纸张幅面 (X*Y) mm	550 X 400	650 X 450
Max. paper pile	最大堆纸高度 mm	100	100
Min. paper pile	最小堆纸高度 mm	40	40
Work bench	工作台高度 mm	850	850
Max. blanking size	最大取品 mm	420 X 420	450 X 450
Min. blanking size	最小取品 mm	30 X 30	30 X 30
Blanking speed cycles/min	取品速度次 / 分钟	15-22	15-22
Max. working pressure	最大工作压力 bar	70	70
Air consumption L/min	用气量升 / 分钟	5	5
Overall power	总功率	9 kw/n, 380V	9 kw/n, 380V
Rotation route	旋转行程	0-180 °	0-180 °
Manipulator grip range	机械手夹持范围 mm	30-280	30-300
Manipulator grip load	机械手夹持最大重量 g	50-1500	50-1800
Net weight	净重 kg	2200	2600
Gross weight	毛重 kg	2500	3100
Machine net dimension	占地尺寸 LXWXH mm	3100 X 1800 X 1950	3600 X 2050 X 1950
Machine overall dimension	包装尺寸 LXWXH mm	2700 X 1950 X 2250	3100 X 2250 X 2250
Stack dimension	收纸堆纸尺寸 mm	850 X 1000 X 1300	850 X 1000 X 1300
Running speed cycles/min	收纸速度次 / 分	5-12	5-12
Net weight (palletizer)	收品机净重 kg	1200	1200
Gross weight (palletizer)	收品机毛重 kg	1700	1700
Packaging size	包装尺寸 L*W*H mm	2500 X 1800 X 1900	2500 X 1800 X 1900

此系列产品适宜药包、烟包、化妆品。

- 1、180 度旋转压模一次解决对拼产品的取品问题。
- 2、机械手代替人取品，使工作更加轻松，安全。
- 3、自动收产品，堆放在货架上，使工作更加省时省力。



MAIN FEATURES
主要特点

This series is suitable for products such as hang tags, medicine packs, cigarette packs, cosmetics packs, and tea packs.

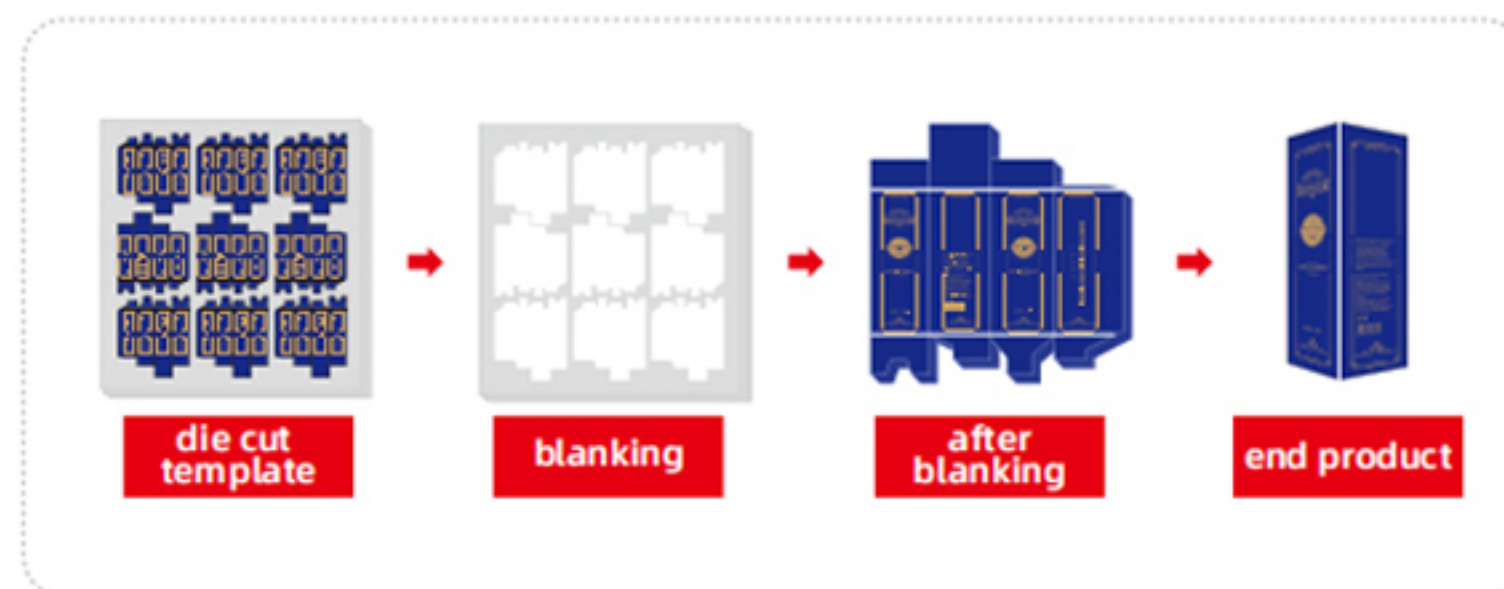
1. The 180-degree rotation of upper mould makes blanking jobs easier for products in cross-arranged pattern.
2. By use of manipulator, work has become easier, safer and labor-saving.

此系列产品适宜吊牌、药包、烟包、化妆品、茶包装等。

1. 180 度旋转压模一次解决对拼产品的取品问题。
2. 机械手代替人取品，使工作更加轻松、安全、省力。



SCHEMATIC
示意图



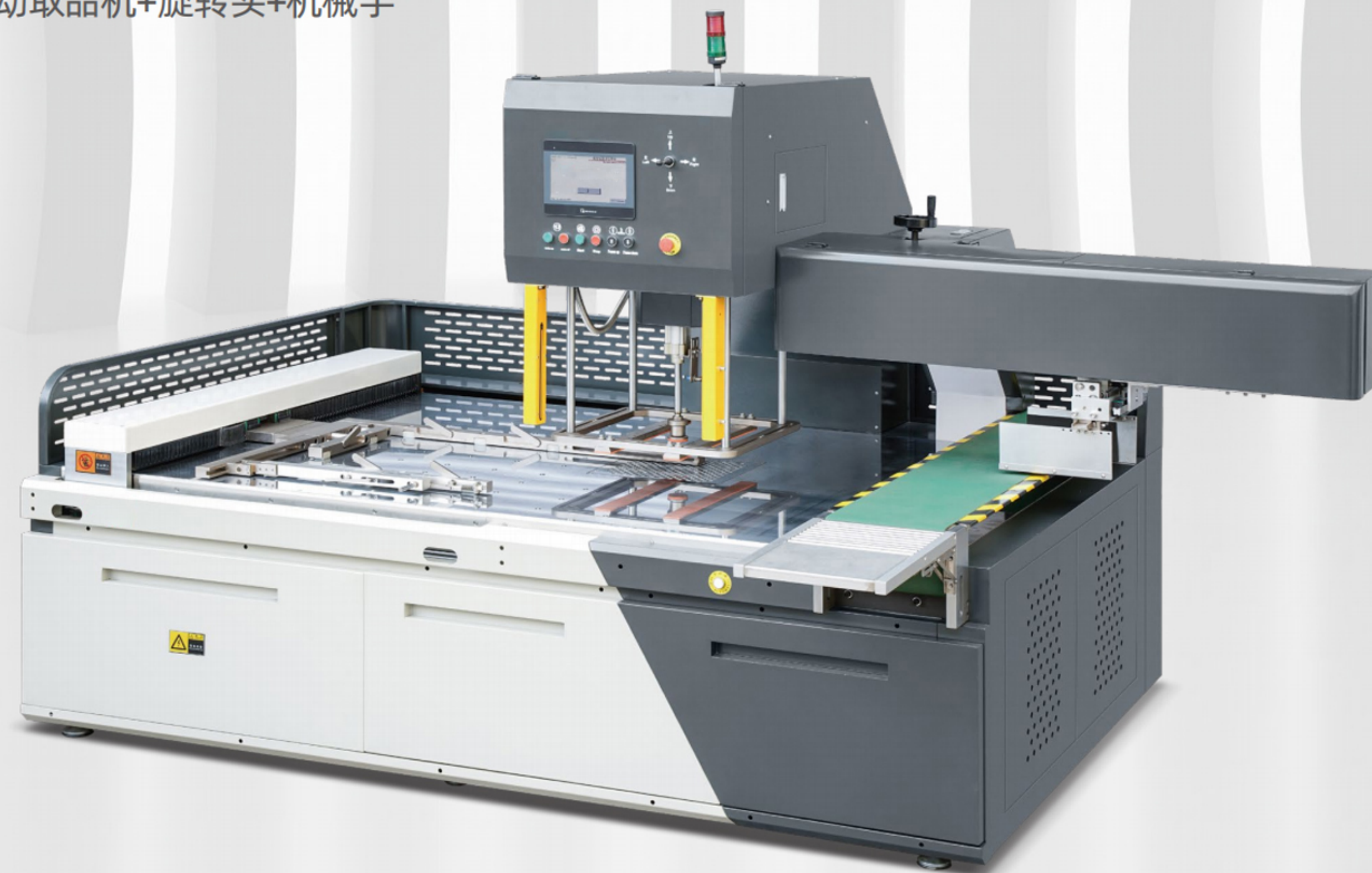
MAIN TECHNICAL
PARAMETERS
主要技术参数

Machine model	机器型号	MSQF-680TR	MSQF-920TR	MSQF-1080TR
Max. paper size (X*Y)	最大纸张幅面 (X*Y) mm	680 X 480	920 X 680	1080 X 780
Min. paper size (X*Y)	最小纸张幅面 (X*Y) mm	400 X 300	550 X 400	650 X 450
Max. paper pile	最大堆纸高度 mm	100	100	100
Min. paper pile	最小堆纸高度 mm	40	40	40
Work bench	工作台高度 mm	850	850	850
Max. blanking size	最大取品 mm	290 X 290	420 X 420	450 X 450
Min. blanking size	最小取品 mm	30 X 30	30 X 30	30 X 30
Blanking speed cycles/min	取品速度 次 / 分钟	15-22	15-22	15-22
Max. working pressure	最大工作压力 bar	70	70	70
Air consumption L/min	用气量 升 / 分钟	4	4	4
Overall power	总功率	7 kw, 380V	7 kw, 380V	7 kw, 380V
Rotation route	旋转行程	0-180 °	0-180 °	0-180 °
Manipulator grip range	机械手夹持范围 mm	30-180	30-260	30-300
Manipulator grip load	机械手夹持最大重量 g	50-1200	50-1500	50-1800
Net weight	净重 kg	1700	2200	2600
Gross weight	毛重 kg	1900	2500	3100
Machine net dimension	占地尺寸 L*W*H mm	2600 X 1400 X 1950	3100 X 1800 X 1950	3600 X 2050 X 1950
Packaging size	包装尺寸 L*W*H mm	2100 X 1500 X 2200	2700 X 1950 X 2250	3100 X 2250 X 2250

MSQF-680/920/1080TR

Stripping Machine + Rotary mould + Manipulator

自动取品机+旋转头+机械手



MSQF-680/920/1080

Stripping machine(basic model)

自动取品机



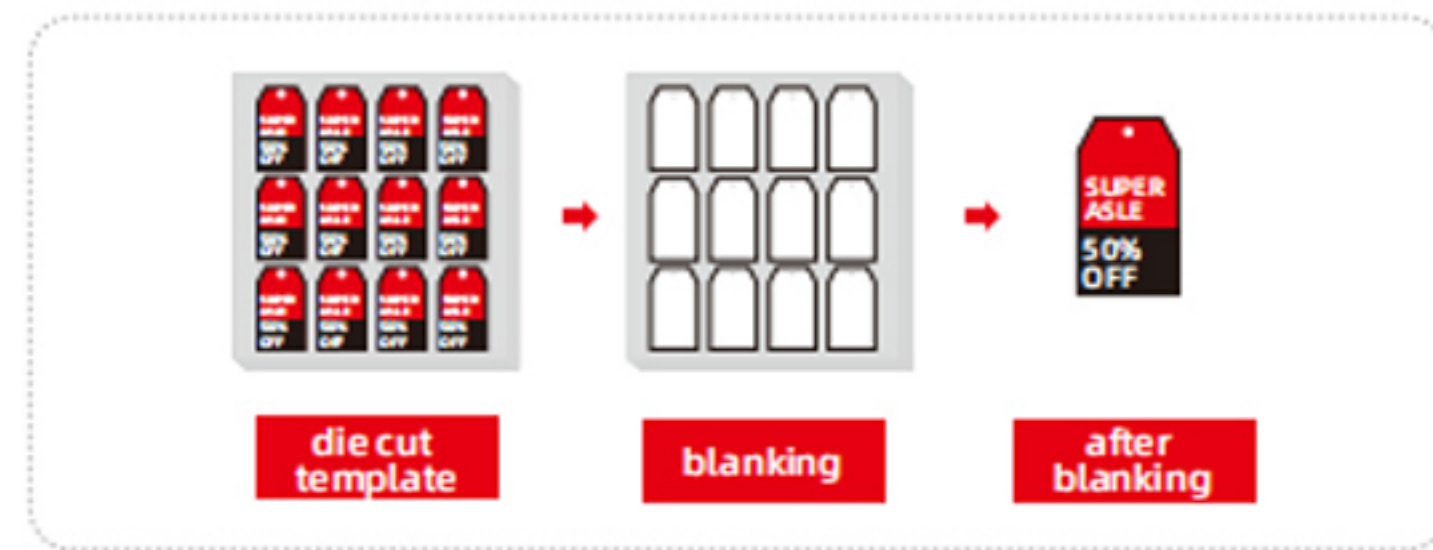
MAIN FEATURES
主要特点

This model is suitable for the paper scrap removal process after die cutting, such as hang tags, paper boxes, etc., which saves manpower, improves products quality to increase the efficiency of production.

此产品适宜吊牌、商标、等模切之后的清废工序，大量节省人力，提高产品质量，增加企业效益。



SCHEMATIC
示意图



MAIN TECHNICAL PARAMETERS
主要技术参数

Machine model	机器型号
Max. paper size (X*Y)	最大纸张幅面 (X*Y) mm
Min. paper size (X*Y)	最小纸张幅面 (X*Y) mm
Max. paper pile	最大堆纸高度 mm
Min. paper pile	最小堆纸高度 mm
Work bench	工作台高度 mm
Max. blanking size	最大取品 mm
Min. blanking size	最小取品 mm
Blanking speed cycles/min	取品速度 次 / 分钟
Max. working pressure	最大工作压力 bar
Air consumption L/min	用气量 3 升 / 分钟
Overall power	总功率
Net weight	净重 kg
Gross weight	毛重 kg
Machine net dimension	占地尺寸 L*W*H mm
Packaging size	包装尺寸 L*W*H mm

MSQF-680	MSQF-920	MSQF-1080
680 X 480	920 X 680	1080 X 780
400 X 300	550 X 400	650 X 450
100	100	100
40	40	40
850	850	850
290 X 290	420 X 420	450 X 450
30 X 30	30 X 30	30 X 30
15-22	15-22	15-22
70	70	70
4	4	4
4.5 kw, 380V	4.5 kw, 380V	4.5 kw, 380V
1500 kgs	1900 kgs	2300 kgs
1800 kgs	2200 kgs	2600 kgs
1910 X 1480 X 1940	2500 X 1800 X 1980	2960 X 2050 X 1950
2100 X 1500 X 2200	2600 X 1950 X 2200	3000 X 2200 X 2250