

JULONG

保定市巨龙微波能设备有限公司

Baoding Julong Microwave Energy Equipment Co., Ltd.

设备简介

Equipment Introduction

保定巨龙

Baoding Julong

橡胶硫化生产线现场布局实景

VULCANIZATION LINE ONSITE LAYOUT



橡胶硫化生产线现场布局实景

VULCANIZATION LINE ONSITE LAYOUT



橡胶硫化生产线现场布局实景

VULCANIZATION LINE ONSITE LAYOUT



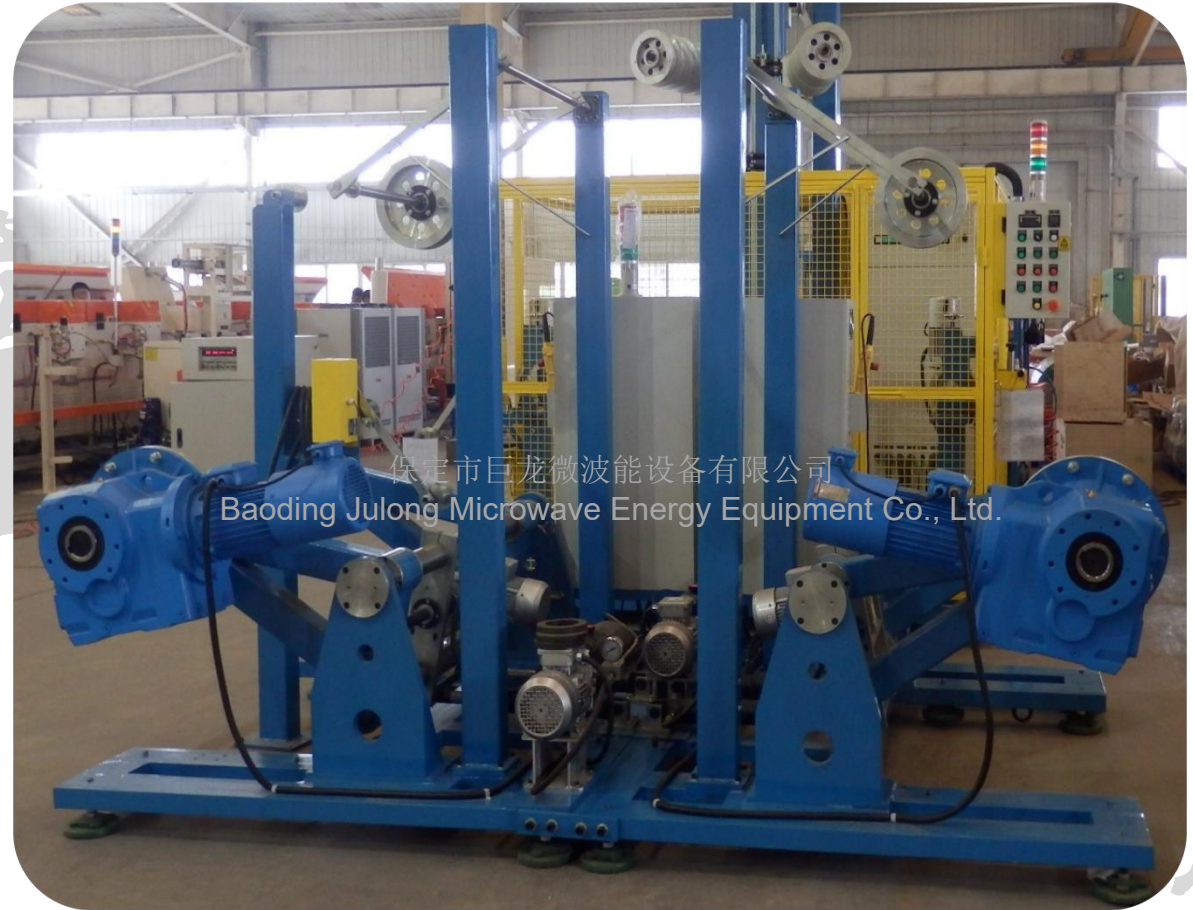
车间实景/WORKSHOP PHOTO



开卷机/UNWINDER



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适用于大卷钢带、大卷铝带、小卷钢带。液动式摆臂结构，油缸顶头加紧中心孔，主动开卷。
Used for big roll and small roll of carrier. Hydraulic swing arm structure; tops of oil cylinder clamp central hole; power unwinding.

开卷机/UNWINDER



大卷钢带开卷用，动力摩擦轮开卷，变频调速，自动适应生产线速度

Used for big roll of carrier, drive friction wheel unwinds, frequency control, automatically adapt to production line speed

开卷机/UNWINDER

无动力开卷，可同时存放两卷钢带，工作位置
手动旋转操作，定位销定位；带有钢带预报警
及钢带断裂报警

**Unpowered unwinding, for 2 rolls of metal
strip , manual operation, locating pin,
equipped with metal strip pre-alarm and
broken alarm**



焊机/WELDER



铝带焊接设备
Welder for aluminum carrier



点焊机，配有可调节钢带定位工装，焊接操作简单快捷
Spot welder, adjustable positioning device, welding operation is easy and quick.

芯材存储机/CARRIER ACCUMULATOR

存储长度30~50米

Storage capacity: 30~50m



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存储长度60米

Storage capacity: 60m



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存储长度80~120米

Storage capacity: 80~120m



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芯材预成形机/PRE-FORMING MACHINE



芯材加热设备/CARRIER PRE-HEATING MACHINE



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加热方式红外辐射或红外辐射加热风，最高温度400℃；辐射器到钢带的距离可调整

Heating method: infrared radiation or both infrared radiation and hot air; max. temperature 400°C; adjustable distance between radiator and carrier.



加热方式：吹入式热风
Heating method: blowing-in hot air

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芯材加热设备/CARRIER PRE-HEATING MACHINE



加热方式：红外+火焰炬
Heating: infrared + flame torch



热风加热，芯材容量30米
Hot air heating, capacity of carrier : 30m

输送设备/ CONVEYOR



输送速度可与生产线同步联动，输送角度可以调整；设备装有脚轮，使用方便

Conveyor speed synchronizes with line, adjustable conveying angle, with caster, convenient to use

高温定形设备/SHOCK CHANNEL



高速热空气槽，最高使用温度400℃，水冷辊式传动，气动开关箱门

High speed circulation of hot air channel, max. temperature 400℃, water cooling roller transmit, air cylinder opening and closing door.

微波硫化设备/MICROWAVE VULCANIZATION OVEN



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辊式输送 Roller conveying

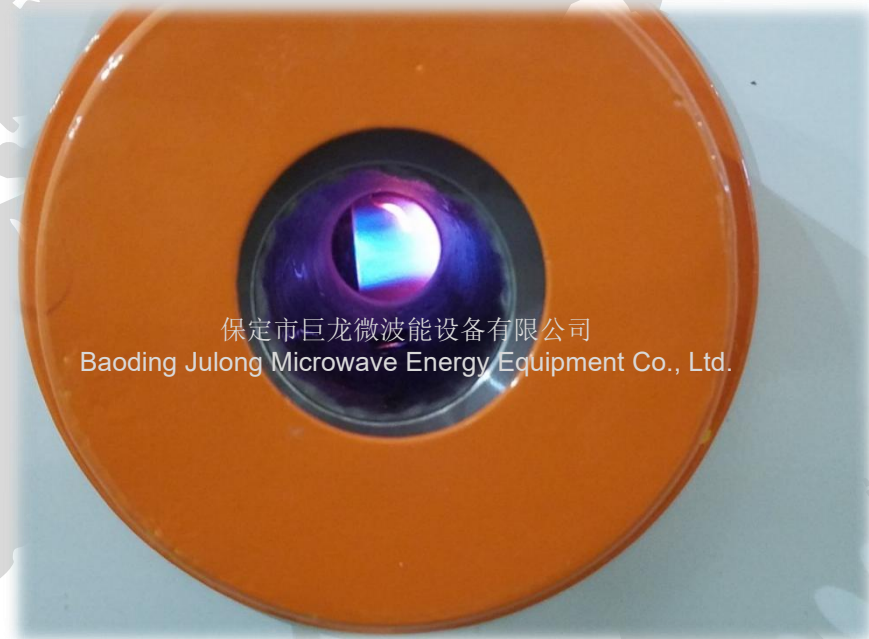


带式输送 Belt conveying



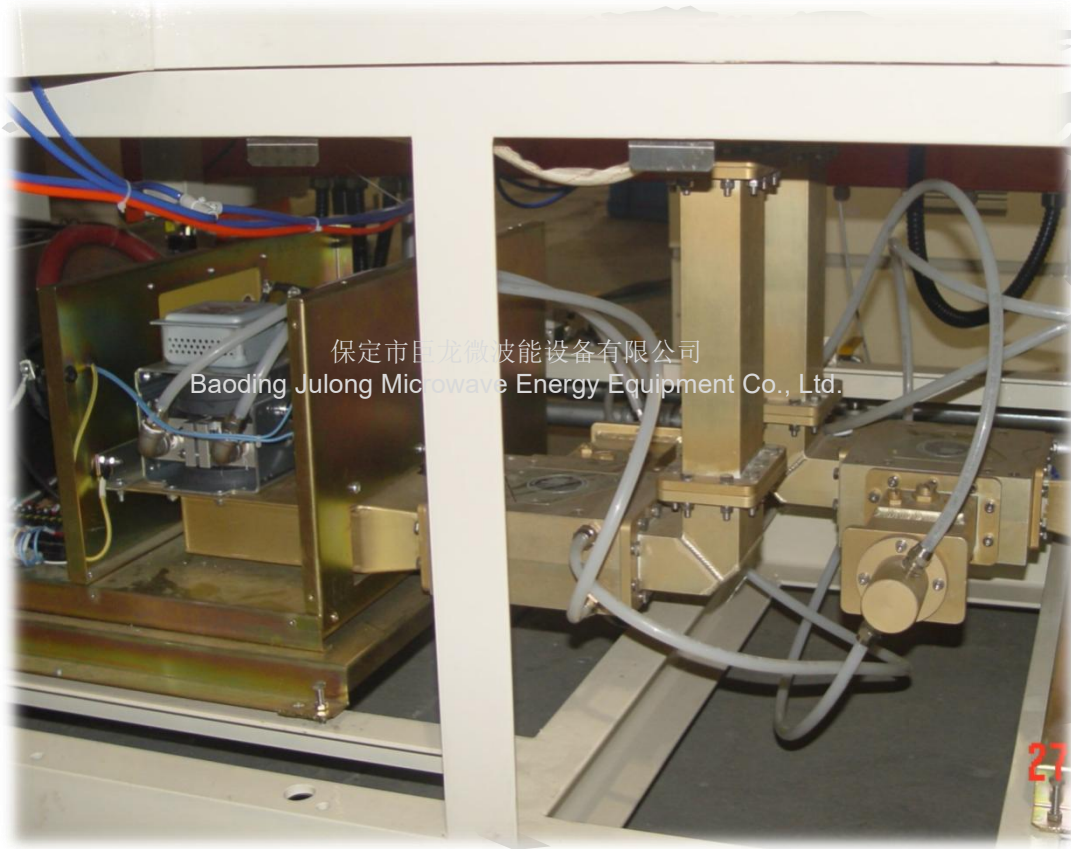
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燃气供给系统
Gas supply system



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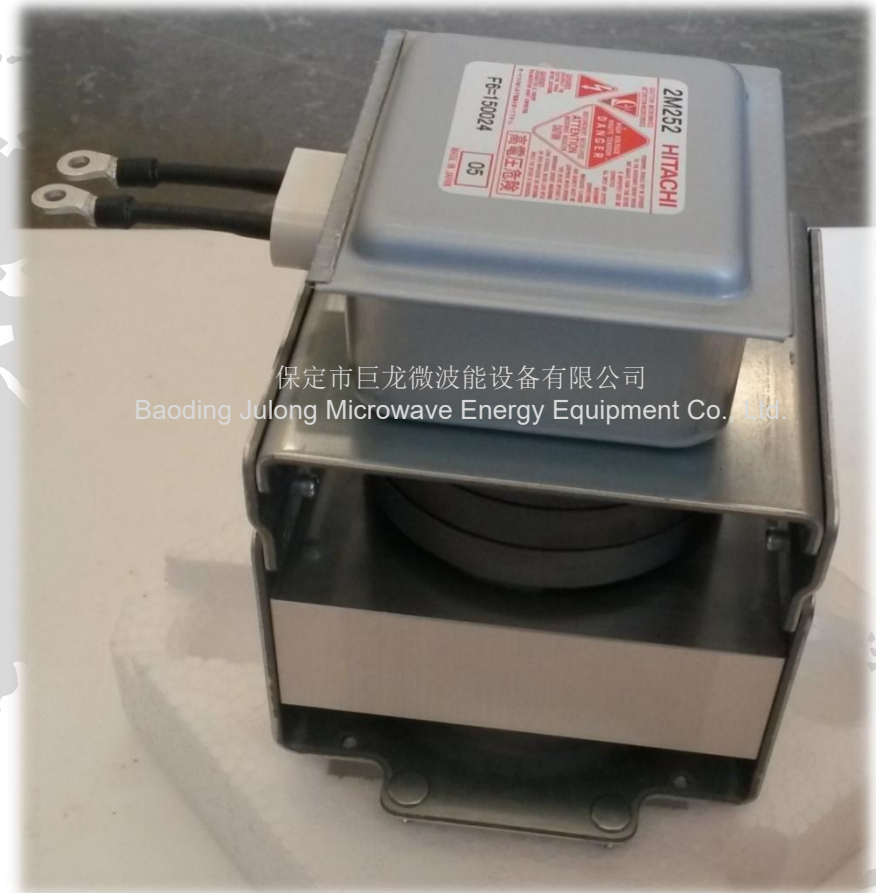
火焰观察窗
Flame inspection window



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微波发振箱及隔离器

M/W vibration box and isolator



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磁控管

Magnetron

热风硫化设备（有效16m）/HOT AIR OVEN (Effective length 16m)



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冷却水槽/WATER COOLING BATH



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水浸式，内外槽结构，带保温，涡旋气泵吹干
Water immersion, inside and outside channel
structure, with insulation, vortex pump
blowing dry



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水浸+喷淋式，内外槽结构，气动开门
Water immersion + spray, inside and outside
channel structure, cylinder opening door.

牵引机 /PULLER



牵引机，变频调速

Puller, frequency control



牵引机，伺服电机，压紧力可调，速度、扭矩可调

Puller, servo motor, pressing force is adjustable, adjustable speed and torque

激光打码机/LASER MARKING MACHINE



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可**360**度旋转，带测速装置，自动跟踪生产线速度，带吸尘装置

360 degree rotation, with speed detection sensor, tracking line speed automatically, with dust collector .



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g Julong Microwave Energy Equipment Co., Ltd.

带测速装置，自动跟踪生产线速度，带吸尘装置
With speed detection sensor, tracking line speed automatically, with dust collector .

芯材折断机/BREAKING-OFF MACHINE



用于复合橡胶条中芯材的折断，安全可靠，便于操作。
Used for breaking off metal strip of compound rubber strip.
Structural features: Safe and reliable, easy operation.



1组动力辊折断，变频调速
One group of driving breaking-off roller,
frequency control

芯材折断机/BREAKING-OFF MACHINE



13组动力辊折断，根据芯材不同选择使用折断轴个数

13 groups of driving breaking-off roller, quantity of breaking shaft depends on different carrier.

打孔机/DRILLING MACHINE



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间歇式打孔，自动跟踪生产线速度，可适应3-30m/min的生产线速度。

Intermittent type . Automatically follow production line speed, adapt to line speed of 3-30m/min.

成形机/FORMING MACHINE



1组立轮+2组工装轮+1组校正轮成形；由四台电机驱动，四组速度同步控制。

Forming wheel: 1 group of vertical wheel, 2 groups of horizontal wheel, 1 group of correcting wheel, driven by 4 motors, speed of the 4 groups is controlled synchronously.



1组立轮+2组水平轮成形，水平牵引；由四台电机驱动，速度同步控制。

Forming wheel: 1 group of vertical wheel, 2 groups of horizontal wheel, horizontally pulling, drive by 4 motors, speed is controlled synchronously.

裁断机/CUTTING MACHINE



同时装载多组裁断机构，软/硬裁断兼用，通过收料台自动收集，操作方式为触摸屏操作。
Installed with several sets of cutting device, cutting profile with or without carrier, collecting profiles automatically via collection table; operated on touch screen.

裁断机/CUTTING MACHINE



随动裁断机，冲切，用于TPV生产线

Follow-up cutting machine, punching, used for TPV line



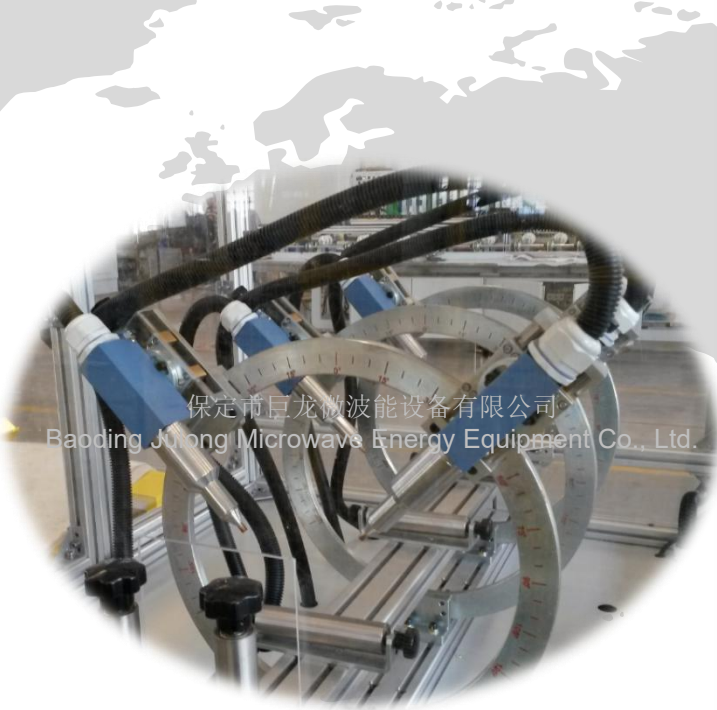
间歇式裁断机，锯切/冲切两用，气缸驱动冲切裁断机构、变频电机驱动锯切结构。下翻式卸料，平台式收料台
Intermittent cutting machine, both saw cutting and punching cutting are ok; cylinder drives punching cutting mechanism, variable frequency motor drives saw cutting; overturning unloading, platform type collection table.

打磨机/GRINDER



四组打磨轮，打磨轮角度可调带吸尘装置

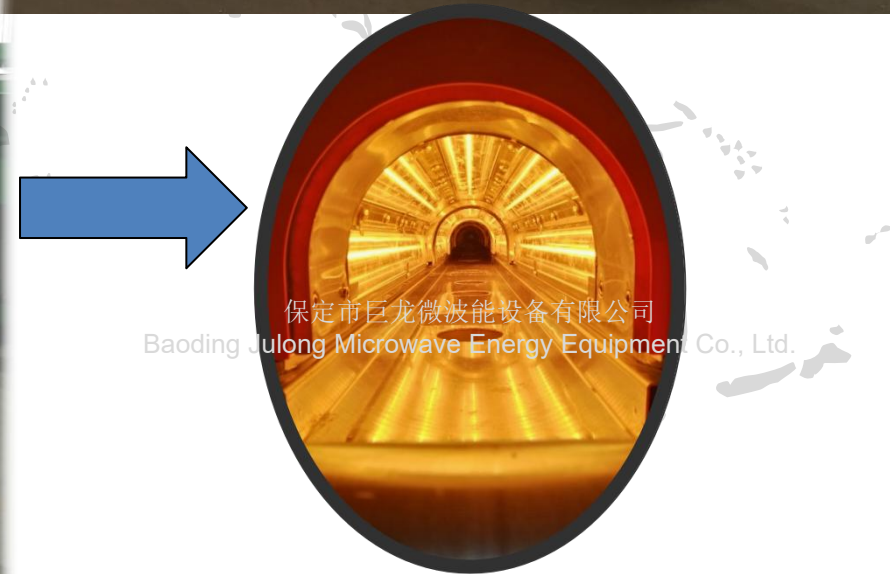
Four groups of grinding wheel, the angle is adjustable, equipped with dust collector.



低温等离子表面处理设备，可配4套、6套或8套等离子炬，带防护罩，配风机接口

Low temperature plasma surface treatment equipment, with four, six or eight sets of plasma jets, with protection cover, with fan interface.

固化炉/干燥炉/DRYING OVEN



固化炉/干燥炉/DRYING OVEN



双层固化炉，电加热，气缸上下开门，
上层带冷却水槽

Two layers of drying oven, electric heating, air
cylinder opens door, upper layer is with water
cooling bath.



固化炉/干燥炉/DRYING OVEN

下层为**16米**热风加热箱，上层为输送部分，上层输送速度为光电调节。用于厂房内生产线之间胶条折返。

Lower layer is 16m hot air heating channel, upper layer is conveying part and conveying speed is photoelectric control, used for profile turning back between production lines in plant.



固化炉/干燥炉/DRYING OVEN



德国进口陶瓷辐射器加热，出口方向设挥发物排风口
Heated by imported ceramic radiator from Germany, smoke exhausted port at the outlet

清绒设备/FLOCK CLEANING MACHINE

清绒方式毛刷加恒温水冲刷，出口带空气吹干

Cleaning method: brush and thermostatic water washing, air drying at outlet.



清绒方式：三对毛刷刷绒
Cleaning method: three pairs of brushes brushing.

喷涂箱/COATING CHAMBER



开放式喷涂，小喷枪节省涂料，喷涂均匀
Opening type coating, small spray gun helps saving coating material, coating evenly.



上下推拉门结构，上部进风下部排风，带搅拌罐
Up and down sliding door, upper part air inlet, lower part air outlet, with agitator.

喷涂箱/COATING CHAMBER



水幕式喷涂箱
Water curtain type coating chamber



喷涂固化炉/COATING&DRYING CHAMBER



旋转式喷涂固化炉，变频调速；红外辐射器加热

Catenary type coating and drying chamber, frequency control; infrared radiation heating.

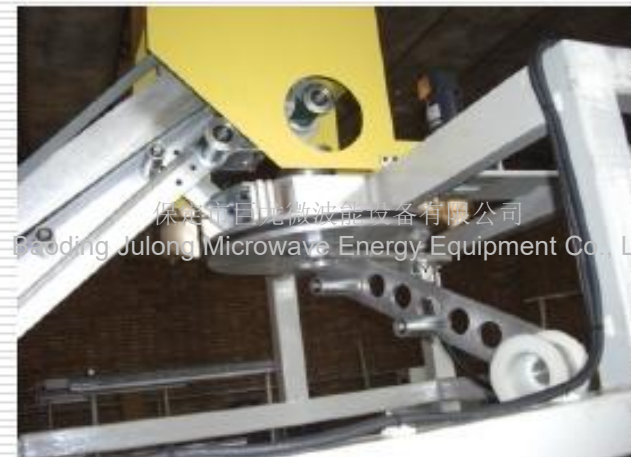
喷涂固化炉/COATING&DRYING CHAMBER

热风加热，带式输送，槽内温度连续可调
Hot air heating, belt transmission;
temperature in channel: continuously
adjustable.



牵引带牵引胶条，通过摆臂
旋转自动收卷，摆臂转速周
期变化

**Pulling belt pulling
profile, winding profile
automatically by swing
arm. RPM of swing arm
changes periodically.**



收卷机/WINDER

肘式摆臂收卷，摆臂驱动电机，变频调速，光电架高、中、底3档速控制，可单独设定

Ancon swing arm winding, swing arm drives motor, frequency control, photoelectricity frame controls speed: high speed, middle speed and low speed; individual setting.



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