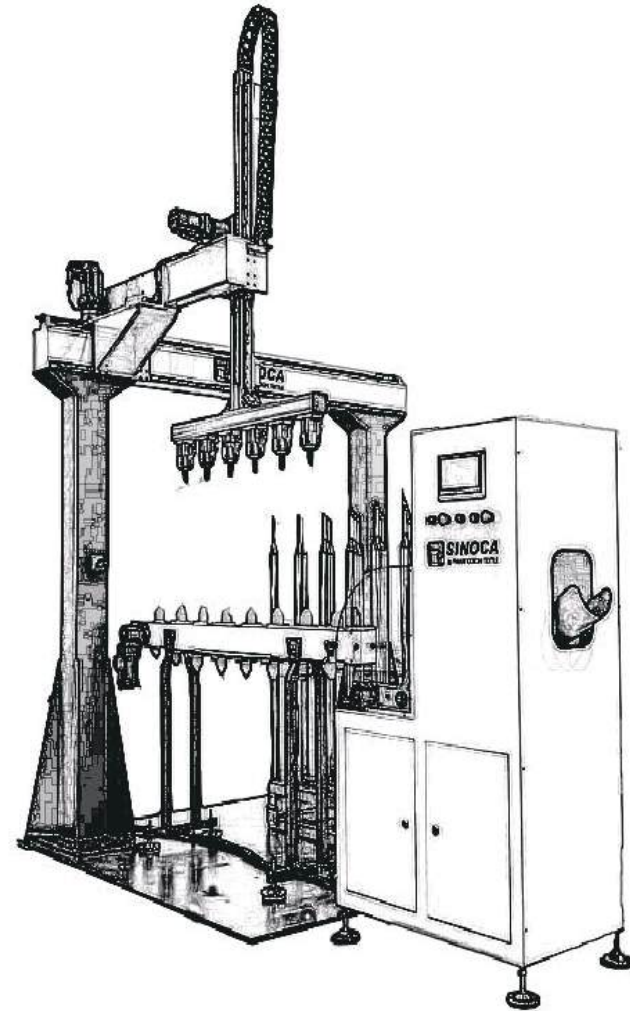


E1 & P1

Package Edge pressing and Palletizing system

在线筒纱压角和码垛系统



SINOCA
by TMART CORGHI TEXTILE

技术特点 Characteristics

在线连接松式络筒机的传送带，实现松筒、压角、码垛在线一次完成，实现全自动流程。

Connected with Conveyor belt of soft winding machine, realizing soft winding, edge pressing and palletizing online one time completing automation process.

自动码垛 Automatic Palletizing

自动码垛为一套单梁悬臂机械手，服务于1-2台松式络筒机。当一条中转传送带完成一个横列的摆放后，PLC给出信号，码垛机械手自行运转到位下降整排抓取筒纱，然后提升运转到对应的中转纱架进行整排摆放。循环往复直至一个中转纱架摆放完成。

Automatic palletizing is a set of single beam cantilever robotic arms, serving 1-2 soft winding machines. When a media conveyor belt completes a horizontal arrangement, the PLC sends a signal, the palletizing robot operates in place by itself, picking up the entire row and deliver the entire row on the corresponding July carrier. Cycle back and forth until the July carrier placement is complete.

中转传送带 Media Conveyor Belt

在压角机和码垛之间配置中专传送带，每完成一个筒纱压角，下压碗旋转到出口位置，抓取机械手将筒纱放置在中转传动带入口，并根据大小头传感器的指令，按照大头在下的规则摆放。

A media conveyor belt in between edge pressing and palletizing, as soon as one complete line loaded on the conveyor, the PLC will inform the robot of palletizing coming and pick them up.

压角机 Edge pressing Configuration

入口配备红外传感器、压角气缸、压碗、机械手大小头传感器、转角气缸及气动抓取机。

Package sensor at inlet, pressing air cylinder, sensor to realize small or big head of tube, turning air cylinder and pick up robot

智能人机界面 Intelligent HMI

6英寸彩色触摸屏，工艺参数独立设定、工艺储存。

6 inch color touch panel, process parameter set up individually, recipe storage and control two edge pressing and one palletizing system



技术参数

控制柜	工业触摸屏、主开关、24V 电源、变压器、气动控制、通讯控制
筒纱类型	平行或锥形
纱管类型	平行管和锥形管
悬臂机械手运行速度	机械速度 1 米/秒，工作速度根据现场情况调节
服务于	1 或 2 台松筒机
最大筒纱直径	290 毫米
适合品种和纱支	任何品种
压角机装机功率	350 瓦
中转传送带功率	100 瓦
码垛机功率	180 瓦
压角机重量	260 公斤
中转传送带重量	65 公斤
码垛机重量	830 公斤
电压和频率	220V 50Hz, 2 相
压缩空气压力	最小 6 公斤

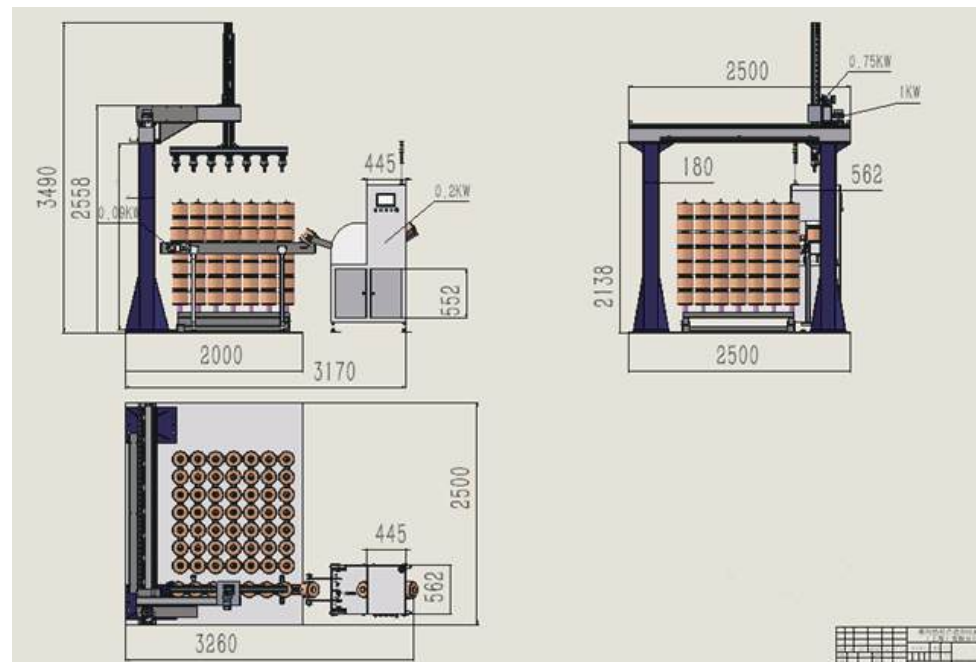
Specification

Control Cabinet	Industry touch panel, main switch, 24V power supply, Transformer, communication circuit
Type of package	cylindrical or conical
Type of winding tube	cylindrical or conical
Max Speed of palletizing robot	Mechanical speed 1 m/sec Working speed is variable according to the real working condition
serve to	1 or 2 soft winding machines
Max diameter. of package	290 mm
Suitable to	Any kinds of spun yarn or filament
Install power of E1	350 Walt
Install power of Media conveyor belt	100 Walt
Install power of P1	180 Walt
Weight of E1	260 kg



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外形尺寸 Dimensions





型号选择 Model

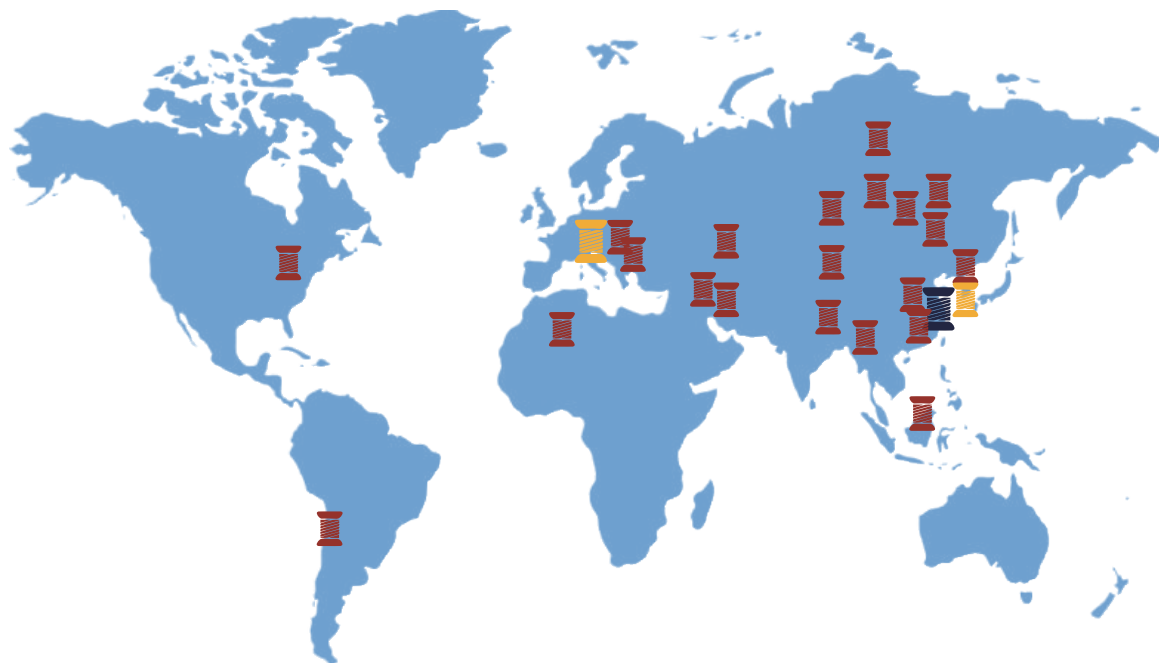
*D1 & D1 plus型	自动换管导纱钩精密络筒机
*H1型	导纱钩精密绞纱络筒机
*BR SOFT plus型	自动换管槽筒松式络筒机
*D1/AS型	精密导纱沟三线或两线并纱机
*BR/RW型	槽筒紧式络筒机
*T1型	在线称重贴标机
*E1型	在线压角机
*P1型	在线码垛机

可以提供导纱钩6、8、10英寸机型，及地毯纱专用绞纱络筒机、筒纱络筒机

*D1 & D1 plus	Yarn guide precision winder with auto doffing
*H1	Yarn guide precision hank to cone winder
*BR SOFT plus	Intelligent Auto Doffing Soft Winder
*D1/AS	Fork shifting precision doubling or tripling machine
*BR/RW	Grooved drum re-winding machine
*T1	Online weighing and labelling machine
*E1	On-line edge pressing machine
*P1	Automatic palletizing machine

Yarn guide are available for 6, 8 and 10 inches models, and special hank to cone and cone to cone winder for carpet yarn

全球客户 Worldwide



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