



## LSX旋转式冷却输送机 LSX Rotating Cooling Conveyor

旋转冷却输送机是专为解决胶坯粘连、变形而设计的预成型机配套辅机。该机与胶料接触部位均采用不锈钢材料。机器的特点是占地面积小，冷却距离长，胶坯冷却、干燥效果突出。对轴承密封件、油封、O形圈及片状等坯料的效果更加突出。小重量的坯料可直接采用风冷。重量较大或热量较大的坯料，还可通过外接水箱进行循环水冷却，强化坯料冷却效果。

Rotating cooling conveyor is an auxiliary machine of the Precision Preformer to avoid stickiness and deformation of the rubber blanks. The part of the machine which directly contact is made of stainless steel. The feature of the machine is that it covers little area with long cooling distance and that it is prominent in cooling and drying rubber blanks, especially for bearing seals, oil seals, O-rings, rubber flakes and so on. Rubber blanks of small weight can be directly cooled down by wind. Weightier and hotter rubber blanks can be cooled by cycling water from external water tank, to intensify the cooling effect of rubber blanks.



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LSX Rotating Cooling Conveyor

## LSX旋转冷却输送机技术参数 LSX Rotating Cooling Conveyor Technical Parameter



项目名称 / 规格型号	LSX800	LSX950	LSX1150
Item/ model			
旋转槽直径 (mm)	800	950	1150
Groove Diameter			
旋转槽宽度 (mm)	200	200	210
Groove Width			
旋转槽高度 (mm)	1500	1500	1800
Groove Height			
物料运行距离 (mm)	28000	35000	44000
Mean Distance Travel			
螺旋节距 (mm)	100	100	120
Helical pitch			
进料口宽度 mm	650	650	650
Feeding Width			
进料口高度 (mm)	320	320	320
Height of Inlet			
输送速度 m/min	6-8	6-8	6-8
Conveying speed			
电动机功率 W	750×2	750×2	1100×2
Motor Power			
外形尺寸 (m)	1.4×2.0×2.5	1.6×2.2×2.5	1.8×2.4×2.7
(长×宽×高)			
Overall Dimension (L×W×H)			

## LSS-Q800清理&自动称量水冷式冷却输送机 LSS-Q800 Clean-up & Auto-weighing Water Cooling Conveyor

LSS-Q800清理&自动称量水冷式冷却输送机是精密预成型机配套使用的胶料后段冷却，输送，吹干及称重分箱装置。精密预成型机切下的胶料经过LSS-Q800冷却输送机浸水，输送，吹干后由横向皮带输送机送入物料箱。当物料箱内胶料达到设定的重量后，横向皮带输送机停止运行，自动推箱器将满箱的物料自动换成空箱，横向皮带输送机再次运行，达到自动称重，自动分箱，自动换箱功能。同时，满箱的物料箱被自动输送到辊筒输送线上，由操作人员处理。浸水输送装置可使胶料冷却并防止胶料碎屑相互污染。水箱内有余料箱，方便取出清理。当冷却输送机上无胶料时，空运行5分钟后，即自动停机。

LSS-Q800 clean-up & auto-weighing water cooling conveyor is a downstream machine of precision preformer which is to cool, convey, dry, weigh and sort rubber compounds into charging-basket. Rubber compounds cut by precision preformer can be sorted into charging-baskets after dipped into water, conveyed, dried then delivered by cross belt conveyor. When the rubber compounds reach the set weight, the cross belt conveyor will stop running, the basket-pushed device will change this full charging-basket with an empty one automatically, and cross belt conveyor will run again to fulfill the functions of auto-weighing, automatic basket-sorting and automatic basket-changing. Meanwhile, full charging basket will be delivered to roller conveying line, and then operating personnel can deal with it. Water-dipping device facilitates to cool down the rubber compound and to avoid polluted by kinds of rubber chippings mutually. There is a charging-basket for remaining compounds which is easy to take out and clean up. When there is no rubber compound on the cooling conveyor, it will stop after 5 minutes' automatic dry run.

### 技术参数:

1. 浸水输送带速度: 4~8米/分钟(无级调速) 输送长度: 1.5米
2. 斜面输送带速度: 3~6米/分钟(无级调速) 输送长度: 3.0米
3. 水平输送带速度: 1.5~3米/分钟(无级调速) 输送长度: 4.0米
4. 采用 $\delta=1.5$ mm不锈钢网带输送, 带宽: 300毫米
5. 料箱内胶料称重范围: 10~20千克/箱(可设定) 超出范围可定制
6. 整机联成后最大外形尺寸(长\*宽\*高): 9\*2.4\*2.1米
7. 重量: 1.0 吨
8. 选用配套料箱尺寸: 料箱底部长\*宽:(500~600)\*(400~460)毫米  
料箱高度: 150~170毫米  
可根据料箱外形尺寸定制称重换箱装置。

### Technical Parameters:

1. Water-dipping conveying net belt speed: 4~8m/min (infinite speed regulation)  
Conveying length: 1.5m
2. Slope conveying net belt speed: 3~6m/min (infinite speed regulation)  
Conveying length: 3.0m
3. Horizontal conveying net belt speed: 1.5~3m/min (infinite speed regulation)  
Conveying length: 4.0m
4.  $\delta=1.5$ mm stainless steel net belt, belt width: 300mm
5. Weight range for rubber compounds in charging-basket:  
10~20kgs/basket (adjustable) customized accordingly if outside this range
6. Whole unit Max. Overall dimension (L\*W\*H) 9\*2.4\*2.1m
7. Weight: 1.0 T
8. Charging-basket dimension (affiliated):  
Charging-basket base: L\*W (500~600)\*(400~460)mm  
Charging-basket Height: 150~170mm  
Automatic basket-changing device will be customized as per charging-basket external dimension.

### 主要配置:

程序控制采用三菱(MISUBISHI)PLC, 光电传感器采用欧姆龙(OMRON), 断路器采用法国施耐德(Schneider), 交流接触器采用德国西门子(SIEMENS), 变频器采用三菱(MISUBISHI)。  
Mainframe Configuration:  
Program control system adopts MISUBISHI PLC, OMRON Photoelectric Sensors, Schneider breaker, SIEMENS AC Contactor, MISUBISHI Frequency Converter.

