

COOLING CONVEYER

Water cooling conveyor is a specifically designed auxiliary machine to avoid the sticking of hot rubber blanks that produced on a precision preformer. After cooling down with cooling water or cooling solution and forcible cooling wind, the rubber blanks will not become deformed and more table. The feature of the machine is the running speed can be adjusted by the horizontal stainless-steel net belt during the whole process, to go with all the cutting speeds of precision preformer.

TRT-WC-650 Water Cooling Conveyor



Product Features



Precision Preformer & Water Cooling Conveyor

TECHNICAL PARAMETER

TRT-WC-650 Water Cooling Conveyor

Items	Unit	TRT-WC-650
Sloping conveyor(stainless steel material)		
Water tank dimension	mm	2000×760×300
Distance of blank conveying (in water)	mm	1300
Slope conveying width	mm	450
Slope conveying speed	m/min	7.6
Slope cooling air volume	m ³ /h	3720
Horizontal conveyor		
Horizontal conveying width	mm	450
Horizontal conveying speed (adjustable)	m/min	3.1~6.2
Layers		3
Horizontal cooling air volume	m ³ /h	29040
Total power	kW	2.6
External dimension	mm	6100×750×1840
Weight	kg	1200



COOLING & CUTTING CONVEYER

TRT-VC-1050 Vibra Cooling Conveyor



Product Features

Vibra Cooling Conveyor is a specifically designed auxiliary machine to avoid the sticking of hot rubber blanks that produced on a precision performer. It is space-saving, the part directly contact with rubber blanks is stainless steel to prevent contamination. Rubber blanks travel through vibratory way to prevent the stickiness and deformation effectively. It is with long cooling distance at 35 meter, the max. cooling distance up to 50 meter. The cooling process can be strengthened by air or spraying water. For small rubber blanks, can use the air cooling with cover; for the heavy weight and much hot rubber blanks, can use circulation water connected with external reservoir to spray water. Especially with prominent cooling effect for FKM, NBR, CR, EPDM, pelleting, bearing seals, oil seals and O-rings etc.

TECHNICAL PARAMETER

Items	Unit	TRT-VC-1050
Vibration groove diameter	mm	1050
Vibration Groove width	mm	245
Vibration groove height	mm	1600
Material running distance	mm	35000
Helical pitch	mm	110
Width of inlet	mm	650
Height of inlet (Off the ground)	mm	300
Width of outlet	mm	220
Height of outlet (Off the ground)	mm	1650
Conveying Speed (adjustable)	m/min	6~18
Power for vibration motors	kW	0.75*2
Power for cooling fan	kW	3.7
Power for water pump		0.37
Total power	kW	5.6
External Dimension (LxWxH)	m	2800x1400x2700
Weight	kg	1200

Optional:

- Air chiller: chilled air cooling
- surrounded by a cover



Precision Preformer & Vibra Cooling Conveyor



Length-fixing Cutting Conveyor

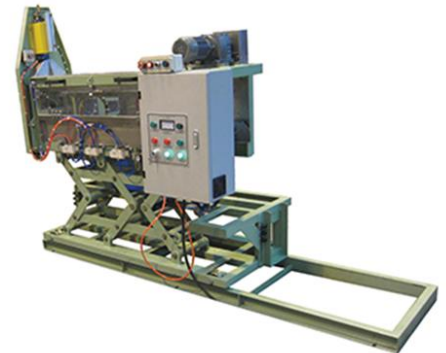
Product Features

Application:

Ancillary for ram rubber strainer, to cut silicone or lower hardness rubber strips with fixed length after screening through ram rubber strainer.

TECHNICAL PARAMETER

Item	Unit	TRT-FC-500
Conveying width	mm	500
Conveying speed	m/min	5.5~11
Distance between conveying plane and ground	mm	800~900 (Adjustable)
Pneumatic cutting stroke	mm	160
Pneumatic cutting width	mm	160
Pneumatic pressure	MPa	0.5~0.8
Total power	kW	0.37
External dimension (LxWxH)	mm	2800*1000*1850
Total weight	kg	300



COOLING CONVEYER



Clean-up & Auto-weighing Water Cooling Conveyor

Product Features

TRT-AWC-800 clean-up & auto-weighing water cooling conveyor is a specifically designed auxiliary machine to avoid the sticking of hot rubber blanks that produced on a precision performer, which used for cooling, conveying, drying, weighing and sorting rubber compounds into charging-basket. Rubber blanks cut by precision preformer can be sorted into charging-baskets after dipping into water, conveying, drying then delivered by cross belt conveyer. When the rubber compounds reach the set weight, the cross-belt conveyer will stop running, the basket-pushed device will change this full charging-basket with an empty one automatically, and cross belt conveyer 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 blanks 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.

TECHNICAL PARAMETER

TRT-AWC-800 Clean-up & Auto-weighing
Water Cooling Conveyor

Items	Unit	TRT-AWC-800 (LSS-Q-800)
Water-dipping conveying speed	m/min	4-8
Conveying length	mm	1500
Slope conveyor belt speed	m/min	3-6
Slope cooling air volume	m ³ /h	3720
Horizontal conveyor		
Horizontal conveying width	mm	450
Horizontal conveying speed (adjustable)	m/min	3.1~6.2
Layers		3
Horizontal cooling air volume	m ³ /h	29040
Total power	kW	2.6
External dimension	mm	6100×750×1840
Weight	kg	1200



Lifting Device

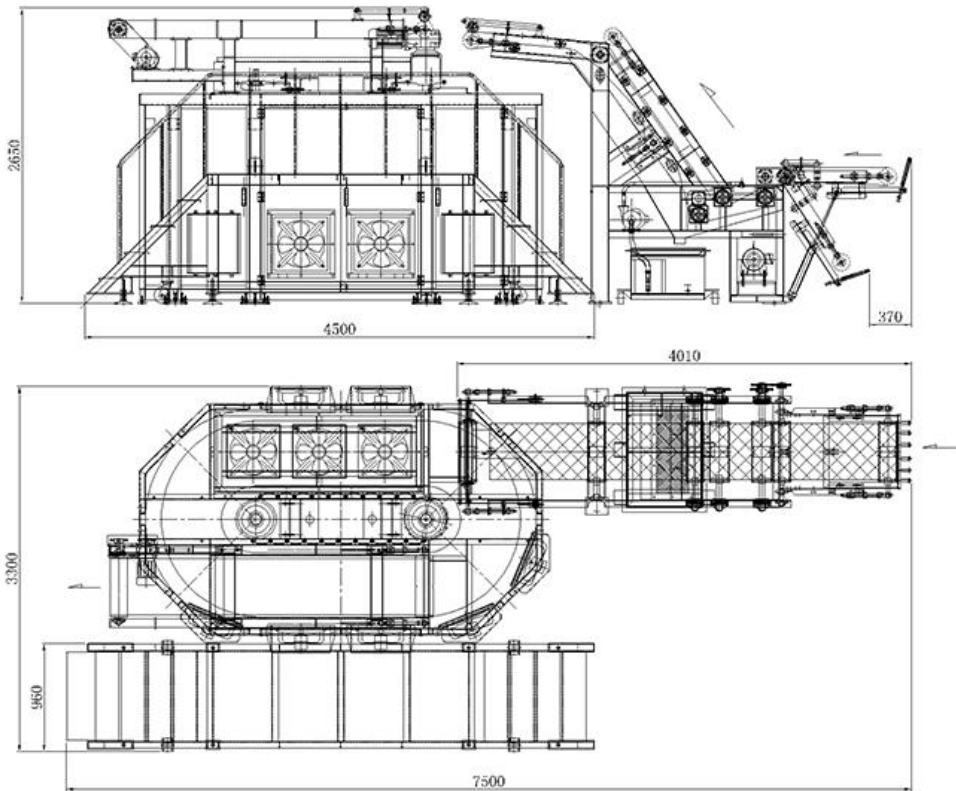


Automatic Weighing Device

1. Water-dipping conveying net belt speed: 4-8 m/min Conveying length : 1500mm
 2. Slope conveying net belt speed: 3-6m/min (infinite speed regulation) Conveying length: 3000mm
 3. Horizontal conveying net belt speed: 1.5-3m/min (infinite speed regulation) Conveying length: 4000mm
 4. &=1.5mm 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. Overall dimension (L*W*H) 9000*2400*2100mm
 7. Weight: 2000kgs
 8. Select matching charging-basket dimension: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.



HANGING COOLING LINE FOR RUBBER SHEET



Application:

Ancillary for ram rubber strainer, to cut silicone or lower hardness rubber strips with fixed length after screening through ram rubber strainer.

TECHNICAL PARAMETER

Item	Unit	LPX450
Applicable rubber sheet specification	mm	<=450
Receiving conveyor belt speed	m/min	15~46
Number of hanging rods	pc	28
Max. hanging height for rubber sheet	mm	1500
Cooling wind fan power	kW	0.37kW×10
Max. power (3 phase)	kW	10
Soaking conveyor motor power	kW	2.2
Soaking water pump power	kW	0.75
Mixing motor power	kW	0.4
Hanging motor power	kW	2.2
External dimension (L×W×H)	mm	7500×3300×2650
Total weight	kg	3500

