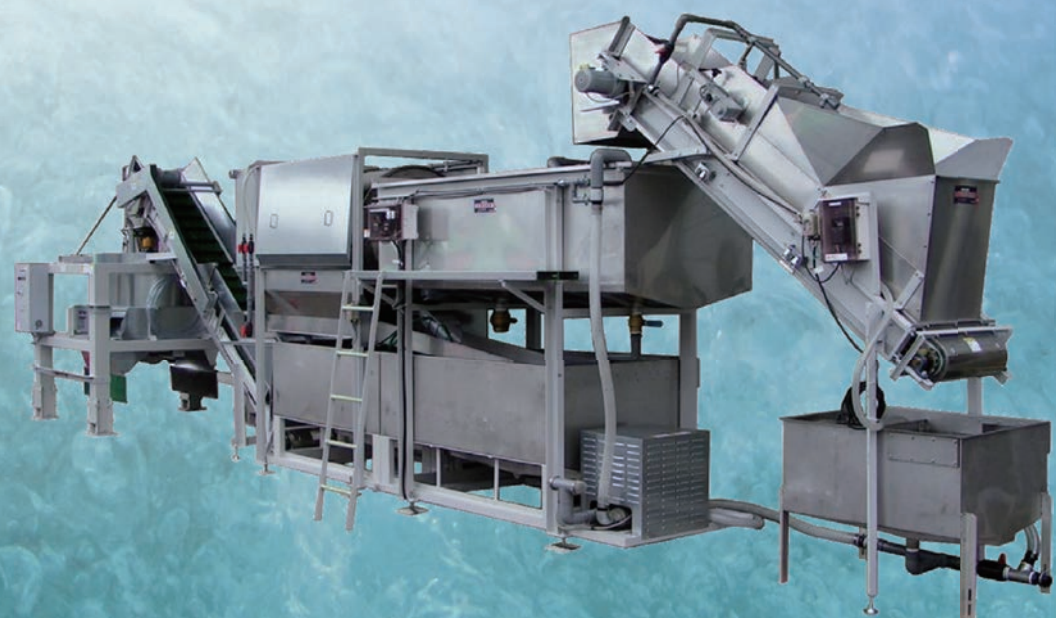
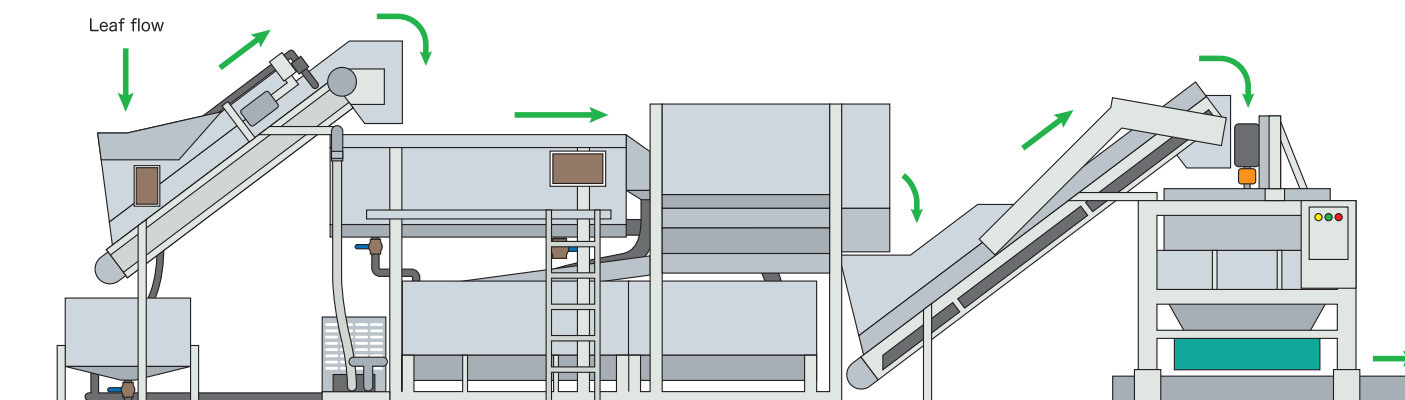


生葉洗淨脱水装置

FRESH LEAF WASHING AND SPIN DRYER DEVICE



Recommended line structure



- ① Washing net conveyor ② Fresh leaf washing machine ③ Spin dryer supply conveyor ④ Spin dryer

※ Since several spin dryers required for more than 1200k line structure, requires distributing conveyor & controlling device.

■ Specifications

Washing net conveyor

Type	Length	Width	Height	Belt power	Pump	Correspondent	Remarks
	mm	mm	mm	kW	kW		
SNC-6	3,130	1,160	1,380	0.2	0.4	For 800~1600k line	With resin mesh belt, chain guide method, water tank for circulation

Fresh leaf washing machine

Type	Length	Width	Height	Power				Water amount	Water tank volume (Washing tank + bottom water tank)	Processing capacity
				Bubbling device	Blower	Water flowing pump	Drum			
	mm	mm	mm	kW	kW	kW	kW	L/min	L	kg/h
STS-800	4,590	1,700	2,450	0.2	5.5	0.75	0.4	50	3,400	600~800
STS-1200	6,290	1,700	2,450	0.2	6.3	1.5	0.4	75	4,600	1,000~1,200
STS-1600	8,590	1,700	2,450	0.2	11.0	1.5	0.4 x 2	100	6,900	1,200~1,600

Spin dryer supply conveyor

Type	Length	Width	Height	Power	Correspondent	Remarks
	mm	mm	mm	kW		
DNT-5	4,140	860	1,490	0.4	For 800k line	Resin mesh belt, Chain guide method
DNT-6	4,820	960	1,490	0.4	For 1200k line	
DNT-7	5,820	960	1,490	0.75、0.1	For 1600k line	
BD5-16STD	2,200	780	490	0.2	For 1200/1600k line	Belt width 500mm, Forward/reverse driving, with sink plate, stand
BD5-31STD	4,000	780	490	0.2	For 1600k line	

Spin dryer

Type	Length	Width	Height	Power	Leaf input amount	Resin mesh belt, Chain guide method
	mm	mm	mm	kW	kg/time	
STD-800	1,800	1,800	2,500	2.2	9~13	Additional air compressor is required.

※Part of the specifications might be changed for improvement.

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● Sales agent





# Fresh leaf washing & spin dryer device 800/1200/1600k line

Demonstrate power with shower washing + dipping/jet/bubbling!

## Features

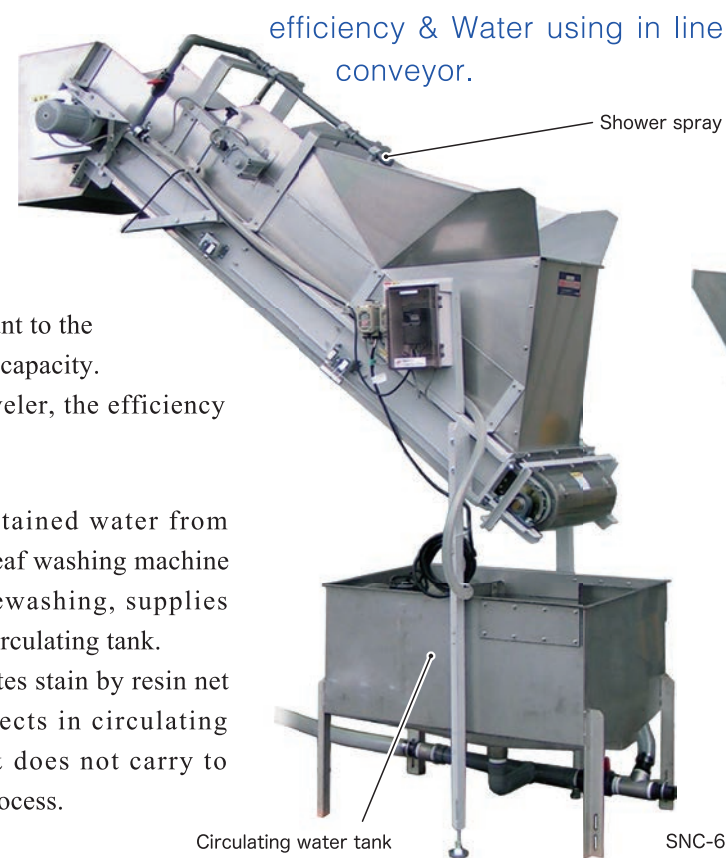
- ☆ From prewashing with shower dipping/jet/bubbling wash, & after finishing wash with shower, & according to draining, implied proper leaf washing & drying.
- ☆ Prevents sticking again the stain & saves water with the two tank structure, upper (Clean water flow) Bottom (Precipitation tank).
- ☆ Cleaning is easy since inside tank is flat structure.
- ☆ Flows comparatively clean water used in finishing shower to bottom tank & adds to washing tank. Water using in washing tank filters in bottom tank & water saving according to draining from unclean water.
- ☆ Leads to improve latter part washing efficiency & Water using in line conveyor can be saved by prewashing on net

## 1 Washing net conveyor

- It is a transporting conveyor to input fixed amount to the leaf washing machine according to next process capacity.
- By prewashing using shower spray around leveler, the efficiency after that can be raised significantly.

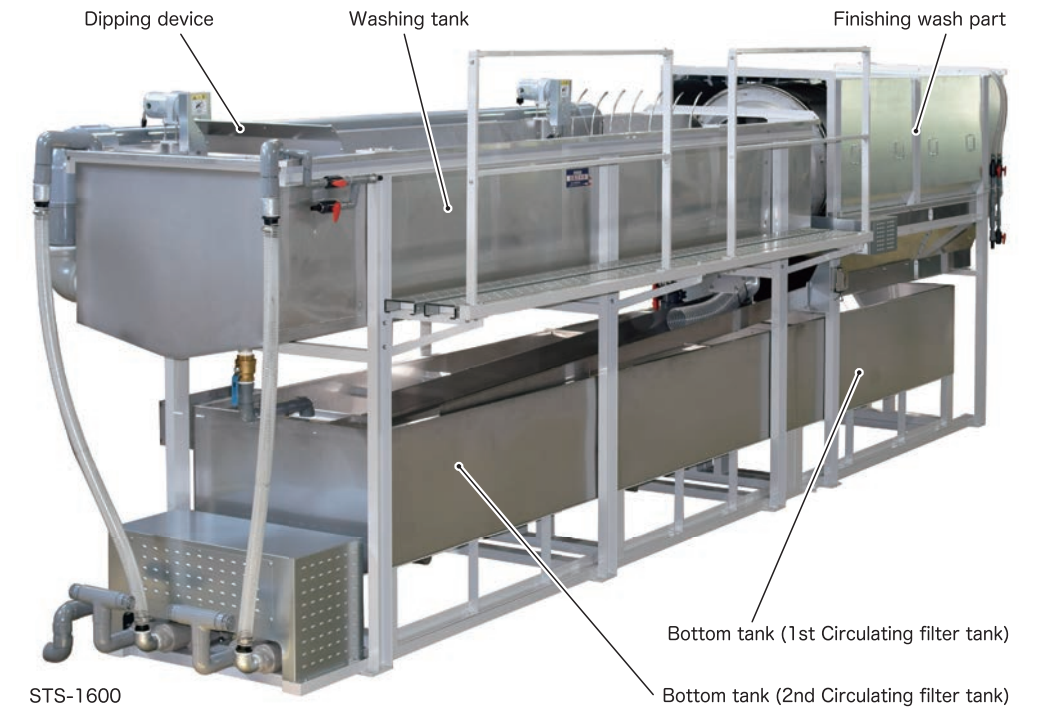


- Uses stained water from fresh leaf washing machine for prewashing, supplies from circulating tank.
- Separates stain by resin net & collects in circulating tank & does not carry to next process.



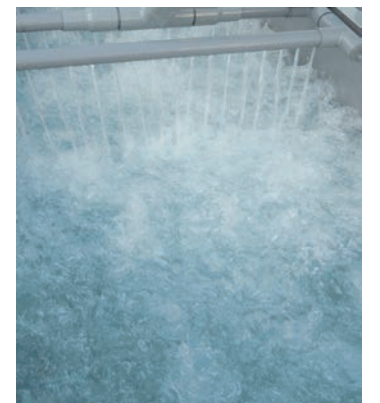
## 2 Fresh leaf washing machine

- Leaves sent into the water by powerful water flow & sinks the floating leaves with the dipping device & flows by bubbling & washes the leaves without damaging.
- Leaves washed in washing tank moves to finishing wash part.
- Finishing wash part separates unclean water came from washing tank & leaves & washes with high pressure shower inside net drum with clean water.



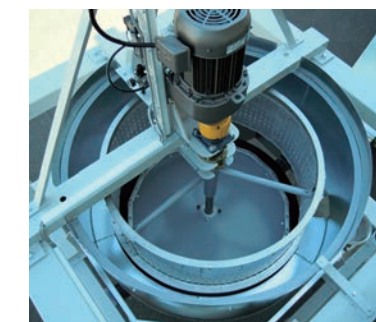
## 3 Spin dryer supply conveyor

- Sends fixed amount of washed leaves which contains water to spin dryer while draining with resin net conveyor.
- Separates unclean water along with stain in bottom tank, water saving type which filters & drains from unclean.



## 4 Spin dryer

- Shortened inputting / discharging time by Terada original structure of input leaves from top & discharges from bottom.
- Removes washed leaves' water by high speed centrifugation.
- Since separated water drains without returning to conveying path, water will not be carried to next process.



## 1 Washing net conveyor

## 2 Fresh leaf washing/spin dryer device basic line structure (Reference example : 800k line)

## 3 Spin dryer supply conveyor

## 4 Spin dryer

