

Jet air cleaning machine

TERADA

New fresh leaf cleaning equipment which doesn't use water.



Features

- New fresh leaf cleaning equipment using high speed air blowing + sucking, which doesn't use water.
- High speed air is blown to a rotating drum by two large turbo fans and removes "foreign materials" in leaf surface.
- Removed foreign material will be discharged from bottom of the machine or sucked, so it won't be stick again to the fresh leaves. Sucked foreign material can be collected using cyclone, environment can be kept clean. (*1)
- Rotating drum, number of rotations, angle can be changed and drum stopping time & amount can be adjusted.
- Foreign materials like, volcanic ash, sand dust, insects, chopped leaves etc. (*2)

*1 Too small things & too light things cannot be separated by cyclone.

*2 Larger things than rotating drum net mesh size and adhesive things cannot be removed.

[Research results] Ash removal rate was 86.2~95.3 when using fresh tea leaves with volcanic ash, confirmed in a cooperative test with tea research institute of Kumamoto agricultural research center.

Specifications

Type	Length mm	Width mm	Height mm	Power			Drum rotations rpm	Drum angle °	Capacity (1st harvesting leaves) kg/h
				Drum kW	Drum up & down kW	Fan kW			
JET-12	2,640	1,480	2,640	0.2	0.4	1.5x2, 2.2x1	15~48.6	0~8	~250

※This dimension is excluding cyclone. Control panel includes to full width.

※Part of the specifications might be changed for improvement.

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