

MC-06_VEGETABLE WASHER MC



OPTYTECH ENGINEERS

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VEGETABLE WASHER MC

APPLICATION

This is Continuous Type Vegetable Washer machine. Specifically use for wash vegetable to remove dust or clay and also for post Washing after pilling process. Raw Vegetable after screening feed in washer machine. Water is fully feed in tank with high pressure air bubbling and high pressure water circulation jet spray by means of turbine blower and pressure water pump. Raw vegetable cleans and move forward to belt elevator and lift to deposit in next process. Belt elevator has also separate water jet spray are provided. All dust, clay, stone is flow out with water through drain pipe.

This machine use for all vegetables.

TECHNICLE SPECIFICATION

SR	MODEL	CAPACITY	KW	SIZE
1	OTE- 1000	1000 KGHR	3.35 KW	2404 X 864 X 2500
2	OTE- 2000	2000 KGHR	4.8 KW	3404 X 1114 X 2500
3	OTE- 3000	3000 KGHR	4.8 KW	4200 X 1500 X 2750
4	OTE- 4000	4000 KGHR	7.5 KW	5200 X 1500 X 2750
5				

MOC DETAILS & FEATURE

SR	COMPONENT	MOC / BRAND DETAILS
1	Mc Structure	SS304 Plates 1.5/2/3 mm framed with Heavy Sq. pipe full welded.
2	Gear Drives & Motors	Rotomotive Brand - Planetary Geardrive - Worm Geardrive
3	Bearings	NTN / TR / TATA / FAG make only
4	Belt Elevator	SS slat type conveyor belt
		Drive with Heavy duty Geardrive - Rotomotive
5	Turbine blower	as par IS standard
6	Screen	SS304_leaseure cut
7	Water pump	SS304 with Tryclover joints
8	Water spray	make Spraytech - IS Standard
9	Electric motor	Siemens make
10	Finishing	Complete Structure SS glass bead blasted mate surface finish
		Belts is with Original SS mirror finish
11	Controls	Control panel Schneider make
FEATURES		
1	Operation	Continuous Operation - 24*7 Working
2	Handling	Adjustable Very pot for speed and feed parameters
3	Waste collection	Automated Waste close Screw conveyor for skin disposal
5	Control Automation	Integrated with central control panel Fully Automated

PREVENTIVE MANTANCE SCHDULE

1	DAILY	Waste Disposal_SOS
		Clean with Air every 12 hours
		Clean Drum screen everyday
2	BIOWEELY SCHDL	Clean with Air
		Clean Very pot Controll
		Open all doors and clean inside the machine
		Open Clove grader machine and clean all screen and hoppers
3	YEARLY SCHDL	Clean with Air
		Clean Very pot Controll
		Change Gear oil
		Clean Electric Motor - Geardrive and Very pot Controll
		Open Complete machine and Clean all parts
		Open Clove grader machine and clean all screen and hoppers

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