

## MC-14\_VEGETABLE SULPHITATOR MC

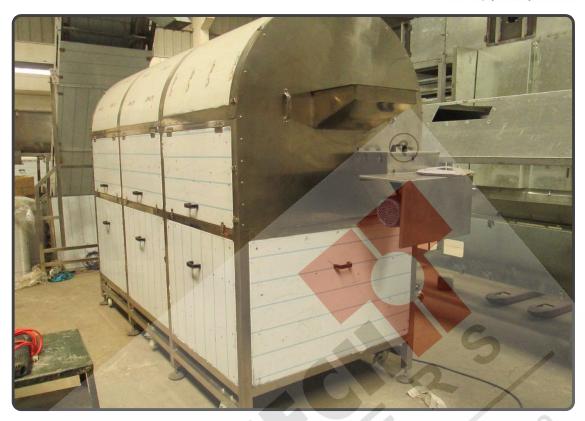


## **OPTYTECH ENGINEERS**

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## **APPLICATION**

This is Continuous Type Vegetable Sulphitation cum cooling drum machine. It consists fully SS304 fully insulated. Mostly root vegetables are need to Sulphitation after blanching process. Before drying because of high bacterial contains fug, fungal, impurities may destore the product can be preventing by blanching and Sulphitation process. Cute vegetables form blancher machine feed in Sulphitation drum where cool water near room temperature is continuously spray by high pressure pump and product get cool for one to one and half minute. Material supply to next Dewatering vibrator.

During Sulphitation process there is automation is provided to cool water spray, auto drain system and fresh water inlet. Control with PLC programmable panel.

TECHNICLE SPECIFICATION						
SR	MODEL	CAPACITY	KW	SIZE		
1	OTE- 1000	1000 KGHR		2657 X 900 X 2050 MM		
2	OTE- 2000	2000 KGHR		3657 X 1200 X 2200 MM		
3						
4						
5						



	MOC DETAILS & FEATURE				
SR	COMPONENT	MOC / BRAND DETAILS			
1	Mc Structure	SS304 Plates 1.5/2/3/4/5 mm framed with Heavy Sq, pipe full Tig welded.			
2	Gear Drives & Motors	Rotomotive Brand - Planetary Geardrive - Worm Geardrive			
3	Bearings	NTN / TR / TATA / FAG make only			
4	Cooler Drum	SS304 2 mm and drive with full bottom support roller			
5	Water Pump				
6	Hopper	SS304 Hopper			
7	Screen	SS304_leasure cut			
8	Finishing	Complete Structure SS glass beed blasted mate surface finish			
9	Controlls	Controll panel Schnider make			
		FEATURES			
1	Operation	Countineus Opearation - 24*7 Working			
2	Handling	Adustable 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			
		16,			
		9/13			
		× 8			
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		.4.			



	PREVENTIVE MANTANCE SCHDULE					
1	DAILY	Waste Disposal_SOS				
		Clean with Air every 12 hours				
		Clean Drum screen everyday				
		(2)				
2	BIOWEEKLY 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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		9.				



SPARE PART LIST ( EXCLUSION - EXTRA COST)							
SR	PART	SPECIFICATION	PRICE	NOS			
1	Planetary Geardrive			1 NOS			
2	WormGeardrive	(P)		1 NOS			
3	Bearing - UCP 210			2 NOS			
4	Screen			1 SET			
				(0)			
			45				
		7 8 /	16,				
		U / xe					
		C.Y.					



