

## MC-03\_VEGEABLE FLUID LIFTER CUM DESTONER MC



### **OPTYTECH ENGINEERS**

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**VEG FLUID LIFTER CUM DESTONER MC**

### APPLICATION

This machine is specifically use for root vegetables like potato, onion, carrot, ginger and turmeric...etc. such type of vegetables contain heavy dust and stone particles must be removed during the process. This machine is working with against gravity lift vegetables with water by means of screw flight, vegetables surface is rubbing and lift vertical separates dust and stones and flow outs with water to waste tank. During this process stone, dust is submerging in water and flow out with waste pipe and washed vegetables lifted and deposit to next machine.

This machine specially uses for root type of vegetables.

### TECHNICLE SPECIFICATION

SR	MODEL	CAPACITY	KW	SIZE SPACE
1	OTE- 1000	1000 KGHR	3.0 KW	1200 x 400 x 3000 MM
2	OTE- 2000	2000 KGHR	3.0 KW	1500 x 1200 x 3300 MM
3	OTE- 3000	3000 KGHR	4.2 KW	1500 x 1200 x 3500 MM
4	OTE- 4000	4000 KGHR	7.9 KW	1800 x 1500 x 5000 MM
5				

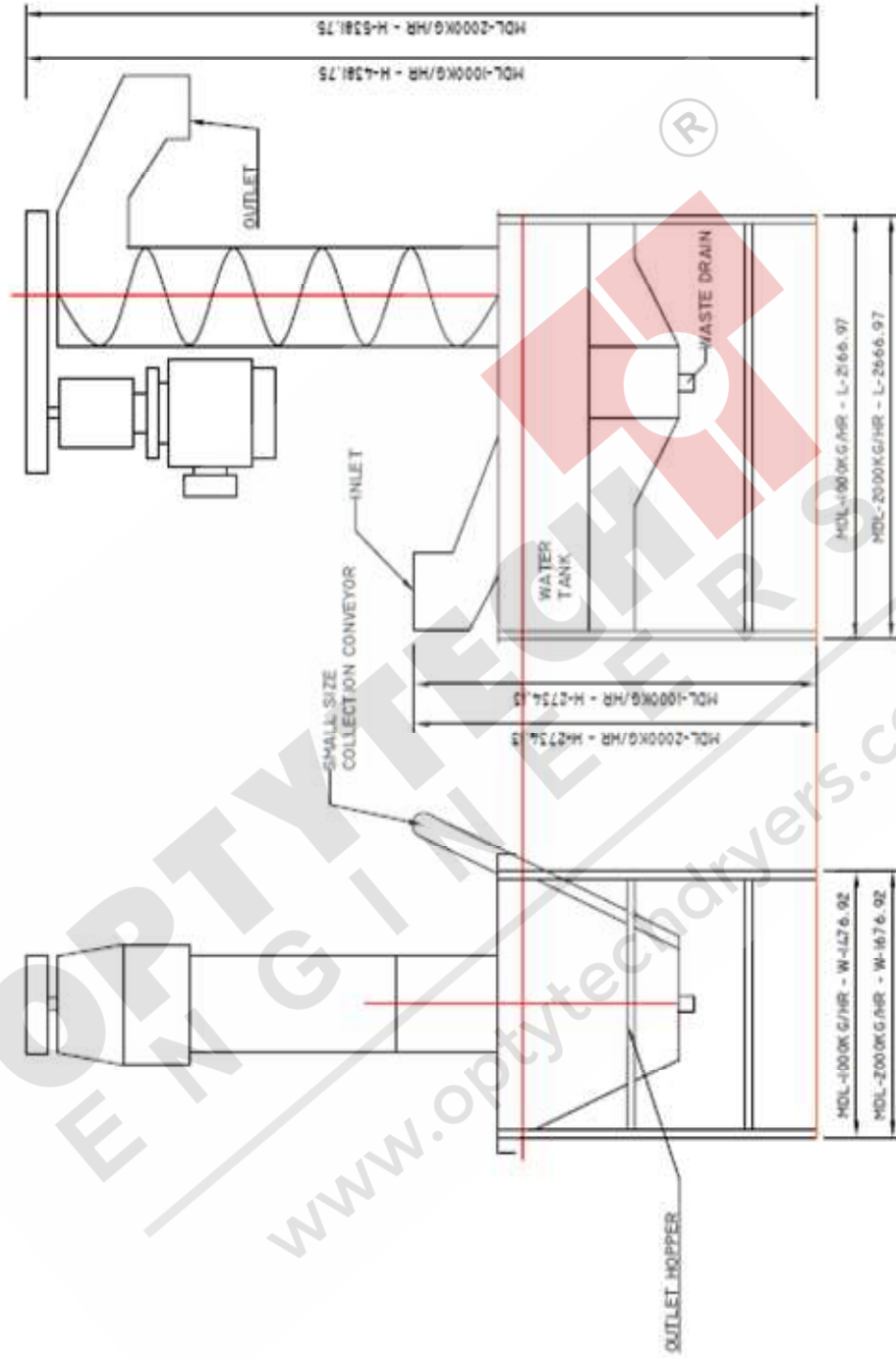
MOC DETAILS & FEATURE		
SR	COMPONENT	MOC / BRAND DETAILS
1	Mc Structure	SS304 Plates 5/3/6/10/12/20 mm framed with Heavy Sq, pipe full welded.
2	Gear Drives & Motors	Rotomotive Brand - Planetary Geardrive - Worm Geardrive
3	Bearings	NTN / TR / TATA / FAG make only
4	Screw feeder	Continuous type SS304 steel worm with shaft
		Drive with Heavy duty Planetary Geardrive - Rotomotive
5	Waterjet pump	Brand ISI as per IS standard- SS304
6	Screen	SS304_lease cut
7	Finishing	Complete Structure SS glass bead blasted mate surface finish
		Belts is with Original SS mirror finish
8	Controls	Control panel Schnider 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

<b>1</b>	<b>DAILY</b>	Waste Disposal_SOS
		Clean with Air every 12 hours
		Clean Drum screen everyday
<b>2</b>	<b>BIOWEELY SCHDL</b>	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
<b>3</b>	<b>YEARLY SCHDL</b>	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

**SPARE PART LIST ( EXCLUSION - EXTRA COST)**

03-CONTINEOUS VEG DESTONER CUM FLUID LIFTER MC SKEMATIC DIA



ALL DIMENSIONS ARE IN MM.