



## SCREENING APPLICATION-SALT



MHG model screener for salt screening before dispatch from workshop



### MATERIAL FEATURES

The bulk salt and salt powder bulk density always between 1.1 to 1.3 tons per cubic meters, the corrosion to metal is very strong, it could be industrial raw material, also could be food grade for people.

### SCREENING APPLICATION

For different production line and technology, there are different request on screener, but normal will be with two stage screener, Primary screener and Secondary screener, for primary screener, it always move out the oversize lump salt before crusher or after crusher, then the material will go to the mill equipment then to secondary screener, the MHG side doors access screener is one good choice for the secondary screener, in the stage, the material size always less than 1mm  
The MHG side doors access gyratory screener with the SUS316 or SUS316L structure could be suitable for the salt feature, and the self-cleaning ball could reduce the mesh blockage problem

## CATALOGUE CONTENTS



## MHG Gyratory Screener Installation Method



MHG series gyratory screens is similar with M serial gyratory screen such as the screening principle, screening efficiency and application, just except the screen deck structure.

In some customer application technical process, the customer need always renew the screens mesh, if the renew time for screening mesh is too long, or it is very difficult for replacing the screen mesh, it will take too much time for stopping the equipment work if replacing mesh for several times, so it will affect the production output at last, the MHG series gyratory screens is for solving above problem, and the MHG gyratory screen has following features:



MHG Gyratory Screen waiting for delivery in workshop



MHG Gyratory Screen at salt Screening site



## MHG Gyrotory Screener Major Structure

### Screener Deck



The side door gyrotory screener deck is one combination structure that consist of screener mesh , self-cleaning ball and support deck frame. The screener mesh be fixed on screener ball tray directly.

#### Mesh changing



#### The mesh fasten method

**The mesh sheet is one independent one parts, it put on the ball tray**

So the customer is easy to divide the mesh sheet and the ball tray, it save the mesh changing time

### Replaceable Seal



#### Replaceable seal of the screener deck

The seal structure is one key factor for guaranteeing the screening precision, The MH model gyrotory screener adopt replaceable model seal, it is easy to replace the seal when the seal worn-out

And the seal is endless model after glue, so it avoid the different layer material mix together



## How to do the mesh sheet changing easily



### 1. Open the side access door

This step is easy, just open the clamp then open side access door



### 2. Pull out mesh sheet and ball tray

Release the fasten device of the ball tray, then pull out 1/2 to 1/3 width of the ball tray, do not need the whole ball tray and mesh structure out the screener box, the other 2/3 of the mesh deck+ ball tray still in the screener box



### 3. Pull out the whole mesh sheet

Please pull out the whole mesh sheet structure out from the screener box, and do not need move the below ball tray

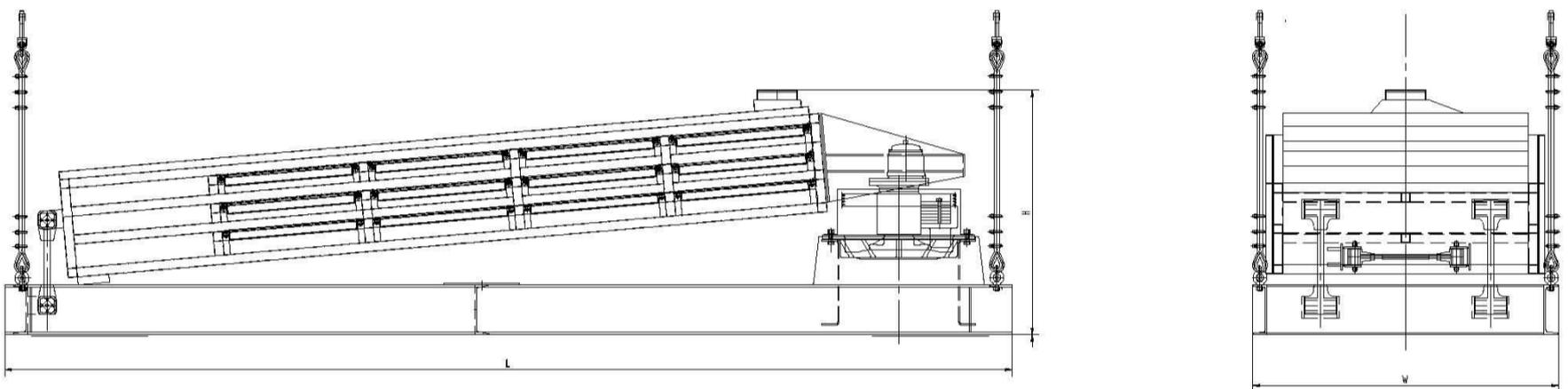


### 4. Put one new mesh sheet on the ball tray

Put one new mesh sheet on the ball tray and push the ball tray and mesh back into the screener box, then fasten the ball tray and close the side access door as one drawer, the mesh changing work finished



Dimension and Parameter



MHG Gyratory Screen Parameter									
Layer No.	Model	Requency	Storke	Mesh Area	Power	Outline (mm)			Equipment weight
		r/min	mm	M <sup>2</sup>	kW	(L)	(W)	(H)	kg
1	MHG-B20	220-260	60	2	2.2	4120	1870	2100	2463
	MHG-C24	220-260	60	2.88	3	4614	2080	2100	2958
	MHG-D30R	200-220	80	4.5	4	5530	2370	2200	3316
	MHG-E42	180-200	88	7.56	6.112	5612	2690	2200	4053
	MHG-F48	180-200	88	9.6	5.5	7198	2940	2300	4335
2	MHG-TB20	220-260	60	2	3	4120	1880	2100	2610
	MHG-TC24	220-260	60	2.88	4	4614	2080	2100	3177
	MHG-TD30R	200-220	80	4.5	4	5530	2370	2200	3494
	MHG-TE42	180-200	88	7.56	5.5	6112	2690	2200	4413
	MHG-TF48	180-200	88	9.6	7.5	6998	2940	2300	4756
3	MHG-SC24	200-220	80	2.88	4	4614	2080	2200	3395
	MHG-SD30R	180-200	88	4.5	5.5	5530	2370	2200	3872
	MHG-SE42	180-200	88	7.56	7.5	6112	2690	2200	4786
	MHG-SF48	180-200	88	9.6	11	7198	2940	2300	5337