



## Octagonal Cylindrical Sifting Machine

### Brief Introduction

Octagonal cylindrical sifting machine is the special-purpose equipment used for the pretreatment of the house refuse, its function is to sift out the garbage required in the process of sifting and separation. It has changed the traditional sieving way, the conception is knacky and the sieving effect is well. Its sieve disk is made by adopting 16Mn steel plate, it has the characteristics that the intensity is high、hardness is high and the abrasability is well. According to the different requirements, our company can

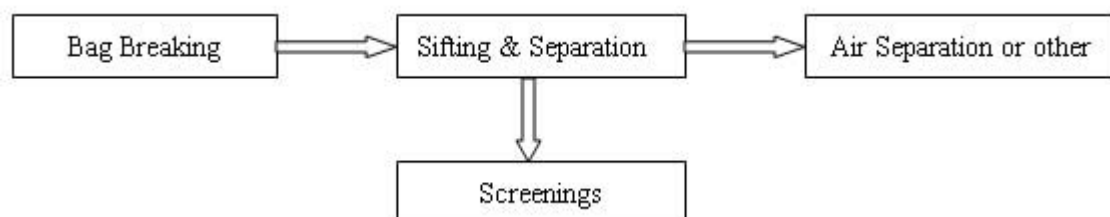


design the dimensions of the diameter of aperture of the sieving disk respectively and manufacture, we could replace the sieving disk timely, it resolves the malpractice that the sieving disk can not be replaced. The sieving effect is much better than the traditional

sieving cylinder. In order to solve the problem that it is easy to be blocked up in the sifting process, the block-proof device is set up on the sieving machine, this device does not increase any power, it clears up automatically.

### Working Principle

Feeding the garbage requiring to be sifted and separated to the roller of the sieving machine by the conveyor, as the roller is octagonal plane sieving disk frame combination structure, this kind of structure forces the waste garbage to be kept under the complex impact condition all the time at the time of sifting and separating the garbage, when the roller rotates, small pellet garbage leak down by the sieve meshes, and then, the small pellets are conveyed to the next working procedure by the auxiliary engine (small belt conveyor) at the bottom.





**Technical Parameters :**

Type	Handling Capacity ( T/h)	Main Engine Power (kW)	Auxiliary Engine Power(kW)	Structural Form	Sieving Disk Aperture Diameter (mm)	Remarks
GTS- I Machine Set	10-20	7.5	3	Fixed/Mobile	Φ30-Φ80	Sieving disk aperture is selected
GTS- II Machine Set	20-30	11	4	Fixed/Mobile	Φ30-Φ170	according to requirements and can be replaced
GTS-III Machine	30-40	18.5	4	Fixed/Mobile	Φ30-Φ170	replaced

mm

**External Form, Joint Dimensions :**

Type Parameters	Feed Inlet Height	Gurry Mouth Height	Screen Roller Length	Overall Dimensions	Remarks
GTS- I Machine Set	1730	1500	5050	11270×3000×3150	Redesign according to the user requirements
GTS- II Machine Set	3300	1500	7070	13290×3000×3150	
GTS-III Machine Set	3300	1500	8080	14300×3350×3500	

There are two types of this production, one is fixed, and the other is mobile. Refuse sifter includes 2-3 kinds of aperture. The machine can break the big bag of garbage, the sieving disk can be replaced, the equipment is easy to maintain, and it has high intensity and high hardness and good abrasability. The block-proof device can solve the problem of sieving disk blocking up that will reduce the efficiency of the sifting. Compared with the traditional product and various sifting machines of the market the sieving effect of this product is greatly improved, and the operation effect is well. This equipment is favored by the user.

