



**WSC GOLDEN GRAIN SPECIFICATIONS**  
型号参数

型号 Model	转盘直径 Disc dia (mm)	电机功率 Power (kw)	转速 Shaft speed (r/min)	产量 Capacity (t/h)	重量 Weight (kg)	进口直径 Inlet dia (mm)	外形尺寸 Outline size L×W×H (mm)
WSC-43	Φ430	4	3000	1.5-3.0	260	160	525×670×882
		5.5		2.0-3.5	270	160	525×670×882
		7.5		3.5-5.0	310	160	525×670×882
WSC-51	Φ510	11	3000	4.5	439	190	710×800×950
		15		4.5-6.0	449	190	710×800×950
		18.5		6.0-9.0	485	190	710×800×950
		22		9.0-11	520	190	710×800×950
WSC-51D	Φ510	22	3000	11	715	188.5	669×800×882.5
		30		11-15	800	188.5	680×800×882.5
		37		15-18.5	815	188.5	680×800×882.5
		45		18.5-23	865	188.5	695×1575×867.5
		55		20-25	919	188.5	695×1575×867.5
WSCW-51DK	Φ510	75	3000	25-35	1100	205	900×1296×1047.5



# INFESTATION DESTROYER

## WSC | 卧式杀虫机

### WSC APPLICATION 应用范围

WSC系列卧式杀虫机主要用于处理粉状物料，以大幅减少物料中的昆虫和虫卵数。

例如在面粉厂中，主要用于以下几个工段：

- a.最主要的应用，是在面粉进粉仓之前杀虫，大幅度提高仓储粉的储藏性能，用在正压输送线中。
- b.制粉流程中撞击颗粒粉和中间物料，使粘附在皮上胚乳得到分离，相当于松粉机的作用。

WSC Infestation destroyer is utilized to destroy live insects and insect eggs in the flour.

For example, it is mainly used in below sections in flour milling:

- a.Mainly installed in positive pressure blowlines before flour storage bin to control infestation therefore prolonging flour storage performance.
- b.In the milling section, it is used to separate the endosperm adhered to the wheat skin, which is equivalent to the function of impact detacher.



### WSC FEATURES 特点简介

- ① 采用卧式结构设计，主要是应用在正压输送系统中；
- ② 采用铸造件整体机壳，蜗壳型离心排料，避免物料产生涡流，影响杀虫效果。
- ③ 经过严格的动平衡测试，保证运行平稳，工作噪音极小；
- ④ 转子由销柱及转盘组成，面粉进入杀虫机内壳后，面粉在转子作用下，充分撞击销柱及杀虫机内壁，杀虫及虫卵效率高。
- ⑤ 采用机械迷宫密封+气流密封+不锈钢环流非接触4道密封环，提高了密封面积，减小密封与轴之间的直接摩擦，保证密封寿命，配件易更换，面粉无窜漏；

- ① The horizontal structure design is mainly used in the positive pressure conveying system.
- ② By using casting integral case and centrifugal discharging mode, to avoid turbulence of material, and ensures the product quality is not adversely affected.
- ③ Rotors has been dynamic balanced to make sure smooth operation. Low noise.
- ④ The rotor consists of pins and rotor. After the flour enters into the inner machine body, the flour strikes on the pins and the inner wall of the machine under the action of the rotor. It is of high insecticidal efficiency.
- ⑤ It applies seal rings of mechanical labyrinth seal + air seal + stainless steel circulation non-contact sealing rings to improve the sealing area and reduce the direct friction between the seal and shaft, and ensure the seals service life and make sure no flour leaking. The parts are easy to replace.

