Bone crusher machine

10 Management Systems

————Zhengzhou lerford Machinery Equipment Co.,ltd.

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PART 01

Product Introduction

Raw materials



chicken bones



Pig bones



Sheep bones



fish bone



Beef bones



Donkey Bones



duck bones

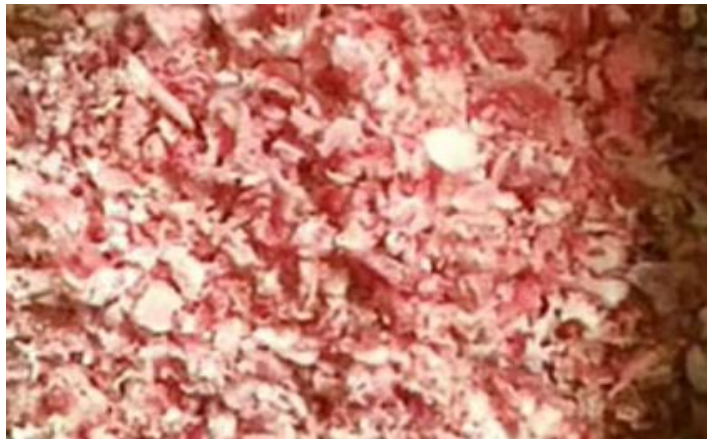


Goose boned

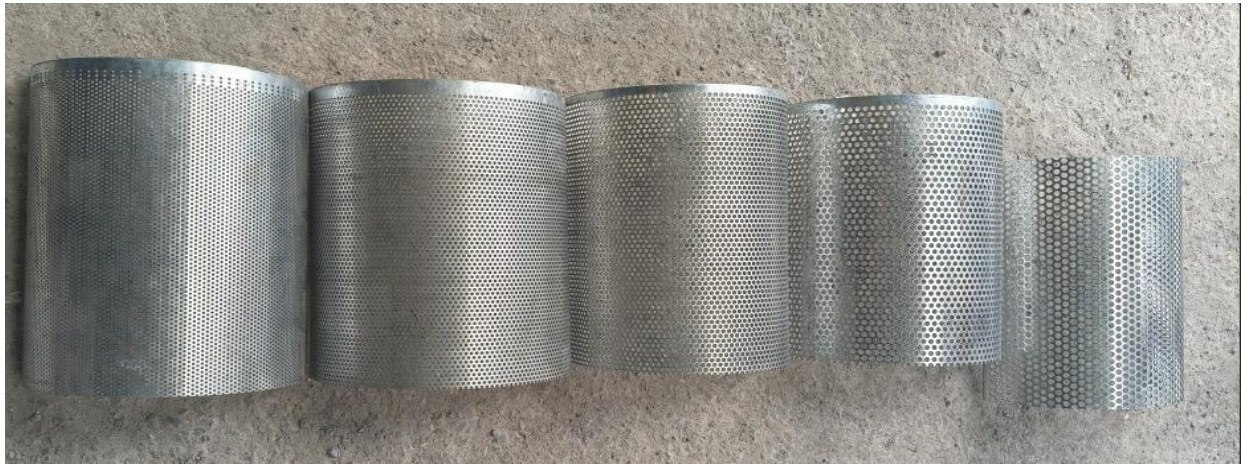
Final product











The crushing range is 5-100mm (regular factory 32mm). It is suitable for crushing hard materials such as various sausages, luncheon meat, quick-frozen food, pet food, etc

type



Carbon steel diesel engine



Motor stainless steel



Meat grinding and mincing combination machine

• Machine structure



PG-800



PG-600



PG-500



PG-400



PG-300



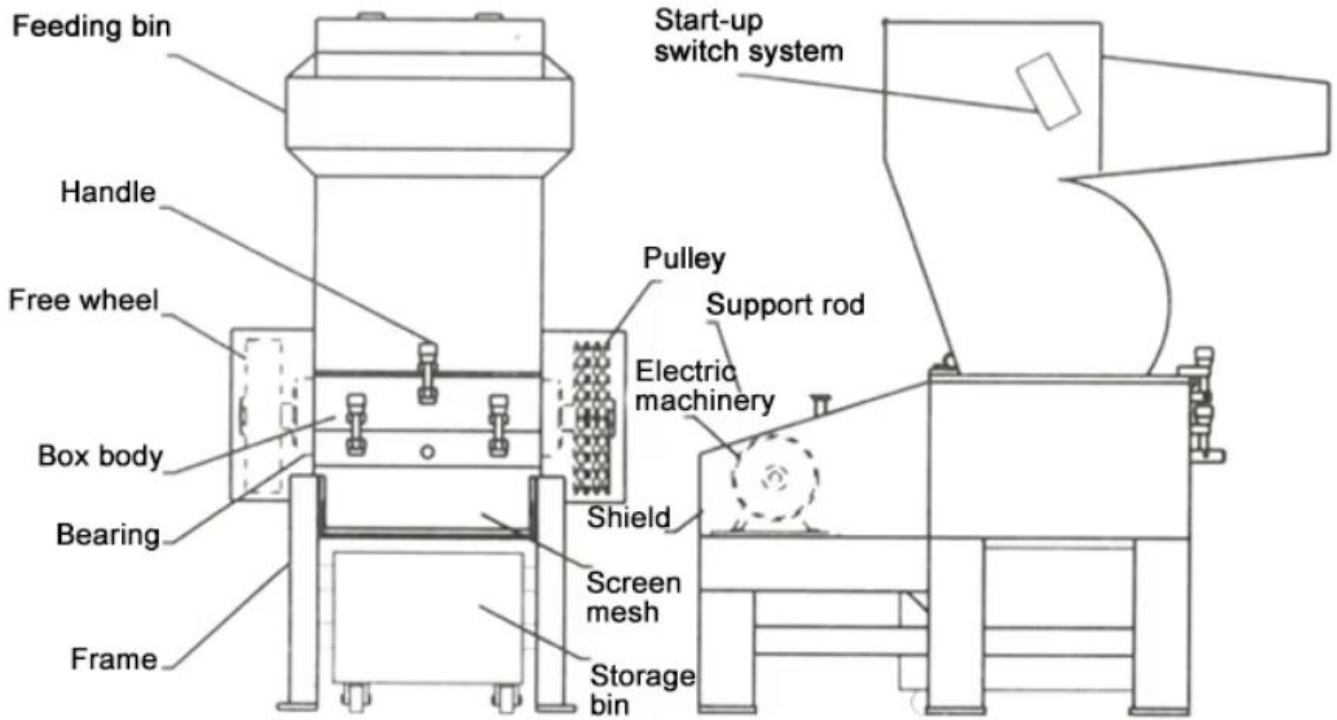
PG-230



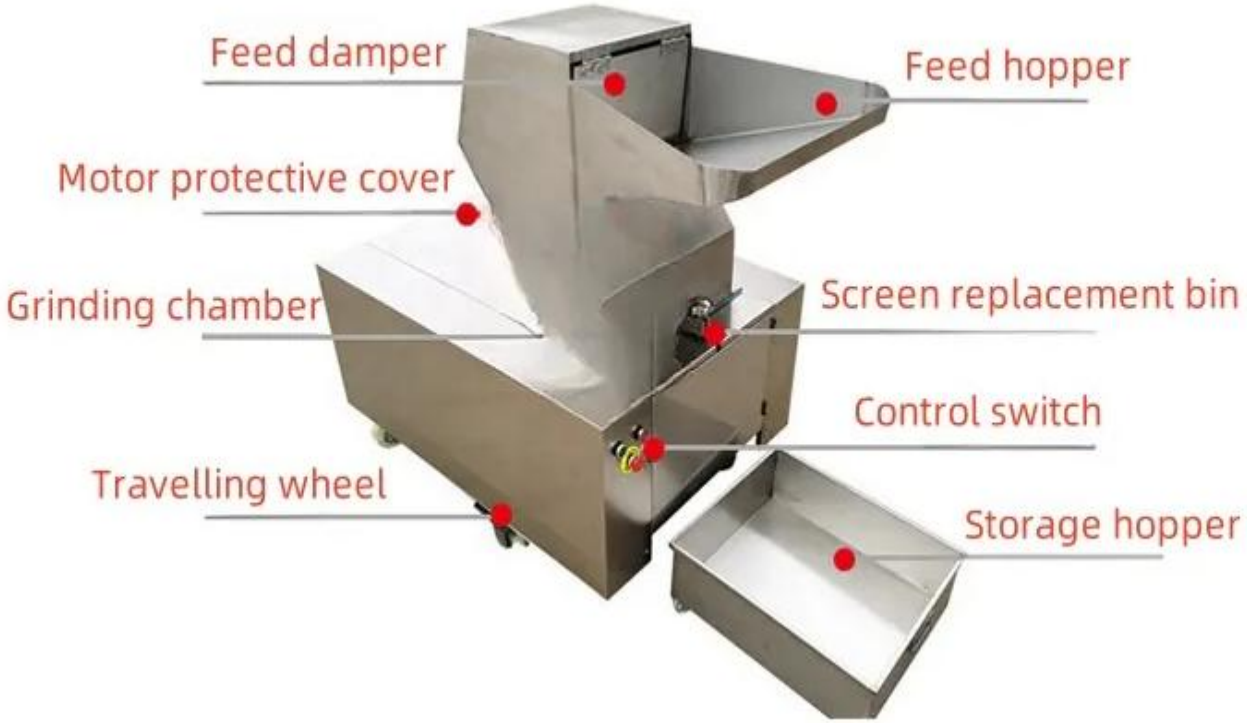
PG-180

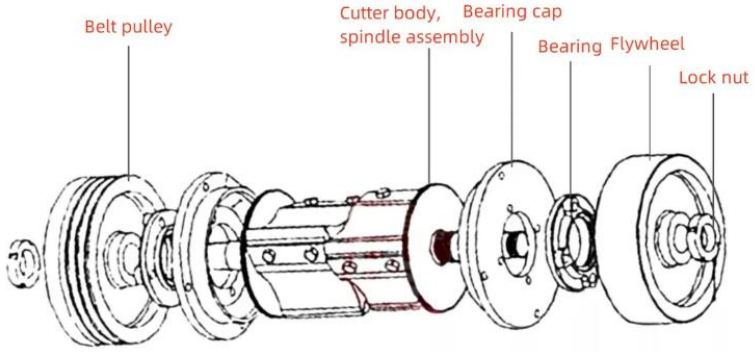
• Machine structure





• Machine structure









• Detailed





Cheaper, functions the same, but prone to rust.

10% of customers choose

While slightly more expensive, it's made of food-grade 304 stainless steel, ensuring stable performance and rust resistance.

90% of customers choose





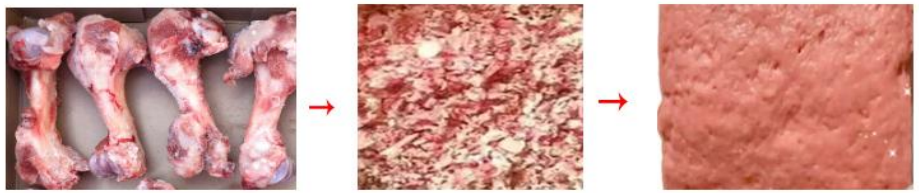
• Require of machines

Model	PG-180	PG-230	PG-300	PG-400	PG-500	PG-600	PG-800	PG-1000
Capacity(kg/h)	20-60	30-100	80-250	200-400	350-600	500-900	750-2000	2000-4000
Size of feeder(mm)	185*160	235*180	315*235	415*240	520*300	620*330	830*430	1030*480
Stationary cutter	2	2	2	2	2	4	4	4
Rotary cutter	6	6	9	12	15	18	24	30
Power(kw)	3 KW	4KW	5.5KW	7.5KW	11KW	15KW	30KW	37KW
Dimensions(L*M*H /mm)	700*600*900	970*610*910	1150*730*1150	1150*830*1150	1350*950*1300	1350*1050*1300	1550*1300*1550	1800*1600*1800
weight(kg)	180KG	240KG	350KG	400KG	580KG	650KG	1500KG	2500KG
Price(USD) Carton steel material	$1,650	$1,860	$1,980	$2,250	$2,750	$3,990	$7,790	$9,550
Price(USD) Stainless steel material	$1,980	$2,450	$2,890	$3,200	$4,800	$7,250	$10,900	$16,900

• Require of machines

Model	Carbon Steel Screen Unit Price	Stainless steel screen unit price	Knife/set unit price
PG-180	$60	$70	$100
PG-230	$70	$80	$150
PG-300	$90	$ 100	$ 100
PG-400	$115	$160	$250
PG-500	$125	$150	$340
PG-600	$ 220	$280	$ 450
PG-800	$260	$380	$600
PG-1000	$350	$550	$890
			

- **Shell breaking part drawing**









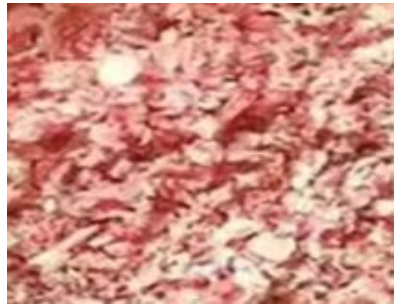
• Workflow



1.raw materials



Coarse grinding



Large crushed particles



Bone Mud Grinding



bone mud



raw materials



Coarse grinding



Large crushed particles



Fine grinding



bone meal

• Machine Details



Safer to use

Steel trapezoidal design

Trapezoidal design increases the sharpness of the cutting tool, allowing for multiple sharpening and repeated use after blunting



High strength steel plate structure

Steel plate made of food grade stainless steel

Combined with high-density welding technology



Fast feeding without jamming the machine

There is no safety protection plate at the feed inlet to prevent the splashing of crushed materials



Screen mesh

The size of the discharge is determined by the sieve mesh

• Frequently Asked Questions

Connect the power cord correctly. Before starting, manually pull the inertia wheel and inspect the machine chamber for any unusual debris.
A) Run the machine idle to check if the cutter is rotating correctly. If the direction is reversed, reverse the order of the three-phase power cord connections. After confirming the correct cutter rotation, run the machine idle for 3 minutes. Fasten the feed chamber until the protective switch is fully engaged. Once the crushing conditions are met, you can begin production.

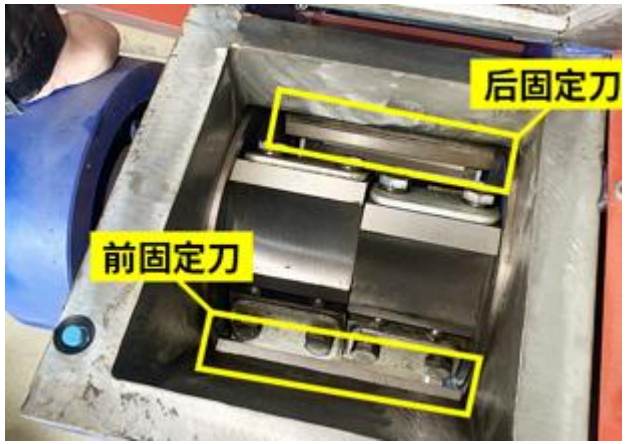
B) For roller bearings with seats: Grease the bearing nipples every 20 days to ensure proper lubrication between the roller bearings.

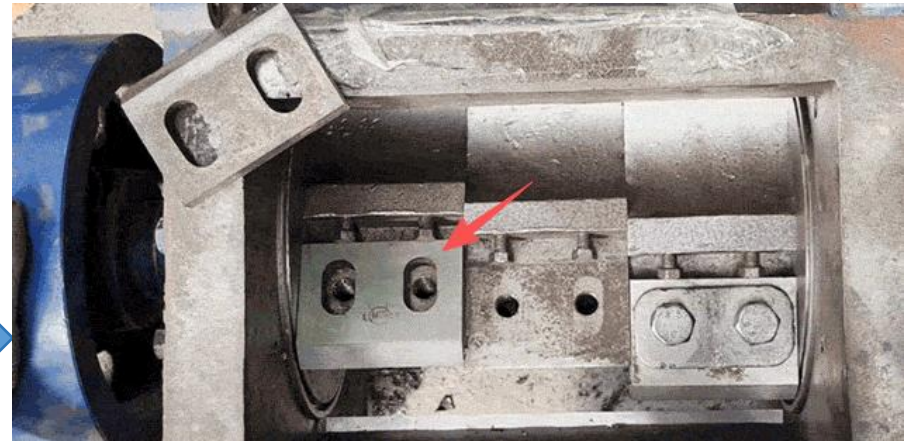
C) For tool sharpness, regularly inspect the moving blade based on usage. A blunt blade may cause unnecessary damage to other components.

D) Before starting the machine again, remove any remaining material from the first crushing operation to reduce starting resistance and motor load. Regularly remove the inertia wheel cover and pulley cover and clean the ash outlet below the flange. Excessive dust discharged from the machine chamber may enter the rotating bearings. E) When replacing the cutting tool, keep the cutting gap between the cutting tools at 0.5-0.8mm.

• Replace the knife

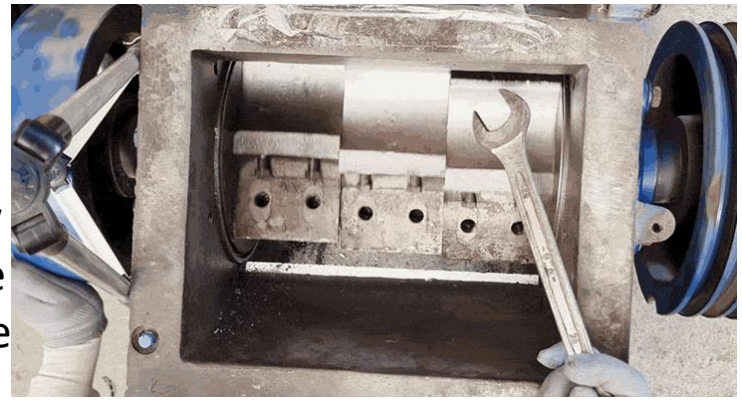






Use a tool to remove the knife lock screws and remove the fixed knife on the front and rear bodies (the location is shown in the figure below). For older models, you need to remove the motor and rear cover before removing the fixed knife.

The front of the knife with the logo is the front. The blade is facing inwards and the back of the blade is facing up. It is fixed with the blade locking screw and the front and back distance of the blade can be adjusted by adjusting the length of the fixed blade screw.





2.Workshop Display





3.Trade Show













Nigeria & Uzbekistan Exhibition in 2024 year
We will go to 2 countries for one year at least



THANK YOU
FOR WATCHING

————Zhengzhou lerford Machinery Equipment Co.,Ltd.

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