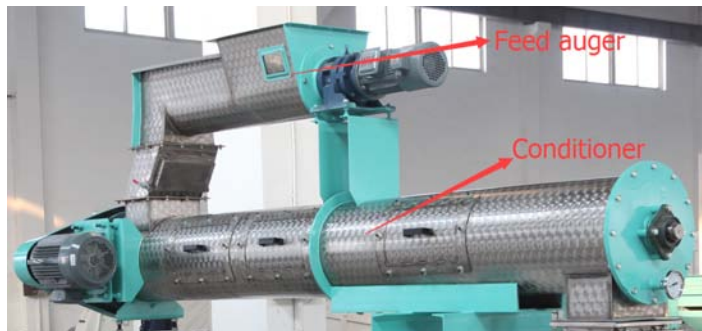


About ring die feed pellet machine

Ring die feed pellet machine is a kind of [horizontal ring die pellet mill](#) , these machines have similar structure and function.

The ring die feed pellet machine is used to produce animal, livestock, poultry feed pellets. Compared with horizontal ring die pellet mill, the ring die feed pellet mill have a conditioner on top, the ring die is made of stainless steel, the rotating speed of main shaft is faster.

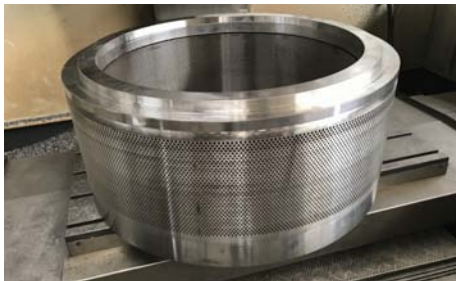
The conditioner is made of stainless steel because the final pellets is food for animal, the conditioner need to connect to a boiler, which supply steam to cook the raw material before make pellets, if without the steam the final pellets is hard and difficult to digest by animals.



Conditioner

The ring die of feed pellet machine is made from 4 Cr13 stainless steel, to make sure the final pellets can meet food grade standard.

The diameter of holes on ring die decide the pellet diameter, by change the ring die one pellet machine can make different size pellets.



Ring die

The structure inside pelletizing room and gearbox is totally the same as horizontal ring die pellet mill.

To make different kind of feed pellets the raw material is different, usually for a certain kind of feed pellets there is a formula.

To make feed pellets usually also need assemble [water drop hammer mill](#), mixer, [pellet cooler](#), [pellet packing machine](#), conveyors and other necessary accessory machines.

Ring die feed pellet machine technical data

1	Model	SZLH250	SZLH320	SZLH350	SZLH420
2	Capacity	1-2T/h for feed pellets	1.5-3T/h for feed pellets	2-5T/h for feed pellets	3-12T/h for feed pellets
3	Main Power	22 KW	37 KW	55 KW	110 KW
4	Power of Feeding Auger	0.55 KW	0.55 KW	0.75 KW	1.5 KW
5	Power of Conditioner	2.2KW	2.2KW	2.2KW	5.5KW
6	Inner Diameter of Die	250 mm	320 mm	350 mm	420 mm
7	Ring Die Speed	305 RPM	305 RPM	336 RPM	287 RPM
8	Ring Die Material	4Cr13 (Stainless steel)			
9	Conditioner speed	350RPM			
10	Pellet Size	Diameter: 3mm, 4mm, 5mm, 6mm, 8mm, 10mm or as your requirement			
11	Roller Number	2			
12	Roller Diameter	120mm	140mm	165mm	206mm
13	Roller shell material	40CrMnTi, HRC 56-58			
14	Main shaft material	42 CrMnTi			

15	Pelletizing ratio	$\geq 95\%$	
16	Percentage of powdered pellets	$\leq 12\%$	
17	Noise	$\leq 86\text{dB(A)}$	$\leq 90\text{dB(A)}$
18	Die working temperature	$\leq 85^{\circ}\text{C}$	
19	Steam working pressure	0.1-0.4Mpa	
20	Steam consumption	$\geq 0.3\text{t/h}$	$\geq 0.4\text{t/h}$
21	Steam temperature	130-150 $^{\circ}\text{C}$	