

Particle machine series

Product brochure



STROSEN



A feed pellet machine is a specialized mechanical equipment used to process various feed materials into granular feed. It is widely used in fields such as animal husbandry, poultry breeding, and aquaculture, which can effectively improve the utilization rate of feed and reduce breeding costs. It is an indispensable and important equipment in modern breeding production.

Application areas:

Animal husbandry: suitable for feed processing of livestock such as cattle, sheep, and pigs. Suitable pellet feed can be customized according to the nutritional needs of different livestock to improve their growth rate and meat quality.

Poultry farming: widely used in the breeding of poultry such as chickens, ducks, geese, etc. Granular feed can meet the feeding habits of poultry, improve feed utilization, promote healthy growth of poultry, and increase breeding income.

Aquaculture industry: can produce pellet feed suitable for aquatic animals such as fish, shrimp, crabs, etc. Granular feed has good stability in water, is not easy to disintegrate, can reduce the pollution of water caused by feed, improve the feeding efficiency of aquatic animals, and promote the sustainable development of aquaculture.



ST-125 feed pellet machine

Particle diameter	2.5/3/4/5/6/8mm	Voltage	220V/380V/110V
Number of pressure wheels	2	Hertz	50hz/60hz
Production	25-50kg/h	Machine size	111*78*29
Power	4kw	Machine weight	80kg



ST-150 feed pellet machine

Particle diameter	2.5/3/4/5/6/8mm	Voltage	220V/380V/110V
Number of pressure wheels	2	Hertz	50hz/60hz
Production	50-100kg/h	Machine size	111*79*30.5
Power	4kw	Machine weight	85kg



ST-160 feed pellet machine

Particle diameter	2.5/3/4/5/6/8mm	Voltage	220V/380V/110V
Number of pressure wheels	3	Hertz	50hz/60hz
Production	100-150kg/h	Machine size	111*80.5*32.5
Power	4.5kw	Machine weight	95kg





ST-180 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	220V/380V/110V
Number of pressure wheels	4	hertz	50hz/60hz
production	100-200kg/h	Mechanical size	111*80.5*32.5
power	4.5kw	Mechanical weight	100kg



ST-210 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	2 / 3	hertz	50hz/60hz
production	200-300kg/h	Mechanical size	136*101*36.5
power	7.5kw/11kw	Mechanical weight	170kg



ST-230 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	3 / 4	hertz	50hz/60hz
production	300-400kg/h	Mechanical size	136*111*44
power	11kw	Mechanical weight	220kg



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ST-260 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	3 / 4	hertz	50hz/60hz
production	400-500kg/h	Mechanical size	157*120*45.5
power	15kw	Mechanical weight	280kg



ST-280 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	4	hertz	50hz/60hz
production	500-800kg/h	Mechanical size	160*126*48
power	18.5kw	Mechanical weight	320kg



ST-300 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	4	hertz	50hz/60hz
production	600-1000kg/h	Mechanical size	170*142*51
power	22kw	Mechanical weight	420kg





ST-400 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	4	hertz	50hz/60hz
production	1000-2000kg/h	Mechanical size	195*182.5*61.5
power	37kw	Mechanical weight	820kg



ST-500 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	4	hertz	50hz/60hz
production	2000-3000kg/h	Mechanical size	180*80*140
power	55kw	Mechanical weight	1100kg



ST-600 feed pellet machine

particle diameter	2.5/3/4/5/6/8mm	voltage	380V / 220V three-phase
Number of pressure wheels	4	hertz	50hz/60hz
production	3000-4000kg/h	Mechanical size	230*84*140
power	75kw	Mechanical weight	1600kg



Introduction to the new rotary feed pellet machine

The new rotary feed pellet machine adopts an innovative design of "pressure wheel rotation, grinding disc non rotation". The pressure wheel is driven by a motor to rotate, accurately extruding the raw materials into shape, while the grinding disc remains stationary, ensuring a more stable pellet pressing process and improving the uniformity and compactness of the finished product. The advantage of this pellet machine is that it has low requirements for the length and moisture content of the material, and supports direct pressing of raw materials such as corn cob, grass, straw, etc. that have not been crushed, making the process of pellet production easier and simpler.



STX-190 new rotary feed pellet machine

particle diameter	2.5/3/4/5/6/8/10mm	voltage	220V/380V/110V
Number of pressure wheels	2	hertz	50hz/60hz
production	100-200kg/h	Mechanical size	111*35*85
power	5.5kw/7.5kw	Mechanical weight	100kg



STX-210 new rotary feed pellet machine

particle diameter	2.5/3/4/5/6/8/10mm	voltage	380V
Number of pressure wheels	2	hertz	50hz/60hz
production	200-300kg/h	Mechanical size	131*55*125
power	7.5/11kw	Mechanical weight	200kg





STX-260 new rotary feed pellet machine

particle diameter	2.5/3/4/5/6/8/10mm	voltage	380V
Number of pressure wheels	2	hertz	50hz/60hz
production	300-500kg/h	Mechanical size	151*60*145
power	15/18.5kw	Mechanical weight	330kg



STX-300 new rotary feed pellet machine

particle diameter	2.5/3/4/5/6/8/10mm	voltage	380V
Number of pressure wheels	2	hertz	50hz/60hz
production	500-1000kg/h	Mechanical size	161*66*155
power	22/30kw	Mechanical weight	460kg



STX-400 new rotary feed pellet machine

particle diameter	2.5/3/4/5/6/8/10mm	voltage	380V
Number of pressure wheels	2	hertz	50hz/60hz
production	1000-2000kg/h	Mechanical size	191*85*155
power	37kw/55kw	Mechanical weight	900kg





ST-Dieset powered feed pellet machine

Particle machine model	125	150	160	180
particle diameter	2.5/3/4/5/6/8mm			
Number of pressure wheels	2	2	3	4
production	25-50kg/h	50-100kg/h	100-150kg/h	100-200kg/h
power	8P	8P	8P	8P
Mechanical size	111*78*49	111*79*50	111*80.5*52	111*80.5*52
Mechanical weight	110kg	115kg	120kg	130kg



ST-Dieset powered feed pellet machine

Particle machine model	210	230	260	280
particle diameter	2.5/3/4/5/6/8mm			
Number of pressure wheels	2/3	3/4	3/4	4
production	200-300kg/h	300-400kg/h	400-500kg/h	500-800kg/h
power	12P	15P	25P	28P
Mechanical size	136*101*56	136*111*64	157*120*65	160*126*68
Mechanical weight	220kg	260kg	300kg	130kg



ST-Dieset powered feed pellet machine

Particle machine model	300	400
particle diameter	2.5/3/4/5/6/8mm	
Number of pressure wheels	4	4
production	600-1000kg/h	1000-2000kg/h
power	30P	50P
Mechanical size	170*142*71	251*184*73
Mechanical weight	440kg	880kg





Feed pellet engine gasoline version series



Gasoline engine model - feed pellet machine

Particle machine model	125	150	160	180
particle diameter	2.5/3/4/5/6/8mm			
Number of pressure wheels	2	2	3	4
production	25-50kg/h	50-100kg/h	100-150kg/h	100-200kg/h
power	4.5kw	4.5kw	5.5kw	5.5kw
Mechanical size	100*68*39	100*79*40	100*80.5*42	100*80.5*42
Mechanical weight	80kg	85kg	90kg	95kg



Belt pulley type - Feed pellet machine



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Customized: Feed pellet machine series

1. Customizable to meet national electricity standards: single-phase electricity, three-phase electricity, 110V/220V/380V/440V, 50Hz/60Hz, etc
2. Distribution box equipment can be installed
3. It is possible to install electrical plugs that meet the requirements of each country



Customized: Feed pellet machine series

1. Customizable in various styles and styles: can add water tanks, oil circulation systems, etc
2. Customizable to meet national electricity standards: single-phase electricity, three-phase electricity, 110V/220V/380V/440V, 50Hz/60Hz, etc
3. Distribution box equipment can be installed



Customized: Feed pellet machine series

1. Customizable machines in various colors: Both the machine and motor colors can be customized, matched with any color, and OEM can be used
2. Customizable to meet national electricity standards: single-phase electricity, three-phase electricity, 110V/220V/380V/440V, 50Hz/60Hz, etc
3. It is possible to install electrical plugs that meet the requirements of each country



Particle machine series production line



Simple production line

Output(kg/h)	500kg	1000kg	2000kg
Particle machine model	260	300	400
power	15kw	22kw	37kw
Stainless steel mixer	200kg	200kg	300kg
power	3kw	3kw	4kw
Screw elevator	165 elevator	165 elevator	219 elevator
power	3kw	3kw	3kw



Semi automatic production line

Output(kg/h)	1000kg	2000kg	3000kg
Fully automated production line	400	420	500
power	7.5kw	11kw	15kw
Vertical mixing mixer	500kg	1000kg	1000kg
power	5.5kw	7.5kw	7.5kw
Screw elevator	165 elevator	219 elevator	219 elevator
power	3kw	3kw	3kw
Particle machine model	300型	400型	500型
power	22kw	37kw	55kw





Fully automated production line



Output(kg/h)	1t-2t	2t-3t	3t/4t/5t
Blender/Crusher	2m ³	2m ³	700
power	18.5kw	18.5kw	30kw
Variable frequency forced screw elevator	6m	6m	3m + 6m
power	4kw	4kw	4kw*2
Transfer silo	1m ³	1.5m ³	2m ³
power	3kw	3kw	4kw
Feed pellet machine	400	400*2	500、500*2
power	37kw	37kw*2	55kw、55kw*2
Counterflow cooling tower	1m ³	2m ³	2m ³
power	5kw	5kw	5kw
Skirt edge conveyor belt	6m	8m	8m + 6m
power	8kw	4kw	4kw*2
Quantitative packaging machine	2t	2t-3t	2t
power	4kw	4kw	4kw
Electric cabinet	1个	2个	2个



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