



Henan Kingman M&E Complete Plant Co., Ltd







## About Us



Henan Kingman M&E Complete Plant Co.,Ltd (KMEC) is subsidiary of AGICO GROUP. KMEC is one of the leading manufacturers in China, who have specialised in the design and manufacture of equipment and complete plants for the recycling industry. Our company has approved ISO9000 authentication and our products obtained CE certificate.

In our modern and newly equiped production facilities in China we design and build our comprehensive range of machinery using the latest technology.

Over 20 years we have accumulated sufficient experience and knowledge in producing pellet press which is intended for manufacturing of pellets from wood sawdust, straw, and etc.

We give a full set of services, including consultation on pellets technologies and manufacturing, delivery, installation, guarantee and after sales service.





## Water Shape Vibrating Hammer Mill



The specifications of crushing system

- Are able to produce a wide range of particle sizes
- Work with any friable material and fibre
- Ease of use
- Lower initial investment when compared with a roller mill
- Minimal maintenance needed
- Particles produced using a hammermill will generally be spherical, with a surface that appears polished.

Model	SFSPZ70*75	SFSPZ112*75	SFSPZ130*75
Powder(KW)	75/90	110/132	160/200
Capacity(T/H)	5.5-6.5	8-10	11-15





## KMPM520

Specially designed pellet mill  
High quality ring die;1.5—10mm.  
SKF or WZW bearing for central shaft;  
Stainless steel conditioner;  
Belt transmission, stable running

Pellet mills are manufactured with the technical know-how from Muench-edelstahl GmbH in Germany. The double-motor pulley driving system ensures smooth and reliable operation of the machine. The feeder, conditioner and pellet chamber door are all made of stainless steel. Interlock roller-adjustment system provides a faster and more reliable performance of rollers. Pneumatic quick-dump feed chute, overload security shear pin and die hoist device present users a safe operation



TYPE	POWER(KW)	CAPACITY(T/H)	DIMENSION L×W×H(CM)	NET WEIGHT (KGS)
KMPM 35	Feeder 0.75 Conditioner 5.5 Force feeder 0.55 Main engine 55	0.5-0.7	245×100×230	1990
KMPM 42	Feeder 0.75 Conditioner 5.5 Force feeder 0.55 Main engine 90	0.8-1.2	320×110×285	2430
KMPM 520	Feeder 0.75 Conditioner 5.5 Force feeder 0.55 Main engine 75*2	2.0-2.5	330×125×255	3500
KMPM 650	Feeder 3(frequency control) Conditioner 7.5 Force feeder 1.5 Main engine 110*2	2 (for teak wood sawdust) 3.5(for pine wood sawdust)	390×150×280	4900



## Cooler and Sifter



After the pelletizing process, the temperature of the wood pellet is about 60-80 degree Centigrade, and the moisture content of the wood pellet is about 15%. So we need to use a cooler to reduce about 3-4% of the moisture, which makes the wood pellet easy to store

Model	SKLN1.1x1.1	SKLN1.5x1.5	SKLN1.9x1.9	SKLN1.9x2.4	SKLN2.4x2.4	SKLN2.4x2.8
Capacity(T/H)	3	5	10	15	20	25
Powder(KW)	0.75+0.75	0.75+0.75	1.5+1.5	1.5+1.5	2.2+2.2	2.2+2.2

SFJH Series Grading Sieve is necessary equipment for wood pellet making machinery. It is very useful in separating different size of particles to get fine sized wood pellets. The separated fragmentary particles can return back to starting of pelletizing line as raw material after crushing.





Generally, most clients needs one small scale with auto sealing Pellet Bagging Machine, and one large scale with semi-auto Pellet Bagging Machine. The weight range can be decided by our clients.



### 1. Small scale Pellet Bagging Machine : Weight range: 5-25kgs per bag

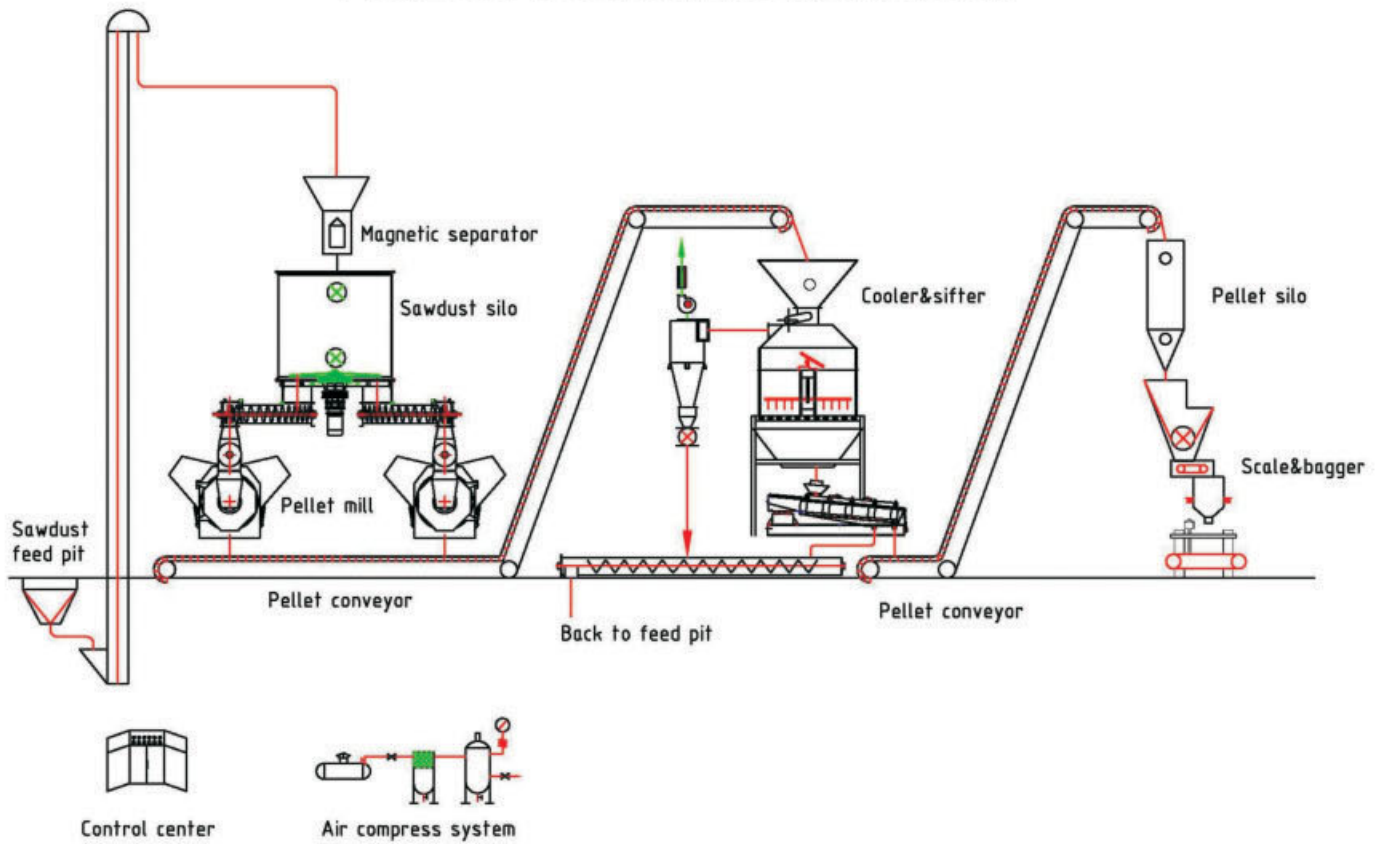
This is an automatic bagging machine. It is composed of quantitative packing electronic scale, hemming machine and conveyor heat-sealing machine, The quantitative packing electronic scale includes feeding part, filling part, weighing control meter systems.

This DCZ Automatic Bagging Scale belt feeder has single weigher hopper to provide a complete bagging and packing arrangement, available in a range of sizes; handling 5 - 25 kg bags at up to 500 bags per hour. High accuracy with weighing precision: static + 0.1%, dynamic + 0.2%. The system comes with a complete feeder, hopper, scale, sewing machine and bag conveyor. Bag weights are adjustable and can be preset. In continuous operation, the weights are recorded and shown on the digital display.

### 2. Large scale Pellet Bagging Machine

This is semi-automatic scale, which needs the workers to put the bags under the machine, but material filling, weighing, and transporting are all automatically done. High accuracy with weighing precision: static + 0.1%, dynamic + 0.2%. It works with auto-running carter to transfer packed matierl from packing place to strage place.

## Proposed wood sawdust pellet plant





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