

*From biomass to biofuel*



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Anyang Gemco Energy Machinery Co.,Ltd.





Corporate Vision ↗

【 To be a leading supplier of bioenergy technology and products. 】





## ✓ GEMCO Credentials

We boast a member with China Association of Rural Energy Industry and a member with China Standards Institute on Biomass Flat-die Technology. Based upon the certificate of ISO9000 and CE, we also have garnered 8 technology patents in R&D of biomass machinery and household oil press. 80% of the products have been exported to other countries. The enterprise is also rated as one of A-class enterprises by China Customs and one of suppliers at Made-in-China.com and Alibaba.com.

### Patents:



### CE



### ISO



Client-Focused

Quality-Oriented

Integrity-Based

## Technical Competence

We have set up a technology R&D center including pellet mill project, briquetting machine, forming machine, renewable equipment and oil press project departments respectively. Among the employees, 25 of them are top-notch technicians and 8 senior engineers having obtained doctorate or master degrees. We dedicate ourselves fully to R&D, manufacturing, installing, and debugging biomass energy machines as a whole.

R&D

Developing

Manufacturing

Installing

Debugging

## Top-grade products

- 01 Sawdust Die-turned Pellet Mill---motor-driven, diesel engine-driven, gasoline engine-driven and PTO
- 02 Sawdust Roller-turned Pellet Mill---motor-driven and diesel engine-driven
- 03 Plastic Processing Pellet Mill
- 04 Hammer Mill
- 05 Airflow Dryer
- 06 MPL 300 Biomass Mobile Pellet Plant
- 07 200-500kg/h Small Pellet Plant
- 08 Biomass Pellet Mill--- KMPM25 / KMPM35 / KMPM42 & KMPM508
- 09 Wood Chipper
- 10 Hammer Mill
- 11 Drum Dryer
- 12 Counterflow Cooler
- 13 Pellet Packing Machine
- 14 Biomass Pellet Line
- 15 Forage Pellet Mill---motor-driven, diesel engine-driven, gasoline engine-driven and PTO
- 16 1300-1800kg/hour Feed Pellet Line
- 17 Ring Die Pellet Mill For Feeds
- 18 Feed Pellet Line
- 19 Feed Mash Line



## About GEMCO

Anyang GEMCO Energy Machinery Co., Ltd, situated in Anyang, the 3000-year-old ancient capital city of Central China, takes advantage of the supreme location and transportation hub. Established in 1997, GEMCO boasts the earliest enterprise engaging in manufacturing biomass processing equipment (including biomass pellet mills and complete plants) and renewable energy machines. Besides, we have been enrolled as a member with China Association of Rural Energy Industry and a member with China Standards Institute on Biomass Flat-die Technology. Covering an area of about 65 Mu (about 43,333 square meters), the company, with more than 150 employees, possesses fixed assets of about 20 million Yuan (about USD 3.212 million). We have long set up a technology R&D center and also professionally established departments for pellet mill, briquetting machine, forming machine, renewable equipment and oil press projects respectively. Among our employees, 25 of them are top-notch technicians and 8 senior engineers having obtained doctorate or master degrees. Embracing certificates of ISO9000 and CE, GEMCO also boasts one of the key renewable machinery manufacturers enjoying national encouragement policies. Remarkably, 80% of our products have been serving clients overseas in more than 50 countries and regions.

Having state of the art manufacturing equipment, we dedicate to R&D, manufacturing, installing, and debugging biomass energy machines as a whole. Our products have enjoyed a good reputation at home and abroad, such as in Europe, Southeast Asia and Africa. Apart from that, we have set up overseas agencies and offices in the US, Russia and Ethiopia as well as domestic offices in Beijing, Nanjing, Guangzhou, Zhengzhou and Urumuqi of China's Xinjiang.

We take integrity-based, quality-oriented and client-centered concept as the core value of development, and regard "Green Energy Revolution for a Better Life" is a better motto. as the concept for further progress. We have devoted ourselves to biomass technology R&D in an effort to make better contribution to environmental protection, the application of renewable resources and the improvement of people's lives.



## Sawdust Die-Turned Pellet Mill

The ZLSP Sawdust Flat Die Pellet Mill as a late-model biomass is specialized in processing various kinds of biomass raw materials. The driving gear is made of superior alloy steel. The gear surface processed via carburizing and quenching also has been fine-ground. Consequently, it embraces the advantages of steady transmission, low noise, excellent loading capacity, slow temperature rise, long service life and good pressure tolerance.

### Motor-driven Type (Model B)



Type	Power (kw)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 150B	Three phase 5.5	50-100	95/110	800x450x700
ZLSP 200B	Three phase 7.5	80-120	200/230	1050x480x930
ZLSP 230B	Three phase 11	120-200	290/320	1180x540x1000
ZLSP 260B	Three phase 15	160-250	320/360	1240x540x950
ZLSP 300B	Three phase 22	250-400	350/380	1300x560x1100

### Motor-driven Type (Model C)



Type	Power (kw)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 150C	Three phase 5.5	60-110	105/125	1000x480x780
ZLSP 200C	Three phase 7.5	80-120	210/230	1050x550x830
ZLSP 230C	Three phase 11	120-200	290/320	1200x560x950
ZLSP 260C	Three phase 15	160-250	340/370	1240x580x1000
ZLSP 300C	Three phase 22	250-400	425/465	1300x620x1100

### Diesel Engine-driven Type (Model A)



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 150A	8	50-100	180/220	1000x500x750
ZLSP 200A	15	80-120	210/240	1460x750x900
ZLSP 230A	22	120-200	280/310	1560x850x1000
ZLSP 260A	33	160-250	330/360	1200x500x1070
ZLSP 300A	41	250-400	410/450	1220x600x1000

### Gasoline Engine-driven Type (Model Q)



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 150Q	10	50-100	180/220	1000x500x750

### PTO Type (Model P)



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 150P	≥8	50-100	90/110	900x540x1020
ZLSP 200P	≥15	80-120	130/150	1000x540x1020
ZLSP 230P	≥22	120-200	175/200	1000x540x1020
ZLSP 260P	≥33	160-250	235/255	1050x540x900
ZLSP 300P	≥41	250-400	305/325	1100x540x1000

# 02

## Sawdust Roller-Turned Pellet Mill

The ZLSP Roller-Turned Pellet Mill is professionally developed to process such biomass material as sawdust, straw, rice husk, bamboo sawdust, peanut shell, bagasse and alfalfa, etc. The die compression ratio can be selected as per the specific material. Die service life can be prolonged if both sides of the die are used. The all-steel structure and the superior reducer inside can manufacture a variety of materials and will exert a better pelletization effect with lower noise during operation.

### Motor-driven Type (Model B)



Type	Power (kw)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 420B	37+ 0.37	400-600	1050/1100	1680x650x1500 550x450x1100
ZLSP 400B	Three phase 30	350-450	770/810	1400x800x1450

### Diesel Engine-driven Type (Model A)



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 200A	15	80-120	320/350	1460x950x1100
ZLSP 300A	41	250-350	850/890	2480x700x1100
ZLSP 400A	55	350-450	1010/1050	2600x800x1300
ZLSP 420A	62	400-600	1200/1250	2640x700x1500

# 03

## Plastic Processing Pellet Mill

Based on biomass pelletization principles, the newly-developed plastic processing pellet mill ZLSLG300B is designed also according to the plastic (aluminium-plastic panel stuffing) physical characteristics of adsorbability and being fusible by heat. Enjoying the edges of easy-to-handle, high yield and low cost, it really is an optimized combination of all strong points from both roller-turned pellet mill and die-turned pellet mill.



Type	Power (kw)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSLG300B	22	600-800	305/325	1350x560x1130

## Hammer Mill

# 04

As one of the state of the art designs, hammer mill TFS is suitable for processing fodder for the fields of agriculture, stock raising, fishery and for biomass industry to pelletize such materials as straw, corn stalk, peanut shell, weed and tree branches and twigs, etc. Material after conveyed into the crushing chamber will be pulverized by the swiftly rotating hammer plates. Then smashed pieces will be tossed out of the machine via centrifugal force from the rotor and suction force from the fan. Particles failing to pass through the sieve meshes will be re-pulverized as same as the process above.

### Motor-driven Type



Type	Power (KW)	Output (kg/h)	Weight (kg)	Package size (mm)
TFS158	Single Phase /1.5	60-120	75/95	620x490x620
TFS198	Single Phase /3Phases/3	120-150	120/135	1000x750x120
TFS420	7.5	250-500	250/270	1200x1000x1220
TFS420	11	250-700	300/320	1200x1000x1220
TFS500	22	800-1000	710/755	2000x900x1700
TFS500	30	800-1300	785/830	2000x900x1700



## Diesel-driven Type



Type	Capacity (Hp)	Output (kg/hr)	Weight (kg)	Package size (mm)
TFS420	15	250-500	370/390	1650x800x1120
TFS420	22	250-700	390/410	1650x800x1120
TFS500	55	800-1100	Cyclone: 125/145 Hammer Mill: 310/330 Diesel Engine: 560/590	2700x900x1700 1150x800x1270 1500x1050x1320

# 05 Airflow Dryer

The dryer is used to decrease the moisture content of biomass raw material in complete pellets production. For small pellet plant (50-800kg/h), we usually suggest airflow dryer. If your raw material has moisture higher than 12%, it is advised to choose a dryer together with the pellet machine.



## GC-DL series drying system for low moisture content of 20-25%

Model	GC-DL-4	GC-DL-7.5	GC-QL-11	GC-QL-15
Capacity(Kg/hour)	200 -250KG	400 -500KG	500 -700KG	800 -1000KG
Size of Input Material (Diameter)	< 3mm & < 5mm	< 3mm & < 5mm	< 3mm & < 5mm	< 3mm & < 5mm
Temperature of Hot Air	150°C~220°C	185°C~220°C	150°C~220°C	150°C~220°C
Consumption of Wood Waste for heating the dryer	50 -65 kg/h	60 -75kg/h	65 -90kg/h	100 -120kg/h
Power (Centrifugal Fan)	4kw	7.5kw	11kw	15kw
Net/Gross Weight	1760kg	2100kg	2400kg	2600kg
Dimension(m)	9x2x3.3m	13x2x3.3m	16x2x3.3m	17x2x3.3m

## GC-DH series drying machine for high moisture content of 30-50%

Model	GC-DH-5.5	GC-DH-7.5	GC-DH-11	GC-DH-15	GC-DH-18.5
Drying rate (kg/h)	250 -350	300 -400	600 -800	800 -1000	1000 -1200
Active Power (kw)	5.5	7.5	11	15	18.5
Feeding power (kw)	1.5	1.5	1.5	1.5	1.5
Weight (kg)	2200	2500	3000	3500	4000
Pipe minimum diameter (mm)	260	300	350	400	450
Water content	30% -40%	30% -40%	30% -40%	30% -40%	30% -40%

# MPL 300 Biomass Mobile Pellet Plant

# 06

This **MPL 300 small moveable multifunctional complete pellet plant** is specially designed for pelletizing production. With the delicate structure design, the necessary processing equipments are arranged in one piece of complete plant, primarily consisting of hammer mill, cyclone separator, bin, screw conveyor, pellet mill, vibrating screen, scraper conveyor, electric cabinet, and foundation frame. The pellet plant integrates the processing functions of crushing, pelletizing, cooling, transporting, etc into one complete plant, improving working efficiency remarkably and lowering your pellets production costs. One operator can manage the operation of this whole plant by simple adjusting the operation buttons, lowering your labor cost efficiently. Patented pelletizing technology guarantees a flexible applicability, satisfying customers with different requirements.

Based on experienced practice in biofuel industry and customers' feedbacks and requirements, our MPL300 mobile pellet plant is designed with the advanced technology from abroad, beaming the charms of Europe and America style. The plant is widely used to produce feed pellets and wood fuel pellets. And it is consisted of hammer mill, mixing silo, pellet mill, cooler and other multifunctional machines, with appealing appearance satisfying various tastes and requirements from different customers.

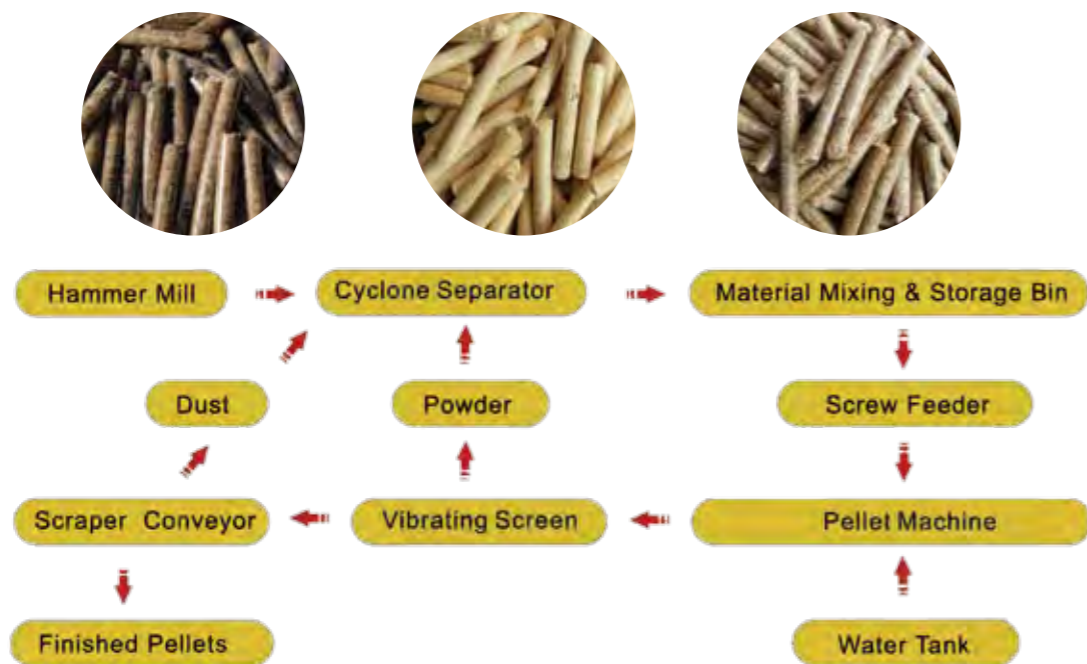
- **Wide Application Range:** Any kind of biomass materials contents wood fiber, such as peanut shell, bagasse, castor shell, straw, sawdust, coffee grounds, rice husk, sunflower shell, cotton stalk, tobacco residue, leaf mustard stalk, bamboo, jute residue, tea residue, wheat-straw, palm shell, bean shell, coconut shell, dregs of decoction, and wood waste, etc.
- **Applicability:** This mobile plant is flexible so that it's convenient to move the plant out. And due to the delicate design, the volume of the multifunctional plant is small and favorable for transportation.



- The final pellets are widely used in heating and electricity industries as biofuel. Also, the feedstuff pellets can be used as the foods for cow, sheep, rabbits and other poultry.
- Performance of the Mobile Line: The mobile pellet plant with multifunction is consisted of the systems of crushing, separating, air feeding, mixing, moisture adjusting, pelletizing, sieving, cooling, conveying and packaging, etc. And also the frequency conversion technology is adopted to adjust the main parts. The whole working flowchart is reasonable.
- All of the electrical parts used are from the Schneider, so they are reliable. To ensure continuous production, the frequency conversion motors are installed in the feeder and screw conveyor to adjust the feeding speed.



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
<b>Feed pellet(2.5mm-8mm)</b>				
MPL300D	41.44	500-700	2300	3500x1960x3500
<b>Wood pellet(6mm-10mm)</b>				
MPL300R	41.44	250-350	2300	3500x1960x3500
MPL400R	49.44	350-450	2400	3500x1960x3500
MPL420R	56.81	400-600	2500	3500x1960x3500



## 200-500kg/h Small Pellet Plant

The 200-500kg/h wood pellet plant is a small scale wood pellet plant, which is suitable for small farms or people who want to enter the pellet production field. It is in fact not complex.

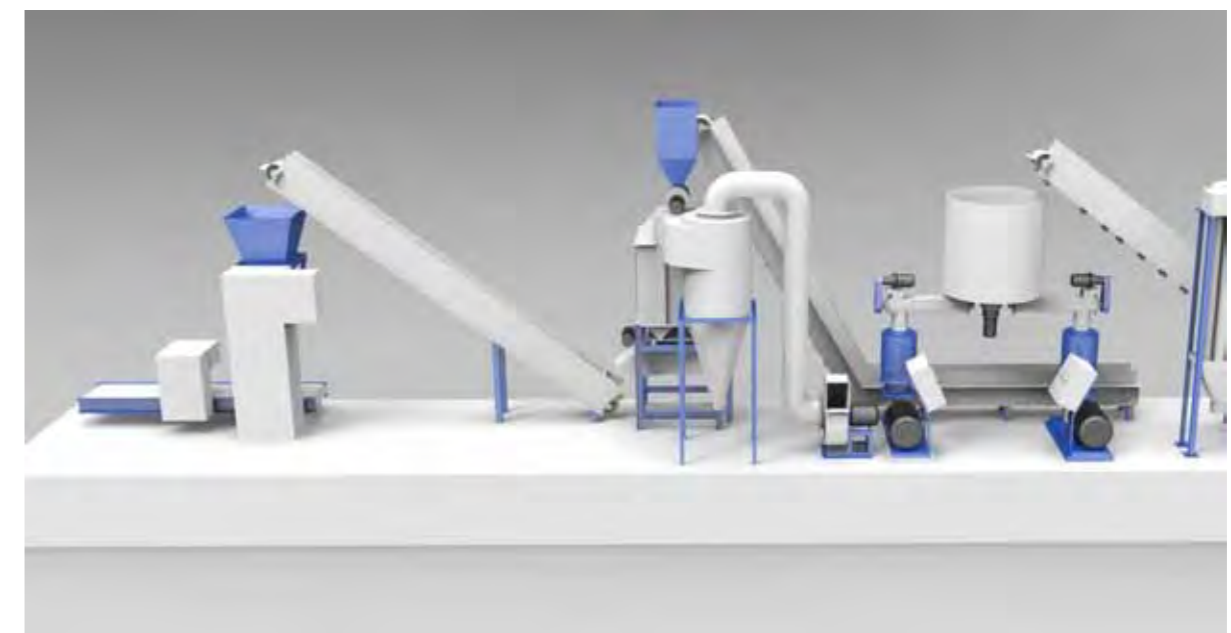
The wood pellet plant can process not only wood chip, wood shaving, sawdust, but also agricultural waste and straw, stalk, grass, alfalfa, etc.

### The working process of small pellet plant

Wood raw material processing (chipping, crushing)—drying—pelletizing—cooling—packing and storage.

### What equipments does small pellet plant include?

Crusher, Dryer, Conveyor, Small pellet mill (electric, diesel, PTO or gasoline), Cooler, etc.



# 08

## Biomass Pellet Mill

### KMPM25

This is smallest ring die pellet mill to process biomass materials. If you want to start a small pellet making business, this is good choice. This mill uses only 22KW of 3 phase electric power which makes it very economical to use. There are also two small motors for screw feeder and force feeding



Model	Capacity (kg/h)	Power (kw)	Dimension (mm)	Weight (kg)
KMPM25	200-250kg/h	22+0.75+0.37kw	1700*1200*1000mm	800kg

### KMPM35

This is the pellet mill with double belt driven structure. The working principle is the biomass material enters the pellet chamber through the forced feeder. Because of high speed rotation of die, the materials are driven to the section between die and roller. Then under the forceful extrusion, the biomass material is extruded solid and takes shape in the die hole



Model	Capacity (kg/h)	Power (kw)	Dimension (mm)	Weight (kg)
KMPM35	500-800kg/h	30*2+0.75+0.75kw	2150*1950*1900mm	2200kg

## KMPM42 & KMPM508

The machine adopts aerodynamics technology & the current round principle, which used to reduce the temperature in pelletizing chamber to around 90°C. Then it can increase the lifetime of the ring die etc. It is pellet mill with gear driven structure, which the gears are treated by hardness quenching and processed by a milling machine. Thus maintain high concentricity with the shaft. These guarantee high performance and improved capacity over belt driven models



Model	Capacity (kg/h)	Power (kw)	Dimension (mm)	Weight (kg)
KMPM42	1000-1500kg/h	90+1.5+3kw	2600*1000*2000mm	3400kg
KMPM508	1500-2000kg/h	132+1.5+3kw	2990*1200*2410mm	4500kg

## Wood Chipper

# 09

Drum chipper is a special equipment for wood chip production, it is widely used in the wood based particleboard, fiberboard, paper&pulp industries and wood chip production bases for stock preparation. Small-scale drum chipper is also ideal for material preparation in laboratory.

With this machine, small diameter tree, log and woodworking residues (slab, lath, wood core and waste veneer), even non-wood fiber stems (jute, reed, bamboo) can be cut into dimensional chips which are dependent material for man-made board production.





## Drum Dryer

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Model and specification	GCBX216	GCBX218	GCBX2113
Knife rotor diameter	650mm	800mm	1300
Capacity	10 m <sup>3</sup> /h	15m <sup>3</sup> /h	108m <sup>3</sup> /h
Max size of feeding wood log	120-160	160-200mm	230-250mm
Feed opening (H×W)	180×500mm	225×680mm	400×1050mm
Qty of rotor knives	2/3pcs	2/3pcs	2/3pcs
Feeding Speed	37m/min	37m/min	43m/min
Main Motor	55Kw	110Kw	315Kw
Feed roller motor	3×2kw	3×2kw	11×2kw
Chip length (theoretically)	22-30mm	22-30mm	30mm
Weight (kg)	4070kg	7000kg	15000kg

It consists of feeding system, main body, Ducting System and Collector System. It need match stove

Smoke and air with high temperature produced by the stove are the heat source medium. When material enters the drum through the feeder, heat exchange between material and the hot air begins. Material will move along the bent plat on the wall of the drum by the effect of rolling and introduced air, which is called the concurrent flow drying technology



Model	φ 1.2×10m	φ 1.5×11m	φ 1.8×11m	φ 1.8×14m	φ 2.0×15m
Air fan power	22kw	30kw	45kw	45kw	45kw
Inner diameter	1200mm	1500mm	1800mm	1800mm	2000mm
Length	10m	11m	11m	14m	15m
Temperature of inlet air	180-350 ℃	180-350 ℃	180-350 ℃	180-350 ℃	180-350 ℃
Temperature of outlet air	90-100 ℃	90-100 ℃	90-100 ℃	90-100 ℃	90-100 ℃

## 10 Hammer mill

This series hammer can crusher various raw materials (after coarse grinding), which is indispensable equipment in pretreatment section in pellet plant.

This series crusher adopt steel plate weld structure, motor and crusher are installed in same pedestal. Adopt pin coupling direct-connection, rotor is checked by dynamic balance, which also can run reversely. Process gate have safety and interlock device so as to prevent opening process gate while rotor is running. Inlet is on top of crusher. It can match variety of feeding mechanism, hammer is symmetrical arrangement.



Model and specification	SFSP80x45	SFSP80x60	SFSP80x80	SFSP80x100
Rotor diameter (mm)	800	800	800	800
Width of crushing chamber (mm)	450	600	800	1000
Main shaft speed (rpm)	1500	1500	1500	1500
Hammer linear speed (m/s)	110	110	110	110
Hammer quantitys size	48	64	84	116
Equipped power (kw)	22-30	30-37	45-55	75-110

## Counterflow Cooler

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The ambient cooling-air flows vertically through the discharge-mechanism and the layer of pellets.If retention time and cooling air-flow setting are optimal, outlet temperature of the pellets of 2-5 ℃ above the ambient temperature can be achieved. The complete cooling system includes cooler, cyclone, air lock, and cooling fan.



# 13 Pellet Packing Machine

Model	SKLN11x11	SKLN14x14	SKLN16x16	SKLN18x18
Capacity (feed)	1-2t/h	3-5t/h	5-7t/h	10t/h
Main power (kw)	0.55	0.75	1.5	1.5kw
Cooling time	10-15 minutes	10-15 minutes	10-15 minutes	10-15 minutes
Moisture reducing (%)	≥3.5	≥3.5	≥3.5	≥3.5
Volume	1.1m3	2.25 m3	4m3	6m3

This machine is dedicated for granular /Pellet quantitative packing application field. It uses a free dropping feed system, fast and precise valves make the material feeding process frequent and stable. Material directly goes into the bag, no jam, no sticking. Meantime, the easy-operation, easy-assembling, easy-maintenance and excellent stability are integrated into this machine.

Precision	+/-0.2%
Packing speed	100~200bags per hour
Weighing scale	10kg-50kg per bag
Power Supply	220Va.c and 4N-380Va.c
Power Dissipation	1.5kW
Compressed Air	0.4MPa0.6MPa
Compressed Air Consume	0.5m3 per hour



Precision of weighting	0.2 Grade
Packing speed	5-20bags per hour
Weighing scale	1000-1500kg
Tolerance	+/-0.2%
Compressed Air	0.6Mpa

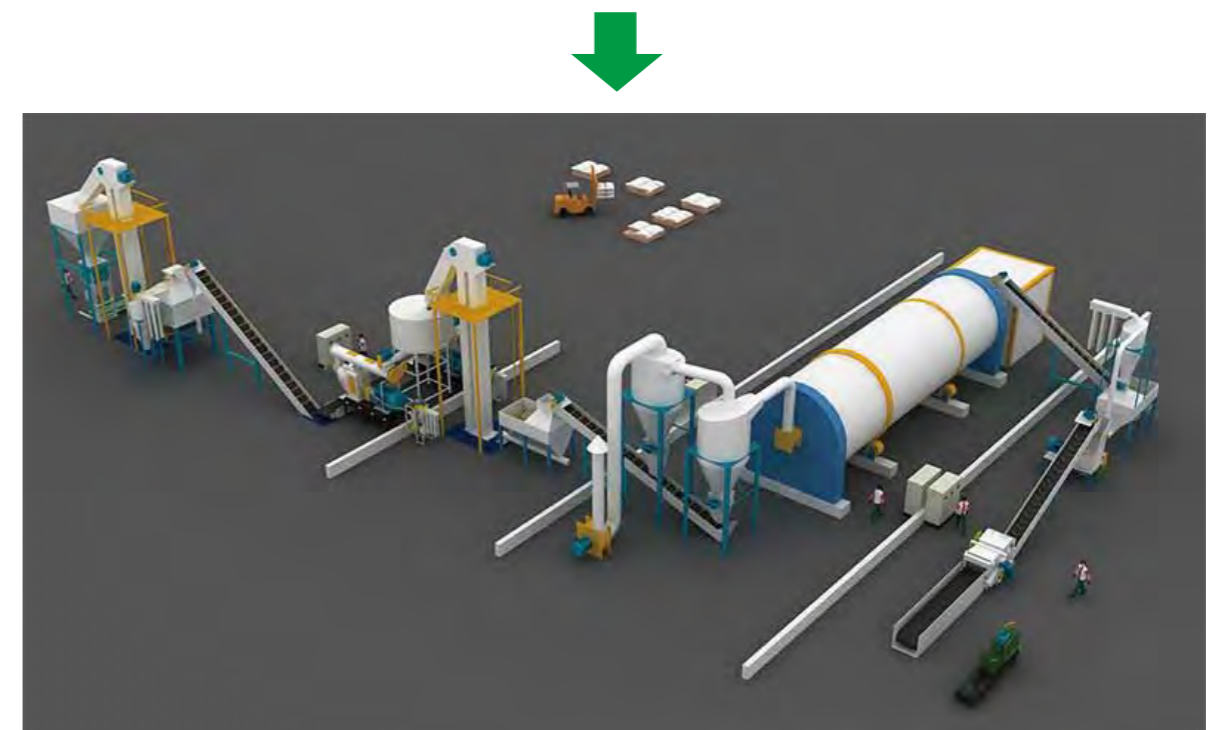
# Biomass Pellet Line

# 14

Corn stalk Bagasse Grass EFB Sawdust Wood chips Polishing powder Wastes



## 3D Flow Chart of Complete Biomass Pellet Plant



Heating fuel Cooking fuel Generating fuel Animal fodder Cat litter Organic fertilizer

Pellet Sales



## Fodder Pellet Mill

The ZLSP Forage Flat Die Pellet Mill, which adopts the international advanced technology, boasts a new designed model by GEMCO possessing advantages of low cost, convenient operation and maintenance as well as high yield, etc. According to clients' requirements, many kinds of pellets can be manufactured via different models of pore diameter; and feed pellets for livestock will be produced through both different compression ratios and raw material properties.

### Motor-driven Type (Model B)



Type	Power (kw)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 120B	Three phase 3/single phase 2.2	60-100	80-100	750x320x680
ZLSP 150B	Three phase 4	90-120	95/110	800x450x700
ZLSP 200B	Three phase 7.5	200-300	200/230	1050x480x930
ZLSP 230B	Three phase 11	300-400	290/320	1180x540x930
ZLSP 260B	Three phase 15	400-600	320/360	1240x540x950
ZLSP 300B	Three phase 22	600-800	350/380	1300x560x1100
ZLSP 400B	30	800-1100	700/740	1600x640x1300

### Motor-driven Type (Model C)



Type	Power (kw)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 150C	Three phase 5.5	90-120	105/125	1000x480x780
ZLSP 200C	Three phase 7.5	200-300	210/230	1050x550x830
ZLSP 230C	Three phase 11	300-400	290/320	1200x560x950
ZLSP 260C	Three phase 15	400-600	340/370	1240x580x1000
ZLSP 300C	Three phase 22	600-800	425/465	1300x620x1100
ZLSP 400C	30	800-1100	700/740	1600x600x1300

### Diesel Engine-driven Type (Model A)



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 120A	8	60-100	120/140	900x500x730
ZLSP 150A	8	90-120	180/220	1000x500x750
ZLSP 200A	15	200-300	210/240	1460x750x900
ZLSP 230A	22	300-400	280/310	1560x850x1000
ZLSP 260A	33	400-600	330/360	1200x500x1070
ZLSP 300A	41	600-800	410/450	1220x600x1000
ZLSP 400A	55	800-1100	920/960	2050x800x1300

### Gasoline Engine-driven Type (Model Q)



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 120Q	7.5	60-100	120/140	900x500x730
ZLSP 150Q	10	90-120	180/220	1000x500x750

### PTO Type (Model P)



Type	Power (Hp)	Output (kg/h)	Weight (kg)	Package size (mm)
ZLSP 120P	≥8	60-100	80/100	900x540x900
ZLSP 150P	≥8	90-120	90/110	900x540x1020
ZLSP 200P	≥15	200-300	130/150	1000x540x1020
ZLSP 230P	≥22	300-400	170/200	1000x540x1020
ZLSP 260P	≥33	400-600	235/255	1050x540x900
ZLSP 300P	≥41	600-800	305/325	1100x540x1000
ZLSP 400P	≥55	800-1100	450/470	1310x900x1500

## 1300-1800kg/hour Feed Pellet Line

1300-1800kg/hour Feed Pellet Line is GEMCO newly developed pellet production line for industrial and commercial use. It is a basic pellet line that is composed by ZLSP550B pellet machine and movable screw feeder. Other auxiliary equipments like hammer mill, dryer, cooler, etc. can be combined in this pellet line.



Specifications of this pellet production line

### Pellet machine

Model	Power (KW)	Capacity	Weight (kg)	Dimension (mm)
ZLSP550B	55	1300-1800kg/hour for feed	1900	2300x750x1850

**Remark:** the capacity is basis on saw dust as raw material under hundred times testing.

### Screw feeder

Model	GMSLLX75D
Power	1.5KW
Capacity	100-2000kg/hourg
Conveying length	2.5M or so
Working temperature range	-20° ~ 40°C
Conveying material temperature range	-20° ~ 200°C

## Ring Die Pellet Mill For Feeds

Ring die Pellet Mill is the main machine for producing feed pellet and applicable to medium and large sizes feed pellet plant

Our feed pellet mill designed for different usage, the structure is different. Granulation of material such as various feedstuffs for livestock, poultry and aquatic products, grass meal, organic fertilizer, etc

Dies of various hole diameters such as ?2, ?3, ?4, ?4.5, ?5, ?6, ?8, ?10 are available for this machine. Dies of different hole diameters can be made to order for users and users can choose randomly according to their different requirements.

**Function:** make feeds for animals such as chicken, cattle, pig, sheep etc, from raw material sorghum, maize, soya expeller, rice and wheat etc.

**Main Structure:** This ring die feed pellet machine is mainly consist of feeding device (screw feeder), hardening and tempering device (conditioner), face plate, press chamber transmission system, overload protection and electrical control system



Model	SZLH25	SZLH35	SZLH42	SZLH520
Capacity	1.0-2.0t/h	3.0-5.0t/h	6.0-10.0t/h	8.0-15t/h
Main motor power	11kw*2	30kw*2	55kw*2	75kw*2
Feeding motor power	0.75kw	0.75kw	0.75kw	0.75kw
Conditioner motor power	2.2kw	2.2kw	5.5kw	5.5kw
Diamter of ring die	250	350	420	520
Diamter of final wood pellt	2-10	2-10	2-10	2-10



# 18 Feed Pellet Line

Pelleting is a key to the production of high quality nutritional feeds as they ensure that the feed formulation is in the correct quantities for all that eat them. Each bite of a pellet will have the same designed formulation ensuring all the stock are feed as intended.



# 19 Feed Mash Line

Feed mash line always adopt Paddle mixer, ribbon mixer or feed mixer, batch bins. The chain driving and rigidity and design ensure long time operation without trouble. Feed mixer is widely used in compound feed plant, premix feed plant, feed machinery, additives, food and flour plants, etc with the advantages of gentle mixing, no deviation, high mixing homogeneity, beautiful shape, low noise, no dust and environmental protection.



## Projects Gallery





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