



ZLP Flat Die Pellet Mills

Flat die pellet mills are generally used for pellet production on a small to medium scale. The ZLP range of flat die pellet mills below can process a wide range of biomass materials, for a range of applications. These include wood, straws, grasses and other biomass residues.

The ZLP Flat Die Pellet Mills

The ZLP pellet mills have a capacity of **100-350kg per hour** of 6mm pellets.

Raw Material Input Size

Raw material for the pellet mill must have passed through sufficient size reduction before it can be placed in the pellet mill. The raw material must have a particle size of **3-5mm** or below.

Raw Material Moisture Content

To produce quality pellets with a good mechanical durability, the raw material must have consistent moisture content of between on average **14-16 %**.

Roller and Die Configurations

The ZLP 200 and 260 have a fixed roller set-up with a rotating die.

The ZLP 300 and 400 have a fixed die and rotating roller set-up.

Advantages of the ZLP Pellet Mill Range

1. The ZLP range can run continuously for 90 hours without complications
2. Quality pellet compression without the need for additional binders
3. Optional die specifications to produce pellets of 4mm, 6mm, 8mm and 10mm
4. Roller and Die life of up to 300 - 500 hours
5. Complete tool kit and detailed 35 page manual

Electronic Self Protection Device

All ZLP pellet mills come with a temperature protection device installed on the gear box reducer. If the temperature of the gear box oil exceeds safe operating temperature, the temperature protection device will turn off the pellet mill to protect other components.

Pellet Chamber Temperature Protection Device

The ZLP 300 and 400 also include a temperature protection device installed in the pellet compression chamber. If the die has become blocked from foreign objects or raw material with an unsuitable moisture content, the device will turn off the pellet mill to protect the motor.

Internal Gear Reduction To Increase Pellet Compression

The ZLP range has suitable gear reduction for compression of biomass and wood pellets. The increased gear reduction provide more torque to compress high density materials and increase pellet compression and quality. The reduced speed also reduces noise pollution.

ZLP 200 / 260

The ZLP 200 and 260 are the smallest flat die pellet mills in the range. They have a fixed roller configuration with a rotating die template. Both models include a roller and die, with optional hole diameter. Most Pellet Stoves require 6mm pellets.

Model Number	ZLP 200	ZLP 260
Power (Kw)	5.5	11
Productivity (Kg/h)	55-100	100-150
FOB Price USD	2,471	4,294

Rollers and Die

Model Number	ZLP 200	ZLP 260
Die Hole Diameter (mm)	4,6,8,10	4,6,8,10
Roller and Die Life (Hours)	300-500	300-500
FOB Price USD	381	692



ZLP 300 / 400

The ZLP 300 and 40 are the largest flat die pellet mills in the range. They have a fixed die template with a rotating roller section. Both models include a roller and die, with optional hole diameter. Most Pellet Stoves require 6mm pellets.

Model Number	ZLP 300	ZLP 400
Power (Kw)	15	22
Productivity (Kg/h)	150-250	250-350
FOB Price USD	5,353	7,129

Rollers and Die

Model Number	ZLP 300	ZLP 400
Die Hole Diameter (mm)	4,6,8,10	4,6,8,10
Roller and Die Life (Hours)	300-500	300-500
FOB Price USD	1,091	1,409



ZLP Diesel Pellet Mills

ZLP 200 / 260 Diesel

The ZLP 200 and 260 also come with optional diesel engine. They have a fixed roller configuration with a rotating die template. Both models include a roller and die, with optional hole diameter. Most Pellet Stoves require 6mm pellets.

Model Number	ZLP 200	ZLP 260
Diesel Engine (Hp)	12	15
Productivity (Kg/h)	55-100	100-150
FOB Price USD	3,882	5,824



ZLP 300 / 400 Diesel

The ZLP 300 and 400 come with optional diesel engines. They have a fixed die template with a rotating roller section. Both models include a roller and die, with optional hole diameter. Most Pellet Stoves require 6mm pellets.

Model Number	ZLP 300	ZLP 400
Diesel Engine (Hp)	19	24
Productivity (Kg/h)	150-250	250-350
FOB Price USD	7,706	10,306



FOB Price USD

The FOB price does not include shipping

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