



河南睿企机械设备有限公司
HENAN RICHI MACHINERY CO.,LTD

MACHINERY RICHI

CONTACT US

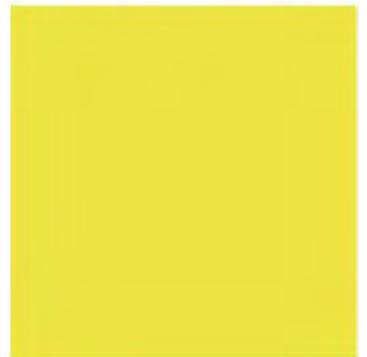
 Wood-pellet-plant.com

 +86-15003890639

 sales@cnrichi.cn

 +86-15003890639

**PROFESSIONAL PRODUCTION
PELLET MACHINERY**



Hemp Pellet Machine

model: MZLH

Capacity: 600kg/h-25t/h

Final Pellet: 6-12mm

Certification: CE, ISO, SGS



Overview

The fuel pellet market is currently dominated by premium grade wood pellets, with some niche companies also offering grass and straw pellets. However, the waste wood used for fuel pellets is a limited supply and grass and straw pellets produce more ash, plus clinker and corrosion issues, so many stoves and boilers cannot use them.

The demand for woody shiv is still in its infancy in Canada and the UK and the

+86-15003890639

sales@cnrichi.cn

United States is interested in hemp harvesting and renewable energy. With the Farmer's Almanac reporting a colder than usual winter season this year, legislators need to step up efforts in recognizing hemp as a natural alternative for energy

Features

1. Advanced gear-driving system with motors on this wood pellet machine, stable and reliable.
2. Adopting high-qualified components on this wood pellet machine, with stable performance, long service life and low noise.
3. Whole transmission parts (including motor) of this wood pellet machine chooses high-quality NSK/SKF bearings to ensure the transmission efficient, stable, low noise. Main motor choose Siemens.
4. This wood pellet machine is equipped with full single layer stainless steel feeder, forced feeder, ring die and cutter .
5. Adopting international advanced technology on this Hemp pellet machine: German gun drill and vacuum furnace heat manufacturing process in ring die making to ensure the pellets smooth and of high quality.

So what's holding Hemp Pellets back?

The biggest issue with hemp is the current legal restrictions around its growth. Industrial hemp under many laws today is covered under the umbrella of laws restricting the growth of marijuana. While hemp may look very similar to marijuana it is not the same plant. The THC content of industrial hemp is so small it's said you would have to smoke a whole field of hemp to feel any effect. Even where hemp is currently legal there are restrictions on its growth. In the UK you can only grow hemp if there is a

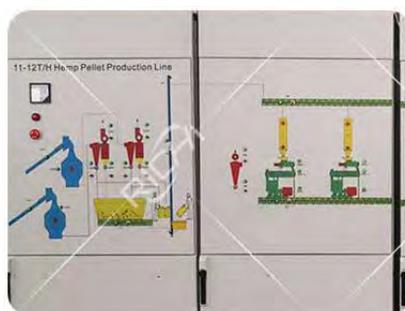
suitable processor to take your crop. But this creates the ‘chicken and egg’ scenario. It’s very hard to grow hemp as there are very few legally registered processors. And there are very few hemp processors because they don’t have a ready supply of industrial hemp.

Is all of the Hemp Plant used to make Fuel Pellets?

No, hemp fuel pellets are only produced from the shiv. Hemp shiv is the woody core of the hemp plant. First, the outer fibre is separated from the hemp plant and goes to make clothing and other products. Large hemp shiv particles can be used in construction in combination with lime. What’s left over are small shiv particles and its these particles that can be processed into hemp pellets.

Conclusions on Hemp Fuel Pellets

While wood pellets are currently where the fuel pellet market is focused, hemp pellets could hold significant market share in the future. As the use of industrial hemp scales up, more hemp shiv and shiv dust will be produced. That’s a particular aspect of hemp fuel pellets I find so appealing. The raw material is a byproduct of a byproduct. It means making fuel pellets from hemp is the most efficient fuel pellet process there is



Parameter

Model	MZLH320	MZLH350	MZLH420	MZLH520	MZLH768	MZLH858
Anti-caking Feeder Power	1.5KW	1.5KW	1.5KW	2.2KW	3KW	3KW
Forced Feeder Power	0.55KW	0.55KW	0.55KW	0.75KW	1KW	1KW
Capacity	300-400kg/h	500-700kg/h	1.0-1.2 t/h	2.0-2.5 t/h	2.5-4 t/h	3-4.5 t/h
Pellet Machine Power	37kw	55kw	90kw	110/132kw	250/280kw	280kw
Final Pellet	6-12mm	6-12mm	6-12mm	6-12mm	6-12mm	6-12mm