



**RADVILISKIS  
MACHINE  
FACTORY**

## **Make some extra money from straw**

**Any farmer or company with large quantities of leftover straw can develop business and make extra money!**

**Our product:**

Straw shredding and pelleting equipment set

**Capacity:**

1000-1300kg pellets per hour

**Buyer:**

Any person or Company which has large amount of leftover straw

**Material:**

Round and square straw bales with humidity no more than 16%

**Required amount:**

3000-5000 ton straw per year



**JSC “Radviliskis Machine Factory”** produces and sells pelleting equipment set.

More than 60 years' experience of technology manufacturing has allowed us to develop and present a fully equipped straw milling and pellets production equipment set which is ready for pellet production. Equipment suitable for individual households, communities, homes, and businesses, which have accumulated large quantities of straw.

Pellet production equipment set installed in customer premises in about a week.

Dry straw required for pellets production. These results lower manufacturing costs.

Pellet press, as a new source of income, is beneficial to the use for environment and society.

To produce 1 ton of pellets is required ton of straw. Our pellet press per hour produces 1000-1300 kg of pellets. Per 24 hours it can produce about 20-22 tons of pellets.

2000 tons of pellets can replace 1,000 tons of fuel oil per year. This can reduce 250 tons CO<sub>2</sub> emissions into the atmosphere.

Pellets can be used for home heating, into co-generation plants.



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## **Pellet press OGM-1,5A**

This is the only original Lithuanian pellets press with capacity up to 1300 kg straw pellets per hour.

Pellets diameter can be from 3 to 14 mm. Length is controlled by knife.

**Raw material** – the most important part in your pellets business. To get high quality pellets you have to use round or square straw bales with humidity no more than 15%.

Only from dry, clean, without stones and soil material it's possible to make high quality pellets. So **raw material** is your assignment number one.

**No waste process** – collected dust can be inserted again.

No need for additional binder or glue. The only binder is **humidity** from straw or (if material is drier than 9%) **water**.

## **Straw shredding and pellets producing equipment set SSGL-1**

It is fully completed equipment suitable for the straw pellets production.

### **Set includes:**

- Transporter for straw bales (round, quadrate)
- Shredder/ Crusher.
- Hammer mill with stone catcher.
- Cyclones with sluice gates.
- Air filtration equipment.
- Electricity control boxes (2 units).
- Pellet press OGM-1, 5A (equipment set)
- Packing into Big Bags equipment.
- EKO filters

### **Production process:**

Straw bales, with the help of transporter, come to the shredder. There they are shredded to 10-90mm length pieces. Through the stone catcher, shredded material is delivered to the hammer mill by a screw transporter. It grinds the material and blows it into the cyclone-settler. Dust goes out from the cyclones to the air filtration equipment. From the cyclone-settler, grinded straw enter screw transporter, then bunker, from which, through batcher and mixer - to the pellet press OGM-1,5A. Material, with the help of the rollers, is pressed through the rotating ring die(matrix) holes and pellets are formed. Then pellets are transported into the cooler. Dust free pellets are then ready for storage, fed into the packaging equipment and packed in to big bags (600-1200 kg).

## **Pellet producing equipment set SSGL-1 with original press OGM-1,5A**



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Contact us if you have more questions about pelletizing equipment.