Rezult. WOOD PELLETS





HONEST GUARANTEE

REZULT is a guarantee of stability in the everething, starting from partnership relations to the quality and on-time delivery.

QUALITY CONTROL

For constant quality control and compliance of the manufactured product parameters, the plant has its own laboratory equipped with modern specialized equipment from the BEA Institute of Bioenergy, Austria (BEA Institut für Bionenegie GmbH). Pellets are manufactured in accordance with the requirements of EN Plus standard, quality class A1 and FSC supply chain certification standard.

These specifications set strict requirements for equipment, quality of the pellets, training of personnel in the field of production and laboratory analysis, as well as the quality of raw material and its origin.

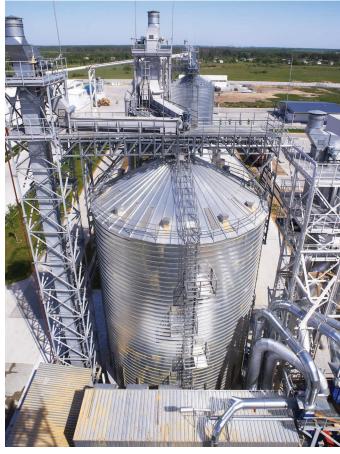


REZULT Reliability

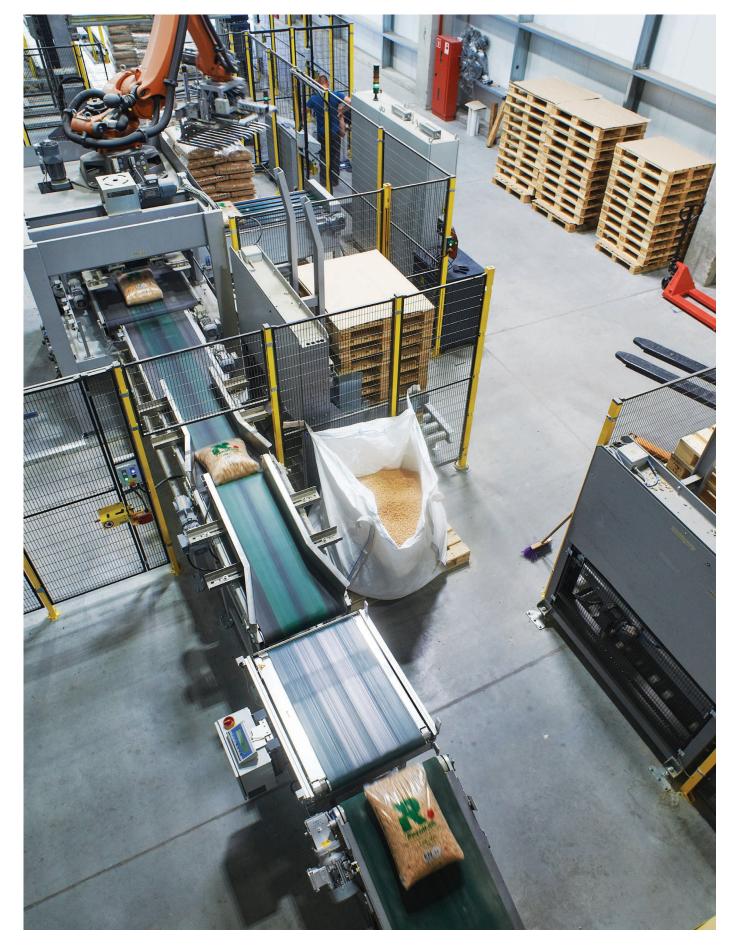
PRODUCTION CAPACITY

The volume of production is stable and provides a guarantee to our customers in planning the amount of purchases. The production capacity of the plant is 140 thousand tons per year. The production has modern equipment from leading manufacturers: the process of drying sawdust occurs on Stela's equipment, granulation on CPM equipment, packaging on Roboteh packaging line, all automation processes are based on the management of Siemens, Schneider Electric.











COMPANY

REZULT wood pellets – the brand of Korosten pelletizing plant, thelargest producer of fuel pellets in Ukraine. The production site is located in the city of Korosten (11506), Zhytomir region, on the main road Kyiv-Warsaw (E373). The distance to the border with EU countries – 315 km, to the seaport of Odessa – 600km. The plant has its own railroad access to the railway station (code 346308). Our suitable location allows us to deliver products to major Europeanconsumers of alternative fuels, as well as anywhere in the world.

Raw material for the production of pellet is sawdust from the cutting of debarked wood (100% coniferous) by Ukrainian Holding Sawmill LLC operating on the equipment of the top German companies in this industry like: HOLTEC, LINCK, SPRINGER etc. The sawdust gets into silo storage 2180 m directly from the cutting with a help of Vecoplan conveyor 400m /h.







Drying of pellets is carried out on belt dryer mmStela 22 t /hour 45%-10% MC



Actual characteristics of the fuel pellets



LENGTH

MOISTURE

ASH CONTENT

6 ± 1 mm

 $3,15 \le L \le 40,00 \text{ mm}$

≤ 10,0 w-%

 \leq 0,30 w-%



MECHANICAL DURABILITY

 \geq 98,0 w-%



FINES

≤0,5 w-%



NET CALORIFIC VALUE

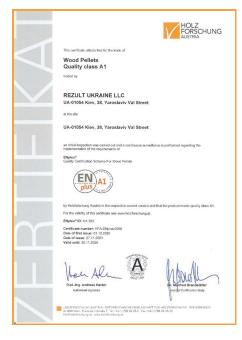
VALUE

≥4,6 kWh/kg



BULK DENSITY

 $600 \le BD \le 750 \text{ kg/m}^3$











REZULT Quality

Granulation is carried out on CPM equipment: two granulation line this four press machine with a capacity of 5 tons per hour each and with total production capacity of 20 tons per hour.





Packing

- 70/75 bags are packed on a pallet of 1150*950*145 mm;
- Pallet is covered with sheet cardboard 1150*950 mm;



- The bags are covered with polyethylen sheet of 1800*1800 mm;
- Packaging is stretched with a film;
- Net weight of Euro pallet 1,050/1,125;
- Logo upon customer's request



Big bag packing scheme:

Polypropylene bag with density 130 g/m

- 1000*1000*1700 mm net weight 1.1t.
- 1000*1000*1800 mm net weight 1.25t.



Loading of fuel pellets

Loading standards

Transport types:

- Truck;
- 40 feet containers on truck / rail.

Loading weight:

Truck, 15 kg: 21 pallet/70 sacks - 22.05

Net/22.68 tons Gross;

Truck Big Bag: 20 pcs (1.1t) - 22.00 tons Net

22.06 tons Gross;

40 feet container, 15 kg: 24 pellet/75

sacks - 27.00 tons Net/27.72 tons Gross;

40 feet container, Big Bag; 22 pcs (1.25t) -

27.50 tons Net/27.632 tons Gross.





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