



Hekotek complex solutions for by-products processing are based on our experience and expertise in the field of conveyor systems, aspiration and heat energy production.

We offer engineering design of 'turn-key' module solutions with respect to the possibility of further development of the customer's production facilities.



GENERAL AND TECHNICAL CHARACTERISTICS

- Sawdust of natural moisture content used as raw material for pellets production. Special solutions with chippers for other types of raw material (chips, processing waste of sawn timber, round log)
- Furnace to produce necessary amount of heat energy (~4 MW) for sawdust drying ensure also that bark and chips can be used as fuel. Recommended calorific capacity of the fuel applied – not less than 10 MJ/kg, moisture content up to 55%
- Drier drum capacity – up to 3.5-5.0 ton of dry sawdust, where the share of 10 x 2 x 0.7 mm sawdust fraction – up to 90%, the initial moisture content – up to 60%
- Final moisture content for sawdust coming out of the drier drum (provided that all the above-mentioned conditions are met) – 8-12%
- One pellet press capacity – about 3.5-4.5 ton/hour of ready pellets, final moisture content – 8-10 %
- Instead of drum driers we also offer other sawdust drying solutions (e.g. belt drying)

PELLET MILL STANDARD CONFIGURATION INCLUDES

- Walking floor feeding systems for bark, wet and dry sawdust
- Screw, scraper or belt conveyors for transporting loose material between different units
- For preparing and pressing sawdust, cooling and screening ready pellets we use equipment supplied by leading world manufacturers
- Various solutions for pellets storage (silos, storage houses) and packing (small packaging, 'big-bag' or 'soft container')
- Filter systems with aspiration pipes for collecting saw- and wood dust are based on our extended experience
- Control based on Siemens processor and computer screen visualization
- Supporting structures and frames of maintenance platforms made of strong steel



REFERENCE LIST OF PELLET PLANTS DELIVERIES

Estonia:

Ardor – annual capacity 60 000 ton
 Palmako – annual capacity 30 000 ton
 Purutuli – annual capacity 90 000 ton
 Stora Enso Imavere Sawmill – annual capacity 100 000 ton
 Warmeston – annual capacity 60 000 ton

Belarus:

VMG Borisov – annual capacity 60 000 ton

Latvia:

Pettes 4 Energia – annual capacity 120 000 ton

Russia:

Arkhangelsk LDK 3 (Arkhangelsk) – annual capacity 90 000 ton
 DOK Enisey (Krasnoyarsk) – annual capacity 70 000 ton
 LDK Igirma (Irkutsk region) – annual capacity 100 000 ton

Lesozavod 25 (Arkhangelsk) – annual capacity 70 000 ton

Lesresurs (Irkutsk region) – annual capacity 30 000 ton

LPK Sever (Arkhangelsk region) – annual capacity 60 000 ton

Novoyeniseysky LKhK (Krasnoyarsk region) – annual capacity 60 000 ton

Rusforest Magistralny (Irkutsk region) – annual capacity 30 000 ton

Stora Enso Impilahti Sawmill (Karelia) – annual capacity 25 000 ton

TSLK (Irkutsk region) – annual capacity 70 000 ton

Sweden:

Stora Enso Gruvön Sawmill – annual capacity 100 000 ton

Uddevalle – annual capacity 90 000 ton

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POWER OF COOPERATION

OUR CUSTOMERS' SUCCESS IS OUR ULTIMATE GOAL

Increased value of processed timber can only be achieved through effective solutions ensured by close cooperation with our customers and suppliers. We strongly believe that best solutions are based on cooperation.



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