

ó STROJE

Technologie for recycling shredders tech. granulators, conveyors separate lines,

Lines for the production of granules of the tire



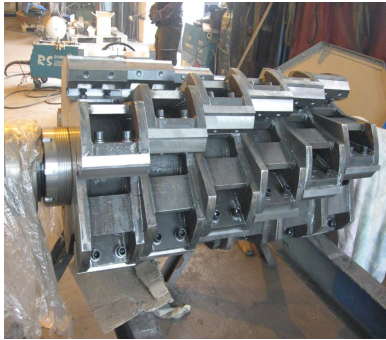
Lines for the production of granules of the tires are designed for crushing passenger and truck tires, disposed of their heel ropes. It can be variably produced according to customer requirements. They are made to have the lowest power consumption and at the same time, the greatest output per hour. You can customize the purity output the size of the output granulometry. The lines are composed of individual sections, where there is a gradual pre-shredding, crushing, grinding.

sequestration of textile and Fe-wires. The material is transported by conveyor and transported to filter in a closed container or Big bags. Fe-wires are transported via conveyor belts to the container. The resulting pulp is after the sorting into output fractions transported by screw conveyors into Big-bag to the expedition. The whole technological process is monitored by a PLC systems, including weighing, temperature control of individual devices and their immediate loading, error message. The entire system and running line is logged and you can get a general overview and a possibility to trace back any deficiencies made by the system, or operator. The line can be connected to the camera system.

The line is composed of different sections:

1. Preparation of tires (removing heel ropes and cut large tires)
2. Preshredding (rough crushing tires into large pieces, shredder D16)
3. Crushing and sorting chips (set of two crushers and star separator)
4. Successive grinding using granulators (set of 3 pieces of fine granulators)
5. Pneumatic conveying and cooling (transport fans, cyclones, turnstiles, piping systems, filtration)
6. Sorting vibratory gutters or coarse separation of textiles (set 3 pieces of vibratory gutters and suction)
7. Separation of Fe - wires (set of 4 pieces of Fe separators)
8. Cleaning crushed material from textiles (vibrating screener, suction)
9. Sorting the crushed material into the output fractions(vibration screener with several sieves)
10. Any further treatment(set of fluid purifiers according to the number of the output fractions)
11. Transportation to Big bags, weighing (screw conveyors, digital weighing)
12. The systems of conveyors (belt,screw)
13. Electronic PLC control system and the switchboard

Type Line	Area l x w (m)	Power (kW)	Input (t/h)
LZP 2 t	50 x 12	700	1,8 - 2
LZP 2,5t	60 x 12	850	2,2 - 2,5



Rotor granulators



Star separators



Granulator JG 10



Shredder D16



Granulator JG 10

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