

## From waste to valuable substance

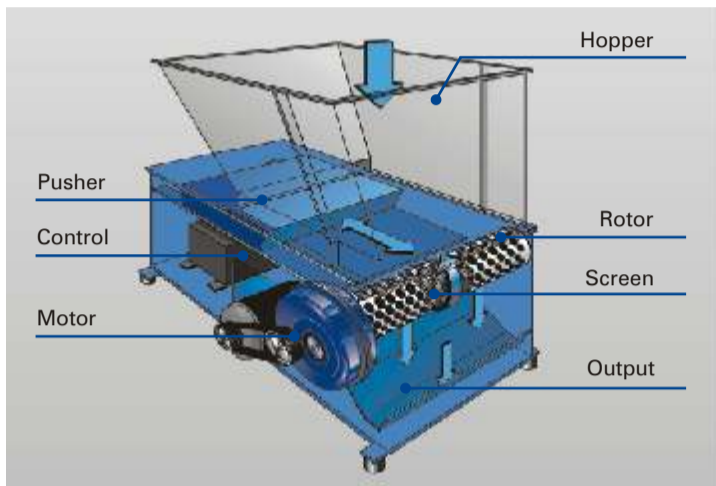
The knowledge of shredding and recycling waste



## Great shredding technology

### Dependable and economical

- Large-capacity hopper
- Hydraulically controlled quiet running pusher
- Optionally with special pressure bar and increased idle speed
- Gimballed hydraulic cylinder
- Slow running profile rotor
- Rotor diameter adjustable to material
- Punched screen with different hole diameters
- Catching device for shavings transport with extraction or worm and/or transport conveyor
- Motors between 11 and 150 kW



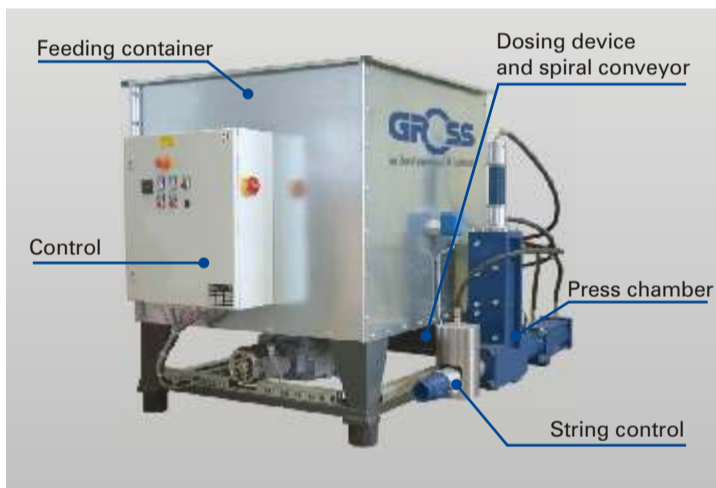
## Great briquetting technology

### From waste to valuable substance

Applications: Recycling, volume reduction, fuel manufacturing, recovery of valuable substances, feed production, solidification of filter dust

Materials: Matured timber, cotton stems, spelt hulls, peanut shells, filter sludge and dust, gypsum, hard PVC dust, hay, wood waste, jute fibers and dust, cardboard, coconut fibers, copper, paper, polyurethane foam, vine cuttings, bark, aluminum shavings, straw, Styrofoam, tobacco, etc.

Volume reductions of up to 90 % are possible, the maximum material moisture should not exceed 18 %. Other advantages are low storage expenses, and a good heating value of the briquettes with low amount of remaining ashes.



## Genius briquetting presses

### The technology of the big ones compact

The Genius series was specifically developed for briquetting of low-density materials such as light wood shavings and loose paper scraps. But the spiral pressure charger also yields high performance with other materials. Although it is low-priced, the Genius series provides high-performance technology and is an economical solution especially for smaller companies.

Types: Genius I, Genius II, Genius III



## GP briquetting presses

### Disposal of shavings with high pressure

GP series briquetting presses are especially robust and handle all briquetting materials such as wood shavings, wood chips, paper, different types of cardboard, Styrofoam, straw, hay and many other homogenous materials.

They are easy to maintain, convincing due to low operating cost, and can compress a great variety of materials. Therefore, the GP series is the first choice for the wood processing industry.

Types: GP 60, GP 80, GP 100, GP 150



## GAZ (62 - 82) single-shaft shredder

### The power pack with super performance

The robust GAZ 62 – GAZ 82 series valuable substance shredders shred materials such as wood, cardboard, plastic, and many other materials economically and effectively. The shredders can be adjusted according to customer specific requirements for through-put volume, material to be processed, etc. The GAZ 62 – GAZ 82 series is compact and was designed for high performance.

Types: GAZ 62, GAZ 62 S, GAZ 82, GAZ 82 S



## GAZ (102 - 252) single-shaft shredder

### Shredding technology for professionals

The GAZ 102 – GAZ 252 series was designed for shredding of large material quantities. The single-shaft shredders are suitable for shredding all types of wood, and hard and tough plastics.

The high-performance motors from 1 x 22 kW to 2 x 90 kW with turbo coupling provide for high throughput. Material is fed through the large-capacity hoppers. The V-shaped knife arrangement and slow running profile rotor result in evenly and homogeneously cut materials or granulate. The screen hole diameter thereby determines the chip size of the shredded material.

Types: GAZ 102, GAZ 122, GAZ 142, GAZ 152, GAZ 182, GAZ 202, GAZ 252



## GHZ horizontal shredder

### The horizontal is the strength

GHZ series shredders are especially used for shredding longer wood waste. The material is fed to the rotor horizontally through a hopper, roller feed, or vibrating channel feeder. Because of their compact design, GHZ series shredders can be used directly next to wood processing machines such as strip or plate saws.

Types: GHZ-T, GHZ-L, GHZ-B



## GZ four-shaft shredder

### Robust shredding technology

GZ series four-shaft shredders are ideal to shred and recycle very long and oversized wood waste such as mature timber, long boards, pallets, packaging, and cardboard of any kind. Four-shaft shredders are mainly used in the wood processing industry, such as joiner's workshops, furniture production, sawmills, and batten makers. Materials are fed through the hopper to the cutter.

Types: GZ 30, GZ 30 S, GZ 40, GZ 50



Grinding and briquetting technology

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## GROSS, the specialist in grinding and briquetting technology

The GROSS machine range covers the entire spectrum of shredders and briquetting presses, and thereby offers optimal solutions for different needs and applications. The product selection for shredders includes not only single-shaft and horizontal, but also four-shaft shredders in different sizes.

In addition, there are many available options such as different motors, rotor widths, rotor diameters, and hoppers. Briquetting presses are available in different sizes depending on the material type and volume to be processed. GROSS offers:

- Innovative technology
- Maximum economy and profitability
- High level of dependability and comprehensive service
- Consultation and customer service orientation