

# HERBOLD



## ***New development!***

### **Herbold Pipe Shredder series HOS**

The Herbold Pipe Shredder series HOS is an efficient innovation for the size reduction of pipes with a diameter of 1,000 mm up to 3,000 mm with low energy usage.

#### **Working principle:**

The HOS Shredder is equipped with a feed trough with hydraulic cover for holding the feed material. A hydraulically-actuated feed cylinder pushes the material cyclically into the cutting gear in relation to the counter-pressure. The cutting gear consists of a plate with knife-carriers and bolted knives and a stator knife rail. The material is reduced to a size of approx. 50 – 100 mm and falls onto the conveyor belt mounted below. Depending on the required final fineness of the feed material, the shredded material is then transported into a downstream cutting mill.

#### **Further advantages:**

- Very low-noise operation
- Excellent value for money
- Very little wear, therefore also ideally suitable for abrasive materials (e.g. fibreglass-reinforced plastics)
- Low energy consumption for bulky feed materials which require large machinery, e.g. wind turbine recycling, large starter clumps from plastic raw material production

#### **Technical data:**

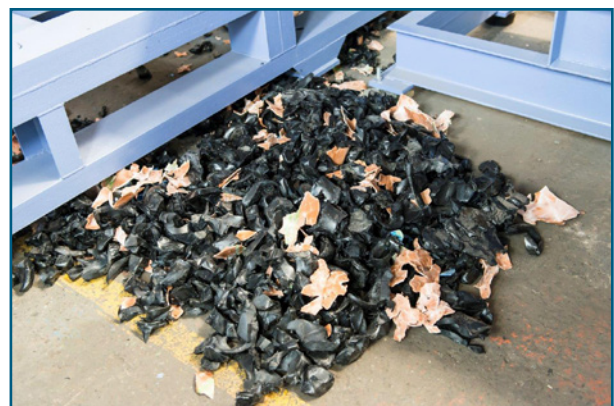
Performances according to feed material, feed size, feed arrangement of the pipes Number of knives on the knife plate up to 1,500 kg/h



**Fig. 1:** *Herbold Pipe Shredder series HOS*



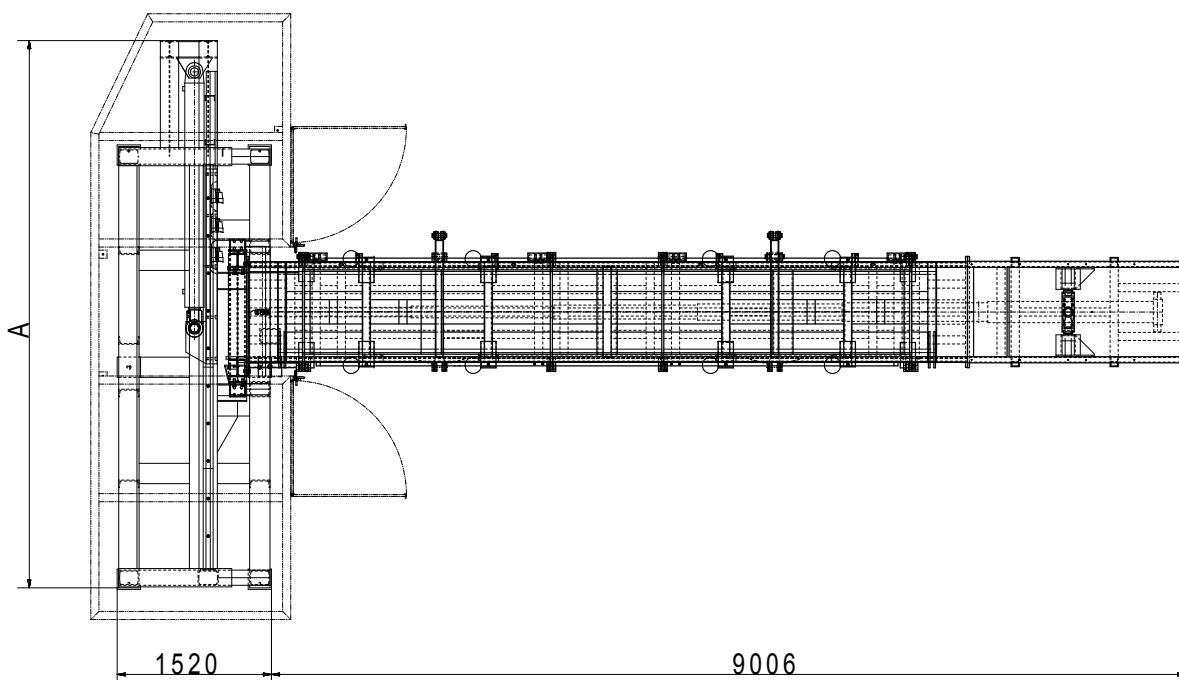
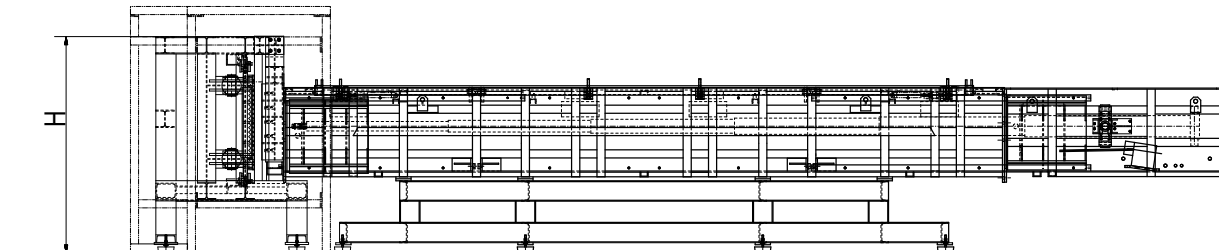
**Fig. 2:** *"Rasp" principle*



**Fig. 3:** *Size-reduced feed material*

## Technical data:

Model	HOS 630	HOS 1000	HOS 2000	HOS 2400	HOS 3000
Max. diameter of tubes (mm)	Ø 710	Ø 1600	Ø 2000	Ø 2400	Ø 3000
Length (A) (mm)	5400	12500	15500	18500	22500
Height (H) (mm)	2150	3400	4000	4500	5500



### Our Product Range

- Guillotines
- Shredders
- Hammer mills
- Granulators
- Pulverizing systems
- Washing systems & components
- Plastcompactors/agglomerators

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