

NEUE HERBOLD GS series guillotines are used for the pre-size reduction of monofilament bales such as from fibre, bands or tapes, tacky film packages, extremely large lumps, start-up purgings or rubber bales.

### Automatic Precutting: Reduces Problems and Saves Costs

In most cases precutting is necessary when recovering coarse raw materials or waste that has been pressed into bales. Manual precutting of bulky and tangled material is not only a great safety hazard but also involves high personnel costs. To reduce these costs to a minimum and to avoid the danger of accidents, automatic precutting of this process is recommended.

### Perfect Design and Construction for the Job at Hand

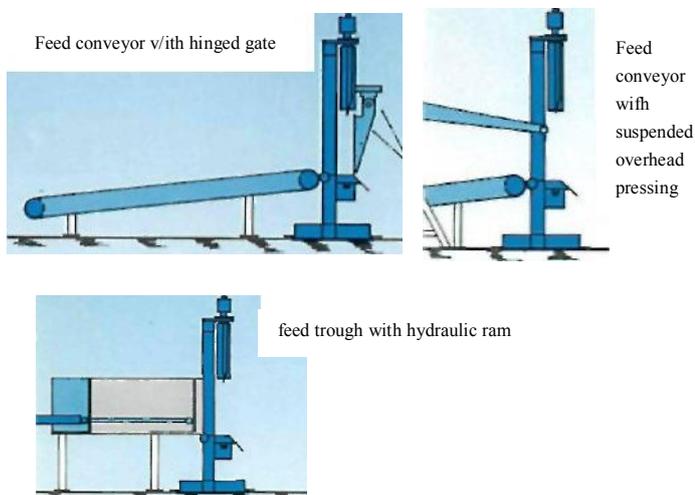
The complete unit is housed in a strong welded steel frame, consisting of a hydraulic System which activates several hydraulic cylinders. These cylinders move the horizontally mounted guillotine knife through the waste material cutting it against the Stator knife. The material that has been sliced by the guillotine knife is removed by the pressure on the Cutter. We have developed the NEUE HERBOLD Guillotine Cutter for the size reduction of problem waste. These materials maybe bales of fibre, tapes, multi-filaments, fish nets, entangled films, large lumps and bales of rubber. It is possible according to your specific needs to select a guillotine cutter with a hydraulic System suited for your material.



Guillotine Cutter GS 1500/1000, feed via a storage conveyor with suspended overhead pressing device; discharge via an inclined conveyor belt.

### Feed and Discharge System that Suits the Job -Trouble Free Automated Operation

The simplest feed System consists of a horizontal or slightly inclined conveyor belt (also available as a temporary storage belt). For bulky, loose, material it is possible to install a suspended overhead compressing device. In addition, it is possible to feed the guillotine cutter using a special feeding trough which is equipped with a hydraulic force feed ram. The feeding trough maybe loaded with a stacker, fork lift or tip-ping Container. The discharged material is usually removed by an inclined conveyor belt equipped with an electronic metal detector. An adjustable hinged gate can be provided per the customer's specifications when very small pieces are required. This metal detector decreases the potential of great damage to the granulator



## The Designed Concept Offers Many Advantages

- As opposed to bolted frame constructions, the NEUE HERBOLD guillotine cutter is installed in a one piece frame. Utilizing this one piece frame there is no movement or buckling and therefore requires no Service or maintenance.
- The guillotine cutter stops can be adjusted accurately. This guarantees clean cutting of the various types of materials to be reprocessed. These materials can be fibers or tapes maintaining a save clearance between the cutter blade and Stator block. The result: long Service life of the guillotine blade.
- The precision guides of the cutter beam is made of a very wear resi-stant bronze. It is not possible for material to enter these guides as they are enclosed in the guillotine frame.
- The verticle height of the cutter is adjustable. This enables the length of the cutting stroke to be adjusted to suit the particular feeding material. Empty strokes can be avoided thus increasing the effective capacity of the cutter and higher productivity.
- The all around enclosure around the cutter guarantees optimal safety but without reducing accessibility for servicing.
- As a Standard feature, the hydraulic system is included with a low noise vein pump. If required, we also supply variable capacity hydraulic pumps with greater cutting force and quicker lifting speeds for the special materials. The advantages; longer service life than a conventional gear pump and smoother Operations of the hydraulic components.
- The guillotine is equipped with dual cylinders mounted on both ends of the guillotine blade. This prevents the frame from buckling or twisting. The suspended cylinder mounting (like the model GS 1500/1000) is the rea-son for the low construction height of. the unit.



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Type	working height (mm)	working width (mm)	motor (kw)	cycle time/min	cutting force tons	weight kg
Guillotine type GS 1500/1000	1000	1500	22-37	2-3	up to 20	4500
Guillotine type GS 1500/1200	1200	1500	22-37	2-3	up to 20	5500
Guillotine type GS 2000/1500	1500	2000	37-45	2-3	up to 40	7000

