

# REELSPLITTER

*The Reelsplitter was developed for cutting defective or surplus paper reels.*

The material is cut into small pieces enabling processing in a pulper or baler. Characteristic of these machines is their simple, proven construction, operation and control. The Reelsplitter is useful for more than just paper reels.

BOA can also adapt the machine for other types of material such as aluminium reels or bales or plastic. Different transport systems are available such as plate conveyors, rubber belt conveyors and walking floors.

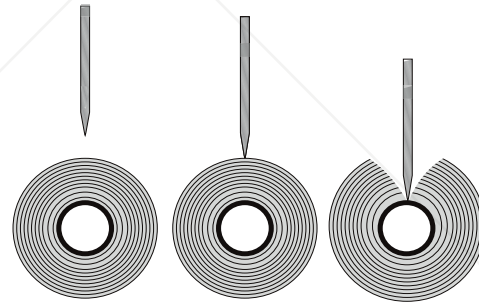


## SECURE OPERATION

The machine is also provided with a switchbox, straightforward switching system and an emergency stop causing the cutter to stop immediately. The cutter is also protected against overload, in which case it will automatically move up.

Optional the machine can be equipped with a light curtain emergency circuit which shuts down the machine automatically when persons enter the operation area.

The machines can be installed without special foundations and can be height-adjusted by means of adjustable feet.

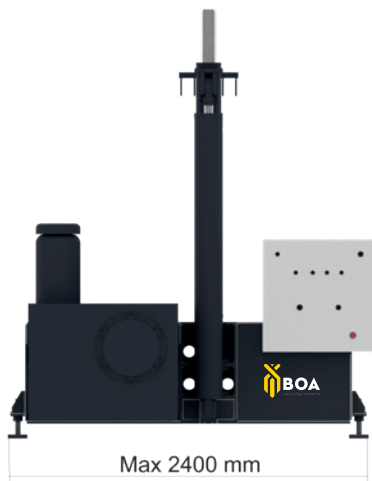


Cutting principle

### HRSM FUNCTIONAL DESCRIPTION

The cutter height is adjustable and secured in its highest and lowest positions by means of end switches. The cutter is also protected by means of a hydraulic pressure circuit. The cutter is driven by two specially constructed cylinders with synchronized movement. The cylinders are fitted with two guide shafts for better distribution of the powers over the cylinder. Cutting is controlled by an optical switch, so that manual setting of the core diameter is not necessary.

The HRSM can be equipped with a deposit table, a lifting device and a conveyor system. The conveyors can transport material in both directions, so that the paper can be cut into small pieces.



HRSM



| Type                | HRSM 40 tons |
|---------------------|--------------|
| Motor power         | 18.5 kW      |
| Max. cutting width  | 1600-3100 mm |
| Max. cutting height | 1500-2100 mm |
| Max. cutting force  | 40 tons      |
| Cutting speed       | 4.5 cm/sec   |

