



The BOA

Reelsplitter

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

The material is cut into small pieces enabling processing in e.g. a pulper or baler. The BOA product offering comprises two reelsplitters – the HRSM and RSM types. Characteristic of these machines is that 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 with plastic. Different transport systems are available such as plate conveyors, rubber belt conveyors and walking floors.

BUILT ON AMBITION





Specifications

| Type | RSM | HRSM 25 tonnes | HRSM 40 tonnes |
|---------------------|-------------------------|----------------|----------------|
| Motor power | 2.6-3.2 kW | 11 kW | 18.5 kW |
| Max. cutting width | 1800 mm | 1600-2600 mm | 1600-3600 mm |
| Max. cutting height | 600 mm | 1500-2100 mm | 1500-2100 mm |
| Max. cutting force | | 25 tonnes | 40 tonnes |
| Cutting speed | 9 and 4.5 cm/sec | 4.5 cm/sec | 4.5 cm/sec |
| Deposit table | 1800-1200 mm | | |
| Capacity | max. 400 reels per hour | | |
| Total weight | 1750 kg | | |

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.

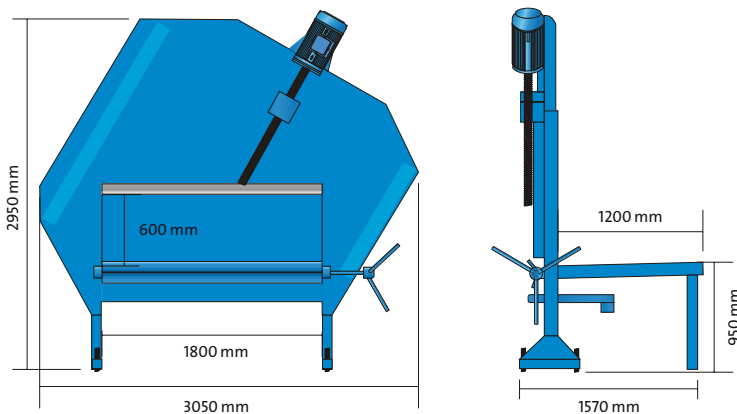
The RSM has a deposit table, measuring out device and rotating support plate, as a result of which reels can be charged and discharged semi automatically.

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

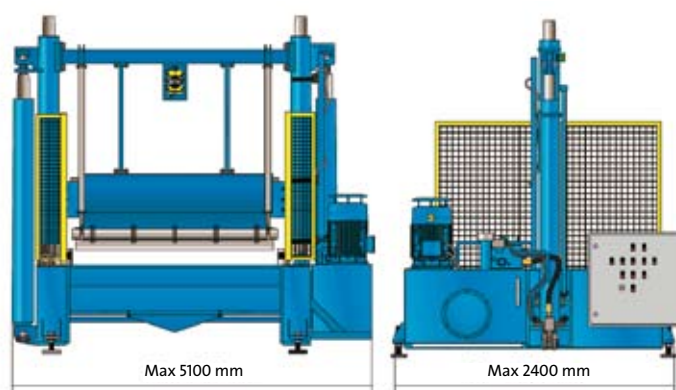
Secure operation

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.

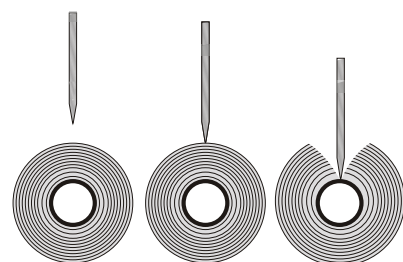
Optional the machine can be equipped with a light curtain emergency circuit which shuts down the machine automatically when persons enter the operation area.



RSM



HRSM



Cutting principle

