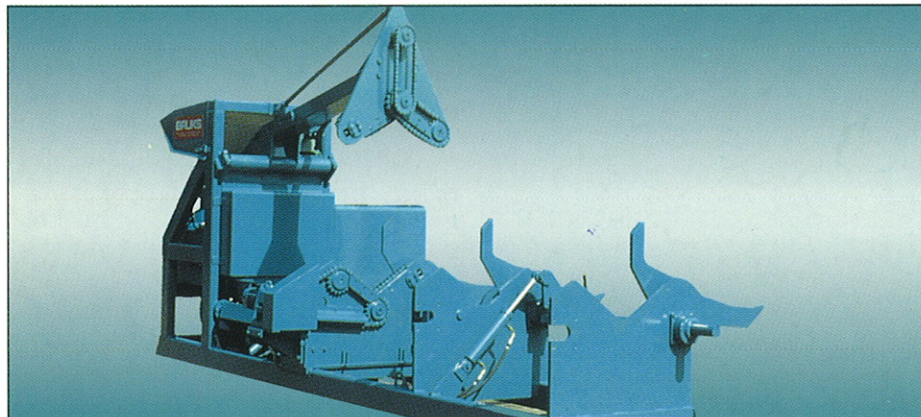


## RR 600



RR 600

### Feeding options

RR 600 is fed from the right or left by a singulator or crane. The machine can also be equipped with an infeed/out-feed cradle

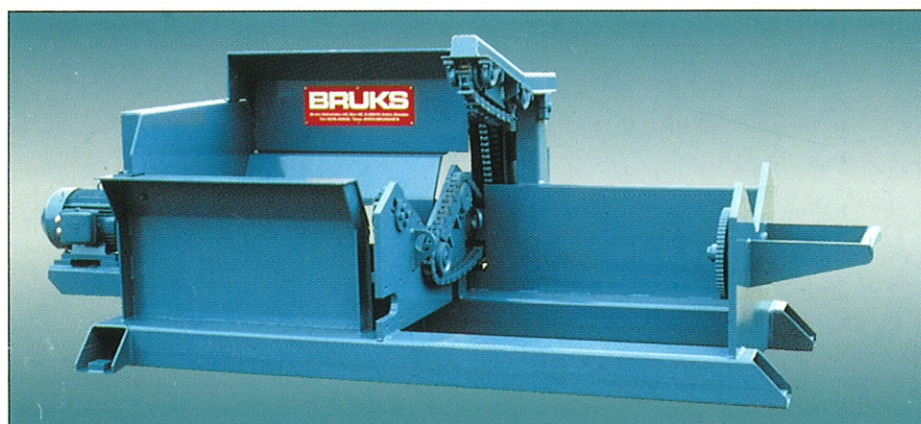
### Technical data

Log length: 3.0-6.2 m <sup>1</sup>  
Max log diameter (at breast height): 700 mm  
Max. root flares: 200 mm radial  
Capacity: 2-6 logs/min. <sup>2</sup>

<sup>1</sup>) up to 23 m for special designs

<sup>2</sup>) depending on log size, machine design and operation

## RR 400



RR 400

### Compact and efficient

RR 400 is a compact machine that can easily be placed and moved. The logs are fed in and out with a crane or loader, or with an infeed/outfeed cradle fitted to the machine. The hold-down device is also available in V-design for tough jobs.

### Technical data

Log length: 2.5-6.2 m <sup>1</sup>  
Max. log diameter (at breast height): 700 mm  
Max. root flares: 200 mm radial  
Capacity: 1-2 logs/min. <sup>2</sup>

<sup>1</sup>) 2.2-13 m for special designs

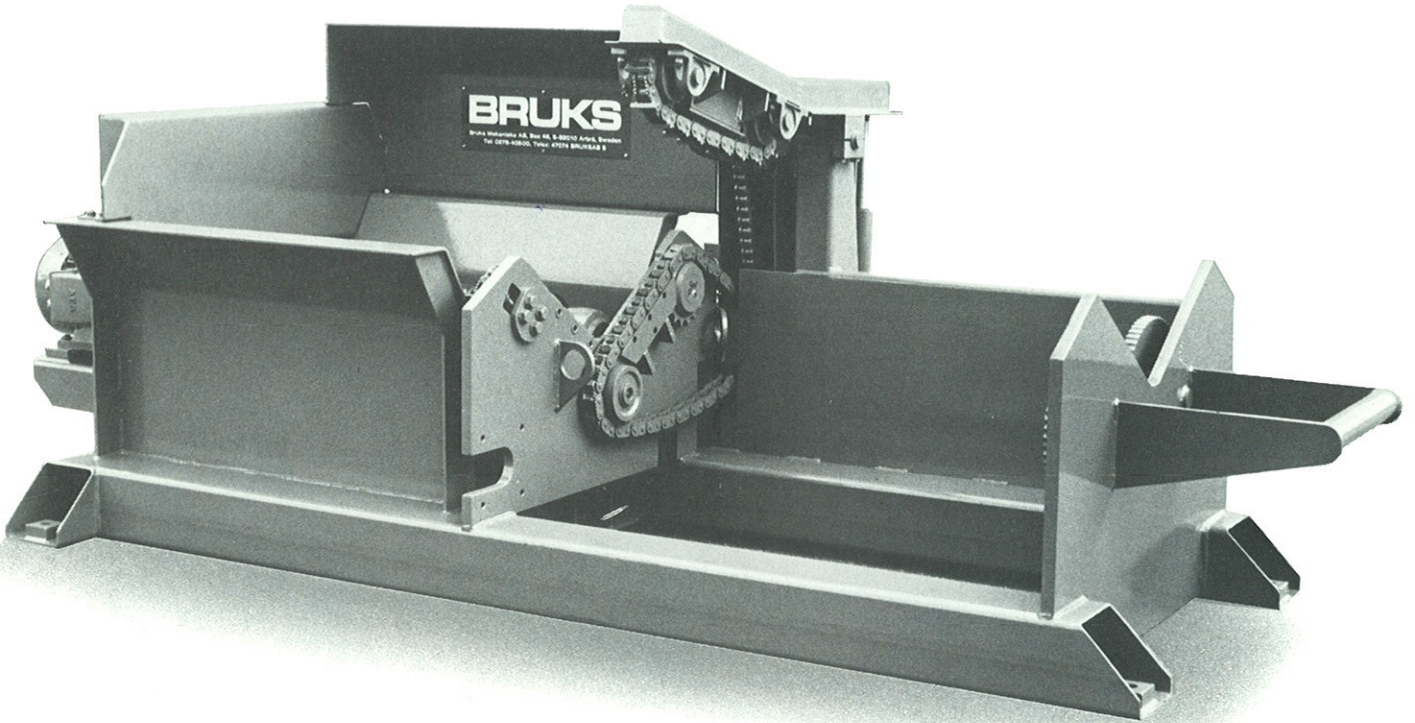
<sup>2</sup>) depending on log size, machine design and operation

# BRUKS

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# Bruks Butt End Reducer RR 400



Bruks' butt end reducers mill away the root flares while preserving the natural conic and oval form of the log.

No set-up changes for different log diameters are required. The cutting depth is adjustable.

## Mode of Operation

The log is fed by a crane or loader into the V-blocks of the machine, with the butt end on the cutter.

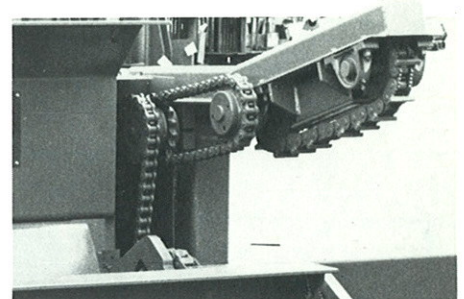
When the operator pushes the panel button for reduction, the hold-down arm goes down. The toothed chains on one of the V-blocks and the hold-down arm start rotating the log, and the cutter mills away the flares. The rotating time is determined by

an adjustable time relay. When the time is up, the chains stop rotating and the hold-down arm goes back.

## Design

The RR 400 is built as a complete unit including mechanical, hydraulic and optional electrical control equipment. All of the following components are mounted on a frame of welded rectangular tubing:

- A hydraulically raised and lowered hold-down arm with a special-toothed, driven roller chain. The arm is also available in V-block design for big and difficult-to-handle logs.
- One V-block with special-toothed,



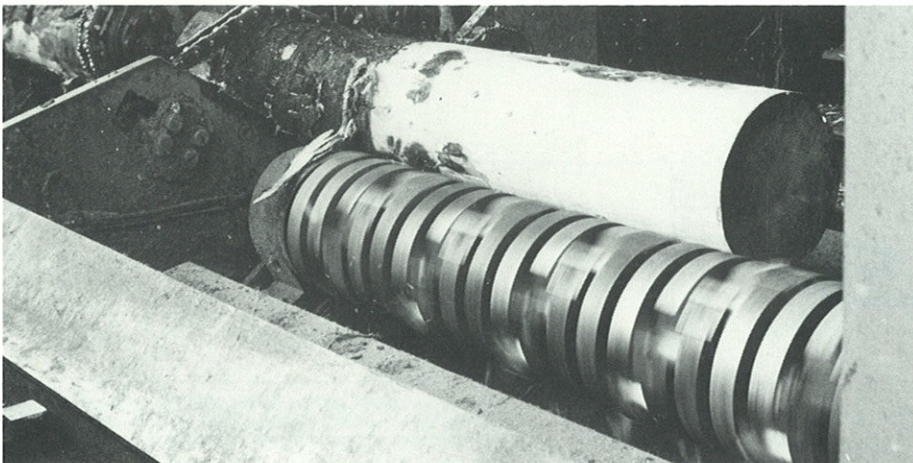
driven roller chains and one V-block with idler discs.

- A cutter which is direct-driven by electric motor. The cutter height determines the cutting depth and can be varied by means of spacers.
- Complete hydraulic system.
- Electrical equipment c/w chain and hyd. motors, contactors, capacity control, time relays, overload protectors, fuses, start switches, lights, emergency switch, hydraulic tank level monitor.

Optional: Cutter motor; star-delta starter; main power disconnect; heater for hydraulic tank.

A control panel is supplied with the machine.

The RR 400 can also be delivered with a feed and outfeed cradle for logs.





## Technical Data

Capacity, in reduction time:

Logs with top dia. 30 cm (12")—approx. 15 sec/log

Logs with top dia. 60 cm (24")—approx. 25 sec/log

Maximum removal:

200 mm (8") radially

Maximum log diameter:

70 cm (28"), measured 1500 mm (5 ft) from root end

Log length:

Min. 3.2 m (10'6"), max. 6.2 m (20'6")

Cutter length:

900 mm (36")

Cutter diameter:

250 mm (10")

No. of cutting tools:

30; can be used on 4 sides and can be ground

Cutting tool width:

60 mm (2 3/8")

Recommended cutter motor:

22—37 kW, 1500 rpm

Chain motor:

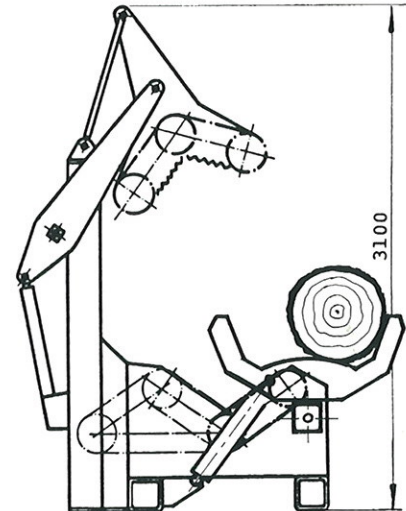
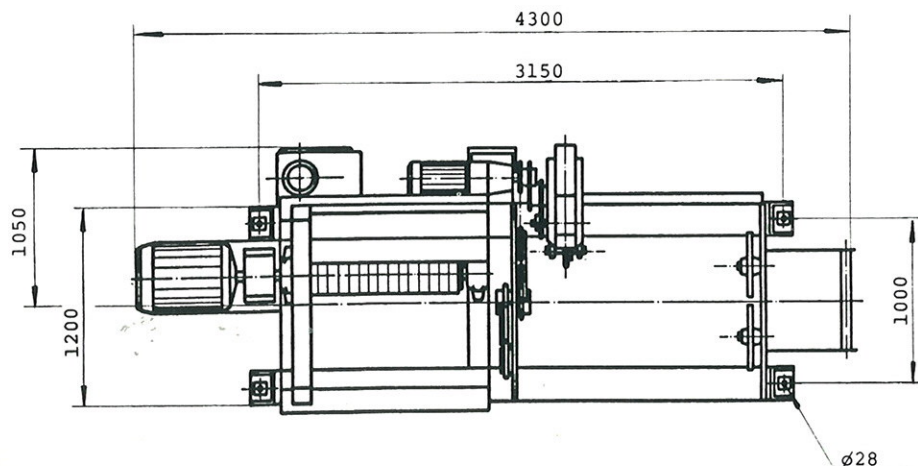
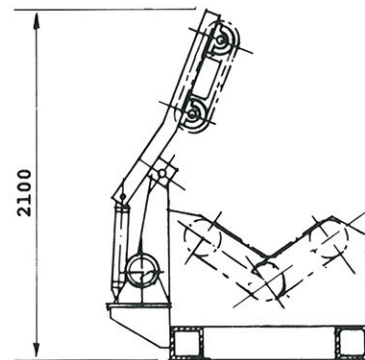
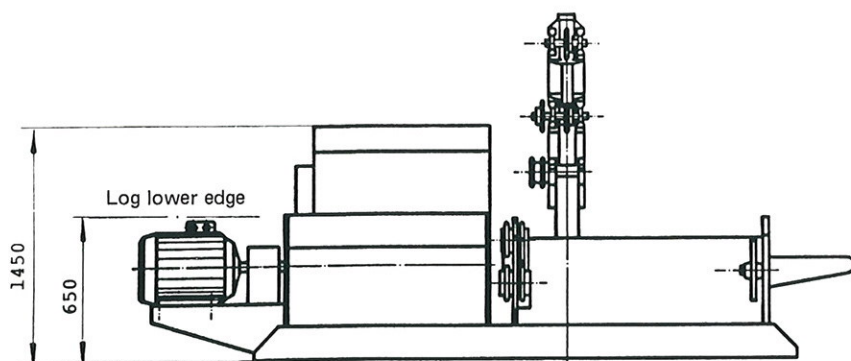
2.2 kW (geared motor)

Hydraulic unit:

3.0 kW

Machine weight, without cutter motor: Approx. 3000 kg (6600 lbs)

Sketches show design with hold-down arm on the left.  
Designs with arm on the right are mirror-inverted.



Options:  
V-shaped hold-down arm  
Feed and outfeed cradle

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Above illustrations do not necessarily show the exact design of the products at any given time. The products have to be used in conformity with common practice and all applicable safety regulations. Specifications for products and equipment presented here can be changed without prior notice.