



MAX CAPACITY WITH REDUCTION 22 LOGS/MIN

OPERATION

But-end reducer can be mounted before log sorting or to log infeed to sawmill. Non stop patented function that can begin to reduce new log immediately when old one have reduced. One storage place before and 2 after reducer for the logs. The hold- and rotate arms fixes the log very quickly, because they are very near the log before rotating.

FRAME

The frame is welded of steel plates and profil steel.

FEEDER

Rotating feeder have four arms that takes the logs off from V-block after reduction. The other rotating feeder have three arms that infeeds the logs to conveyor. Rotating feeders are driven by hydraulic motors and gearboxes.

CUTTER

The cutter is driven by motor via vee-belts. Cutter moves up and down with hydraulic cylinder. The cutter lenght is one meter and it has 54 cutting tools.

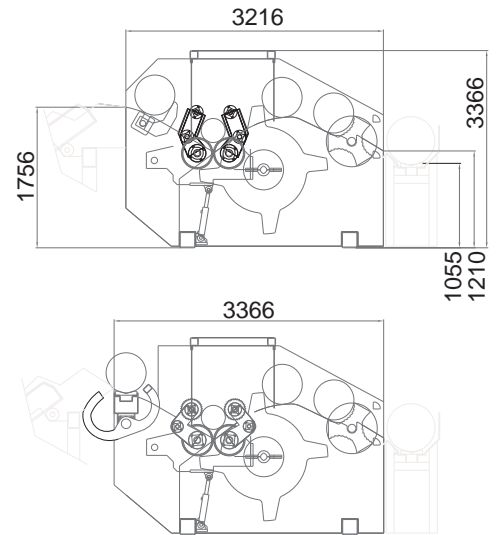
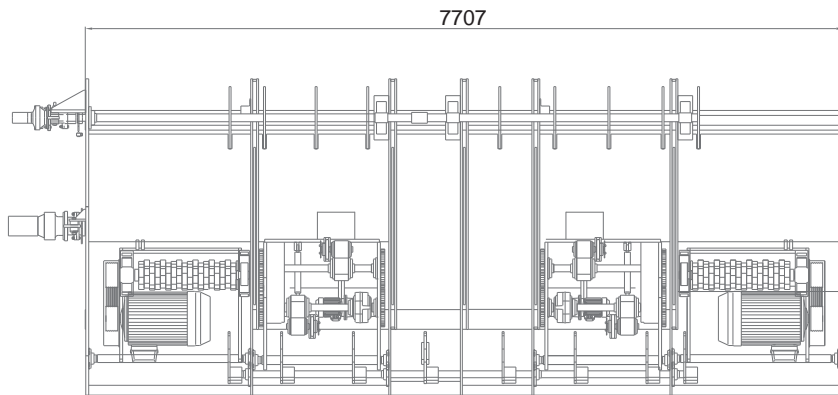
LOG ROTATION

The log rotation is under V-block when the log feeds to reducer and it moves up at the same time with cutter and rotation arms. The log rotation have four geared rotating rollers under the log and four upper geared rotating rollers (or chain). Rotation is powered by one geared motor.

ELECTRIFYING

- Electric central of the motors.
- Control system programmed for the work cycle.
- Control switches, photocells and internal cabling.

DIMENSIONS



TECHNICAL DATA

Capacity with reduction	log dia. 160 mm	22,0 logs/min
	200 mm	21,0 logs/min
	250 mm	20,0 logs/min
	300 mm	18,0 logs/min
	400 mm	16,0 logs/min
	500 mm	14,0 logs/min
Capacity without reduction		35-40 logs/min
Max log diameter		800 mm
Max log length		6,5 m
Min log length		2,4 m (reducing lenght 400 mm)
Min log length		3,0 m (reducing lenght 1000 mm)
Cutter length		600-1200 mm
Cutting tools		54 pc (cutter length 1000 mm)
Cutter diameter		300 mm
Power rating, cutter		75 kW
Power rating, log rotation		4 kW with frequency changer
Feeder motors		2 hydraulic motors
Hydraulic unit		22-37 kW
Weight		16 000 kg

