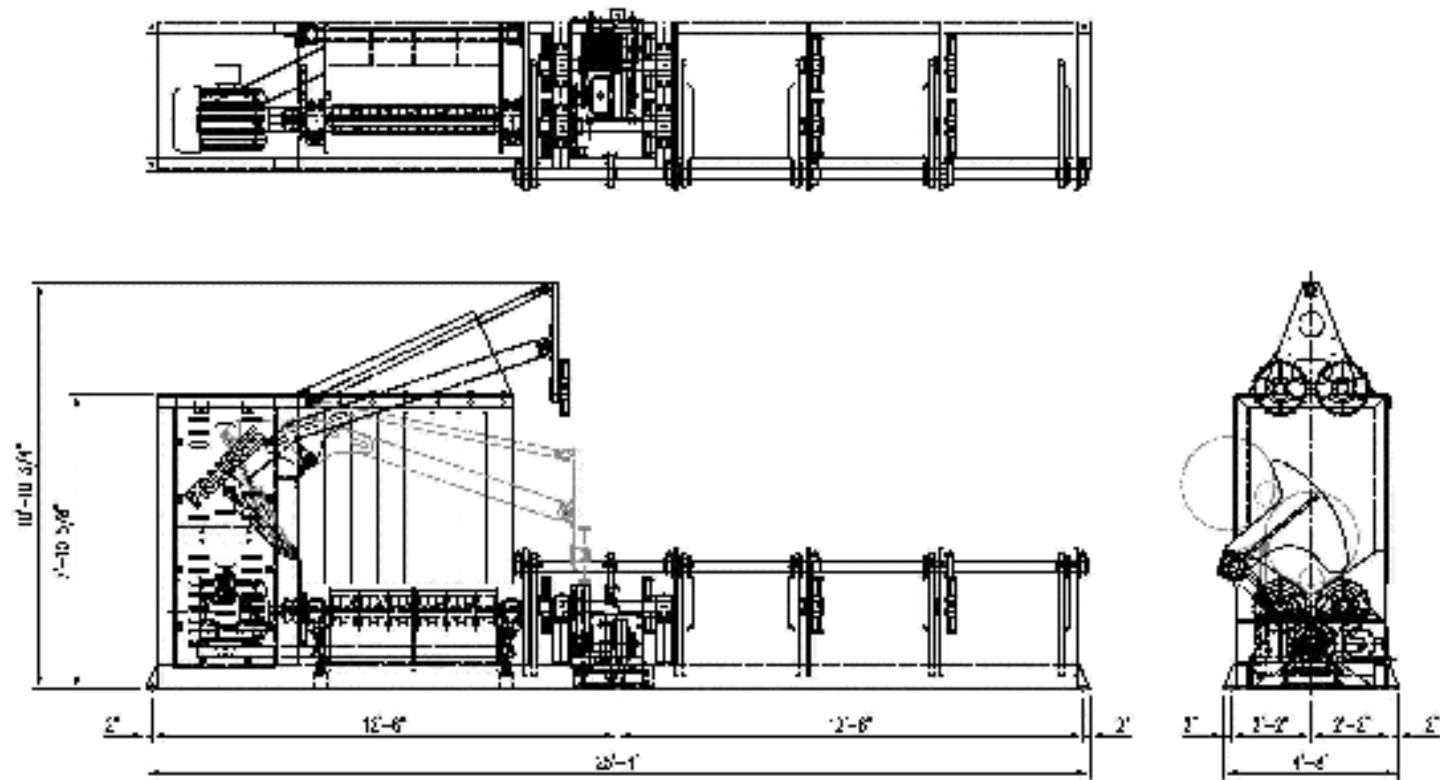


SPECIFICATIONS



TECHNICAL DATA:

Capacity:	6/7 logs/min. (based on 24" diameter log)
Maximum removal:	4" radially per rotation
Maximum log diameter:	40" diameter log with 54" diameter butt
Maximum log length:	20'-0' (up to tree length)
Cutterhead:	10" diameter x 52" long
Cutting tools:	Four sided
Number of cutting tools:	44
Main motor:	100 HP, 1800 RPM
Log turner drive:	7.5 HP, 1800 RPM with Gear Reducer
Hydraulic unit:	25 HP, 1800 RPM
Weight including main motor:	Approx. 17,500 lbs.

We reserve the right to modify our design without notice.

FLARED BUTT REDUCER



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MADE IN THE USA

FLARED BUTT REDUCER

FLARED BUTT REDUCER

The Progress Flare Butt Reducer has been designed for milling off and reducing root flares of logs. Reduced butt ends facilitate debarking, decrease the debarking diameter, increase alignment precision at the saws and reduce disturbances in the production process.



OPERATION PRINCIPLE:

The log is fed from the side into V-blocks, with its butt end above the cutter, and triggers the automatic start of the work cycle. The hold-down arm goes down and holds the log. The cutter goes up, the rotation wheels rotate the log while the cutter mills off the root flares. The log rotation is load-controlled. The log is rotated once. After reduction, the cutter goes down, the arm goes up and the kickers unload the log while a signal is given for the in-feed of the next log.



The frame of the cutter unit carries the hold-down arm and the movable cutter. The cutter is placed below the V-block level and powered by an electric motor via a coupling. The cutter head is made in replaceable segments. Knives are four(4) sided for turnable usage.