

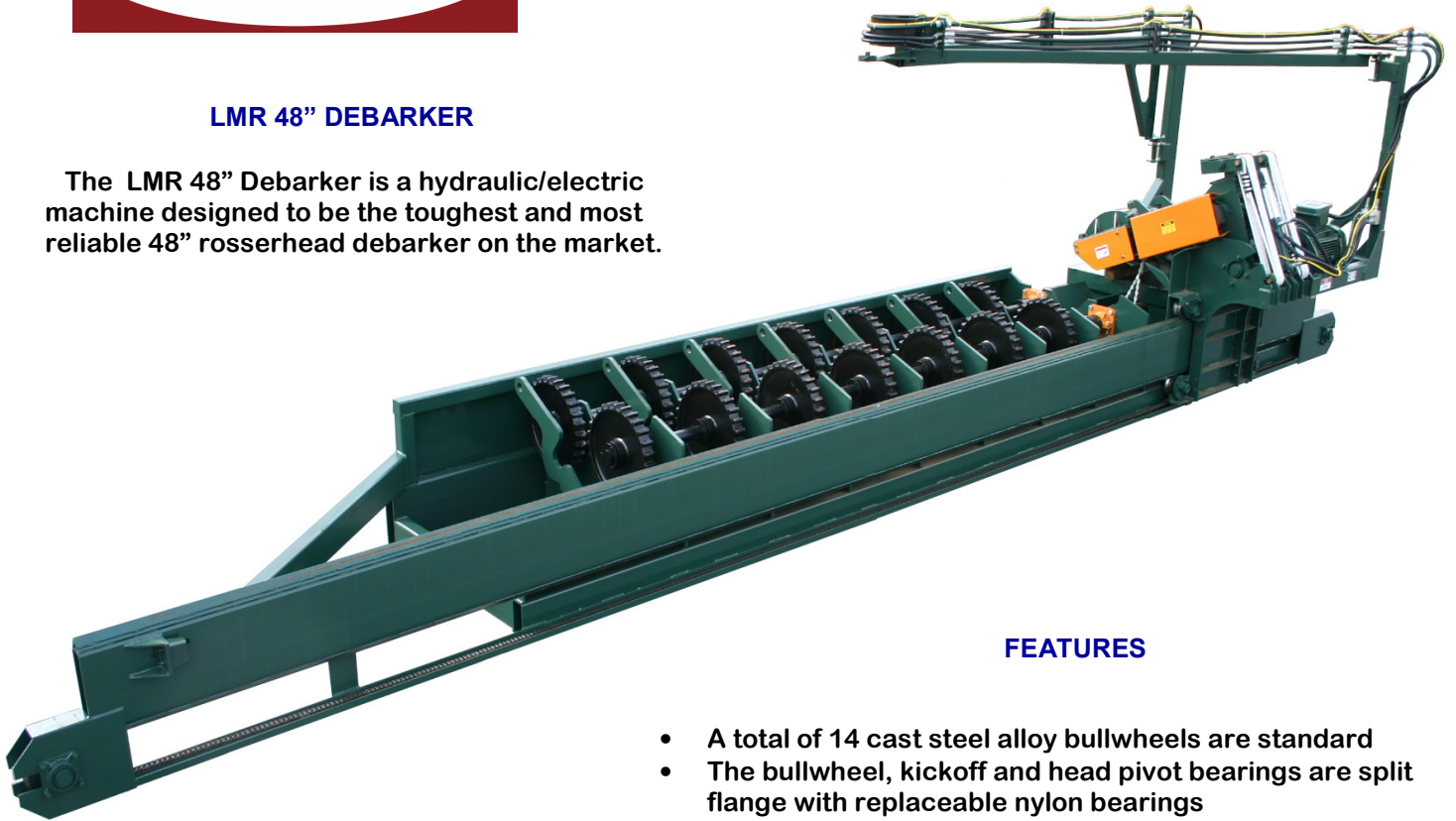


# Mellott

## LOG AND LUMBER HANDLING SYSTEMS

### LMR 48" DEBARKER

The LMR 48" Debarker is a hydraulic/electric machine designed to be the toughest and most reliable 48" rosserhead debarker on the market.



### FEATURES

- A total of 14 cast steel alloy bullwheels are standard
- The bullwheel, kickoff and head pivot bearings are split flange with replaceable nylon bearings
- The bullwheels mount onto 1" flame cut plates for an open frame design with less bark hang up
- The head support frame is 3/4" flame cut plates in a ladder design for exceptional strength
- The head pivot shaft is nickel plated for long life
- Two 2 1/4" threaded nickel plated nuts are used for belt tensioning, no slots or jack screws are used
- 6 1/2" v-wheels are used on the top and the bottom of the carriage track, the bottom wheels have an eccentric adjustment, no slots or jack screws
- The head motor is enclosed in a protective frame to help prevent damage
- The new head support frame design allows more clearance between the log and the frame. This raises the belts out of the bark flow and allows room for the belts to be shielded. It also eliminates the choke point where the bark comes off the log.
- Since the belts are raised, the front of the carriage is now a solid plate with no cut outs for the belts. This helps prevent the bark from passing through and piling on top of the carriage
- The operators cab is mounted on isolation mounts to reduce shock and vibration
- A captains type operators chair with remote joystick controls is standard
- The Operators cab can easily be moved off of the debarker frame



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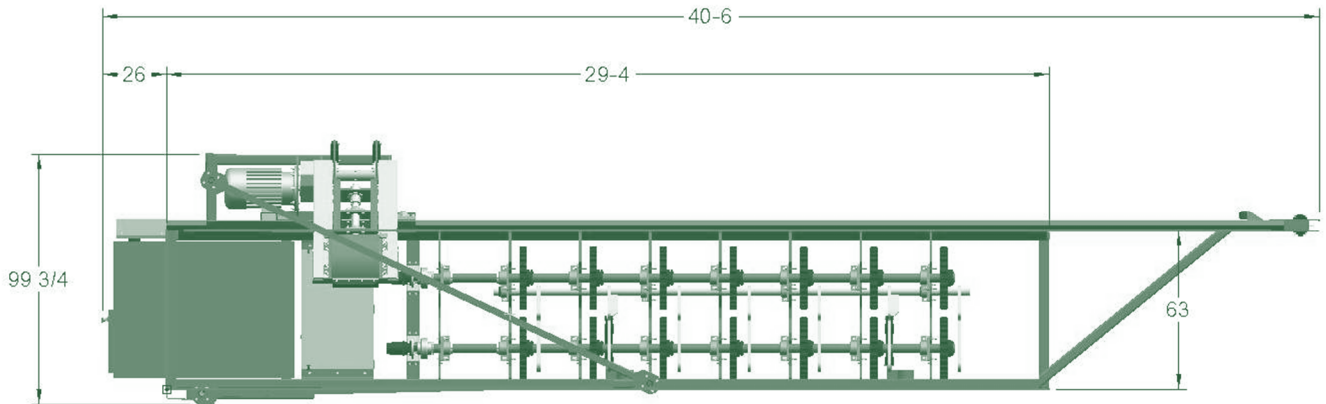


# LOG AND LUMBER HANDLING EQUIPMENT

## LMR 48" DEBARKER

### SPECIFICATIONS

Log Capacity (Diameter).....	48"
Log Capacity (Length).....	20'
Length (Overall).....	40'
Width (Frame).....	68"
Frame Construction.....	3/8" Wall Tubing & 1" Plate
Bull Wheels.....	Cast Alloy Steel
Bull Wheel Drive.....	(2) Direct Coupled Hydraulic Motors
Bull Wheel Shafts.....	3 7/16"
Bull Wheel Shaft Bearings.....	Split Flange With Urethane Sleeves
Carriage Drive.....	Hydraulic Motor With RC80 Roller Chain
Log Kick Off .....	Electrically Operated Hydraulic Valve
Log Kick Off Cylinders .....	(2) 2 1/2" x 12" Cylinders
Log Kick Off Shaft.....	2 15/16"
Head.....	15" Diameter, 16" wide
Head Control .....	3 1/4" x 10" Hydraulic Cylinder
Head Bearings.....	2 7/16" Spherical Roller Pillow Block
Head Drive.....	75 HP Motor With (6) 5V belts
Hydraulic Pump Motor.....	50 HP Motor
Hydraulic Tank Capacity.....	160 Gallon
Motor Controls.....	Included
Wiring.....	480 3 phase w/ 120 controls
Operators Controls .....	Remote Joystick, Included
Infeed Log Deck & Stop & Loader Controls.....	Remote Joystick, Included
Cab w/Light, Heat, Air& Captains Chair.....	Standard
Overall Weight.....	Approx. 26,000



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