

BRUNETTE Retract-To-Load® (RTL) Log Singulator®



PERFORMANCE | RELIABILITY | RECOVERY

BRUNETTE
MACHINERY CO. 

BRUNETTE RTL LOG SINGULATOR®

The new generation log singulator has arrived and is only available from Brunette Machinery. Our state-of-the-art BRUNETTE RTL LOG SINGULATOR® has been designed and built to help mills increase productivity and efficiency while feeding logs and reducing downtime. Production goes up — costs come down.

The RTL has two main advantages over other systems; the Retract-to-Load (RTL) nose, and the Negative Inertia Drive System.

The patented Retract-to-Load (RTL) nose piece provides secondary log singulation right at the top of the unit. The RTL cradles the log directly above the feed conveyor. As the unit retracts below the frame work, the log, quickly but gently, drops down into the conveyor below. In addition to better singulation, the RTL feature also improves log gap control and conveyor maintenance.

The Negative Inertia Drive System is also unique to the Brunette RTL Log Singulator. The crank-arm connected to the shaft of the gear reducer has its zero point (parked position) set at top of the drive cycle, creating system energy pre-load. At this point, all of the torque required to initiate the lifting cycle is negative, creating negative inertia which increases acceleration and significantly reduces energy consumption.

- **PATENTED RETRACT-TO-LOAD TECHNOLOGY**
- **IMPROVED LOG SINGULATION**
- **PRE-STAGED LOG POSITION**
- **WIDTHS TO SUIT 8' - 24' LOG LENGTHS**
- **MINIMIZED SHOCK LOADING**
- **HD FRAME CONSTRUCTION**
- **CLEAR SPAN (STANDARD)**
- **ELECTRIC DRIVE — OUTBOARD**
- **TOP / BOTTOM STAGES LOCKABLE**
- **OVERSIZED BEARINGS**
- **EXTREME CRANK ARM ASSEMBLY**
- **REINFORCED STEPS**



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RTL LOG SINGULATOR

Take control of your log supply with the BRUNETTE RTL Log Singulator



◀ RETRACT-TO-LOAD® TECHNOLOGY

The RTL provides a pre-staging position close to the conveyor that reduces log gap and increases production. Additional singulator at the top of the unit helps prevent double-ups and further improves production.

DRIVE ASSEMBLY ▶

The electric outboard drive is designed for easy access and maintenance. The reducer, motor, belts/sheaves and guards are included.



◀ DRIVE CRANK ARM

The drive crank arm is designed for continuous circular motion with oversize shafts and extra heavy-duty linkage arms & bearings. This extends the life of the mechanical components and lowers maintenance costs.

RTL® STEPS ▶

The upright steps are connected with a 4"x4" angle. Pocket toes are supported at the bottom with structural angles for strength. The reinforced nose piece provides secondary log singulation at the top of the unit.



◀ AUTO LUBRICATION

Automatic lubrication systems are supplied with every machine and feature twenty grease points.

WHEEL ASSEMBLIES ▶

The rigid HSS tube and machined base of the wheel support frame allows for the entire assembly to be removed. The wheels have self-aligning HD bearings and a replaceable shaft.



PATENTED DESIGN • SIMPLE EFFECTIVE LOG SINGULATION

1.800.686.6679 • 1.604.522.3977 • BrunetteMC.com



BRUNETTE Retract-To-Load® (RTL) Log Singulator

Increase Your Log Count



More Information and brochures
for quality products available at
BrunetteMC.com

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LOG SINGULATOR

DRUM CHIPPERS

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BIOSIZERS

HOGS



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