



# LOG AND LUMBER HANDLING SYSTEMS

## DROP BELT



13' Long Drop Belt, Right Hand With Drive

### FEATURES

The Mellott Drop Belt is designed to remove slabs by conveying them onto a conveyor that is located under the rollcase line.

Operated by dual air cylinders, the Drop Belt is lowered for slab removal and raised for lumber and cants to continue on the rollcase line for other operations.

The Drop Belt is equipped with a deflector or shear rail which insures that lumber, cants or slabs will slide onto the belt.

A drop out space of 18" to 24" between the end of the Drop Belt and downstream rolls will remove knots, short slabs, etc., without lowering the belt.

The Drop Belt crank mechanism for raising and lowering the belt has been improved. It now uses dual cylinders, 1" thick flame cut arms and 3" diameter cam followers.

The Drop Belt frame has been improved. It is constructed of 1/4" wall structural tubing for added strength.

QM Blue Brute bearings are used on all pivots. These Bearings are double row spherical bearings with cast steel housings.

Heavy wall conveyor pulleys are standard on all Drop Belts.

### SPECIFICATIONS

Top of Belt Height ..... 32"  
 Minimum Carriage Height ..... 38"  
 Belt .....PVC CBS 350  
 Belt Widths ..... 24" & 30"  
 Lengths .....11'- 6", 13' & 15'  
 Driveshaft ..... 2 7/16"  
 Bearings.....QM Blue Brute  
 Drive ..... Sumitomo Cyclo Reducer With 5 Hp Motor  
 Drive Pulley .....12" Diameter, 3/8" Wall With Lagging  
 Take Up Pulley .....8" Diameter, 3/8" Wall  
 Air Cylinder .....Dual 6" Bore Cushioned  
 Control .....Electric Footswitch

#### Item Number .....Description 24" Wide Drop Belt

40E .....11'-6" Drop Belt  
 40F ..... 13' Drop Belt  
 40G ..... 15' Drop Belt  
 40H ..... Retracting Pins  
 40N ..... 5 Arm Cant Lift

#### 30" Wide Drop Belt

40I .....11'-6" Drop Belt  
 40J ..... 13' Drop Belt  
 40K ..... 15' Drop Belt  
 40L ..... Retracting Pins  
 40M ..... 5 Arm Cant Lift

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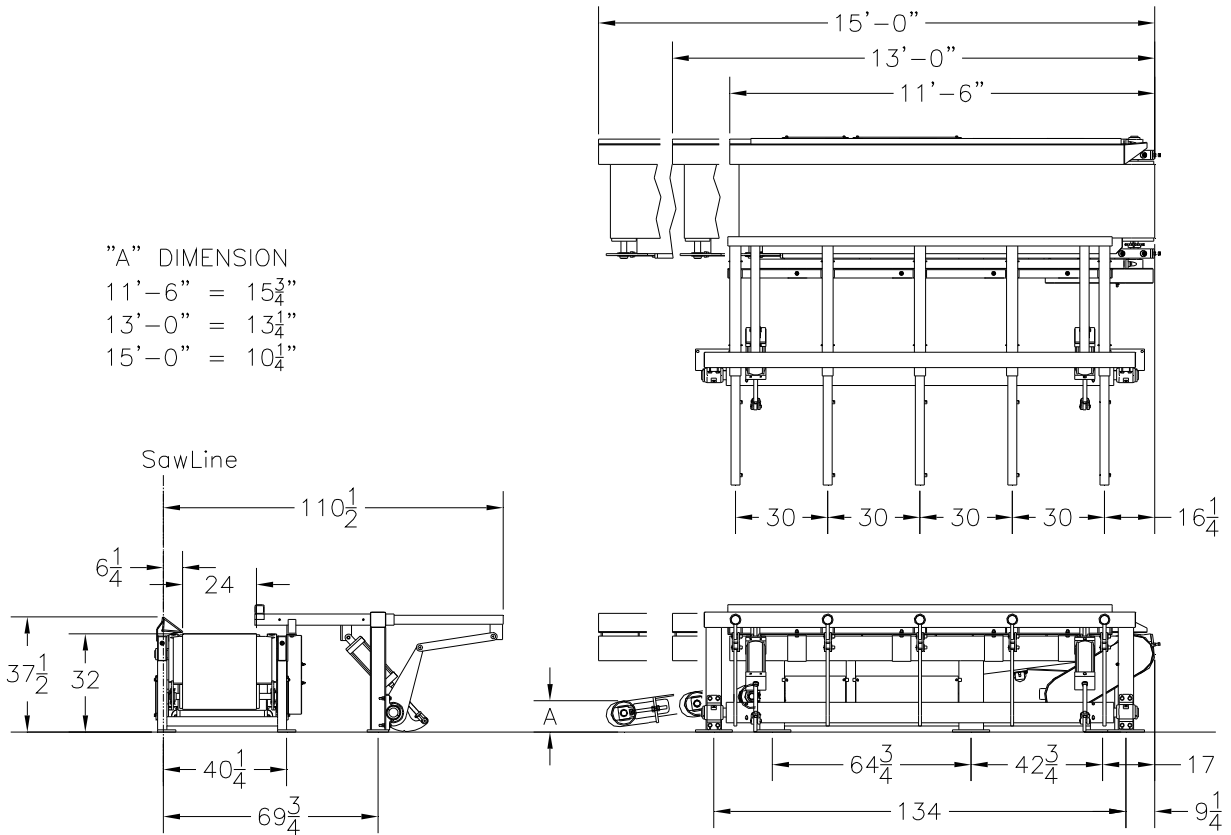


Optional Cant Lift Arms



Optional Retracting Pins

## DIMENSIONS



24" Wide With Retracting Pins

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