



LIVE STOPS  
(RIGHT HAND SHOWN)

<b>MELLOTT MFG. CO., INC.</b>		
SCALE:	APPROVED BY	DRAWN BY <i>DM</i>
DATE: <i>5/90</i>		
<b>GREEN CHAIN &amp; LUMBER TRANSFER</b>		
INSTALLATION		DRAWING NUMBER

## LUMBER TRANSFER & GREEN CHAIN INSTALLATION

### SILLS

Locate the cross sills for the transfer. Slide pipe legs into tubes on sills and place sills in position. If the transfer is spliced (i.e. more than one piece per each skid) use the sill with the four bolt holes for each skid at the splice position. Note: Pipe legs are to be welded to the sills on the site. This allows for adjustments in height. Sills must now be blocked to correct height. (Legs may be welded at this time or after skids are installed.)

### SKIDS

Skids may now be placed in the sills. Note the position of the skid with the cylinder frame if transfer is equipped with live stops. Other skids are interchangeable. If transfer has flooring, outside left and right hand skids will have angles to attach flooring on one side only. Center skid or skids will have angles on both sides.

### SHAFT, ELECTRIC MOTOR DRIVE

Position shaft with the drive in correct location (see diagram) on the bearing supports at the drive end of transfer. Make certain that skids and headshaft are at 90° then tighten bolts.

### LIVE STOPS (optional)

Bolt flange bearing to side of skids (opposite of the drive side). Insert shaft bearings, be sure to place a live stop arm on shaft next to each bearing. The live stop arm with cylinder lug is positioned next to the skid with the cylinder mounting frame. Install air cylinder with base clevis fastened to the cylinder frame lug on skid. Fasten rod end clevis to live stop arm. Make certain that live stop arm is in line with cylinder so that no binding or twisting occurs in operation. Key and tighten set screws on stop arms and bearings. Install filter-regulator-lubricator plate on angle directly behind cylinder mounting frame.

### CHAIN

Install chain so that return is through the skid. Cut chain as necessary to make equal strands for each skid. After chain is installed, adjust tail sprockets for correct tension.

### FLOORING (optional)

Mount flooring between skids. Angles welded to sides of skids allow flooring to be adjusted toward head or tail. When position of flooring is determined, clamp flooring to angles with lugs on bottom of flooring.

### SPEED REDUCER

Speed reducer is filled to correct oil level before shipment. When installing drive sprocket, make certain it is aligned with sprockets on headshaft. Reinstall shield before start-up.

### ELECTRICAL CONNECTIONS

For electric motor driven transfer - starters are not provided by Mellott Mfg. Co., Inc. Local electrician should make proper connections.

### OPERATION

**CAUTION:** Transfers are moving machinery. Personnel should remain clear of transfers at all times. Power to transfer must be locked out before any maintenance is performed on the transfer.

### MAINTENANCE

Gear box - check oil level regularly.  
Bearings on headshaft - lubricate twice yearly.  
Take-up sprockets at infeed end - lubricate weekly.  
Transfer chain - wears longer and runs easier if chain guides are kept oiled.  
Chain tension - adjust take-up to remove slack, do not overtighten.

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