



# Mellott

## MATERIAL HANDLING EQUIPMENT FOR THE LUMBER INDUSTRY

### SCRAP SHEAR SYSTEM



The operators controls are located on the front of the shear with 2 additional emergency stops on the sides.

The alloy steel knife is mounted in a 1 1/2" thick ram guided by machined Ryertex bars. This provides smooth operation with minimal wear to the cutting system.



The hydraulic power source is mounted on a separate frame. The standard 20hp unit provides 10 cuts per minute while the optional 30hp unit provides 15 cuts per minute.



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### FEATURES

Mellott scrap shears use a simple low maintenance design to shear long pieces of lumber into short, easily handled lengths. The scrap shear's standard configuration includes a 20' long vibrating infeed conveyor and a 20 hp hydraulic power unit. The operator controls are located on the front of the shear and provide class 2 electrical protection. Standard controls consist of emergency stop buttons located on the panel face and on each side, power on/off, manual operation for up and down, and an automatic mode which cycles up and down. The hydraulic cylinder is a 6" bore double rod cylinder with an extend stroke adjustment. The knife blade is alloy steel mounted in a 1 1/2" thick ram guided by machined Ryertex bars.



# MATERIAL HANDLING EQUIPMENT FOR THE LUMBER INDUSTRY

### SCRAP SHEAR SPECIFICATIONS

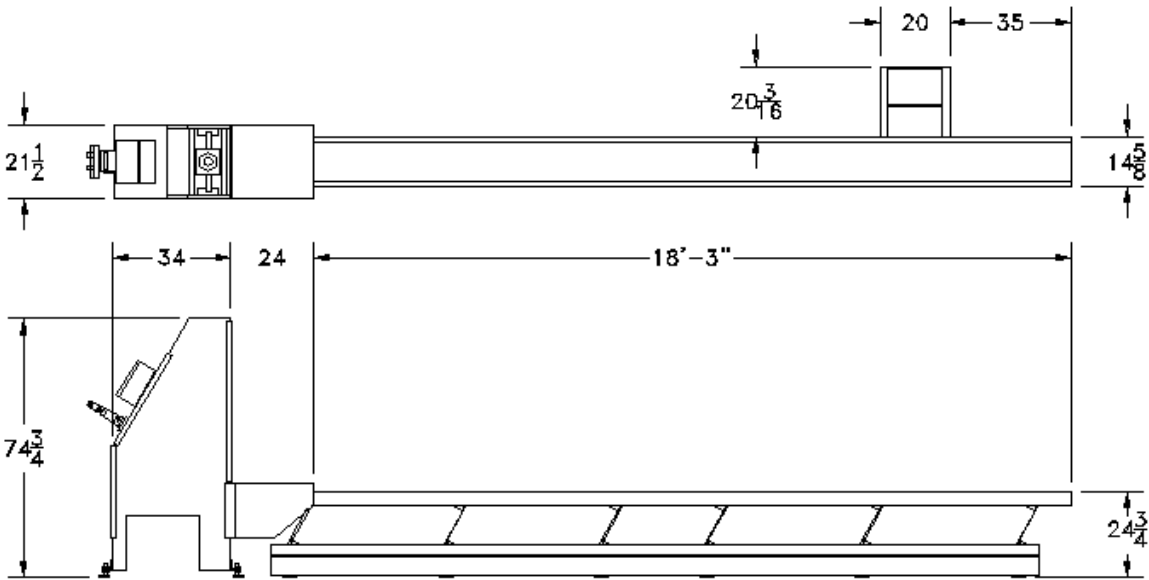
Lumber Capacity .....	4"D x 11 1/2" W x 18' L
Weight .....	3225 pounds
Cycle Rate .....	10 cuts per min. std./ 15 cuts per min. optional
Frame .....	1" thick plate steel
Anvil .....	Aluminum
Knife .....	S7 Tool Steel
Ram .....	1 1/2" thick plate
Guides .....	2" x 6" Ryertex Bars
Cylinder .....	6" Bore x 6" Stroke w/Extended Stroke adjustment
Valve .....	Hydraulic w/ separate pressure adjustment
Control .....	Auto/Manual operation
Motor Controls .....	480V 3phase class 2 protected w/ 120V Controls
Piece Size .....	11" to 14" Long

### VIBRATING CONVEYOR SPECIFICATIONS

Pan .....	Formed 3/16" plate steel
Springs .....	Fiberglass
Drive .....	3 hp 1750 RPM TEFC

### POWER SOURCE SPECIFICATIONS

Motor .....	20 hp 1750 RPM TEFC/ 30 hp optional
Pump .....	Fixed Displacement Gear
Tank .....	50 Gallon
Filter and Hoses .....	Included with tank and Frame
Max. Operating Pressure .....	2000 psi



**MELLOTT MFG. CO., INC.**

13156 Long Lane

Mercersburg, PA 17236

Phone: (717) 369-3125 Fax: (717) 369-2800

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