



# LOG AND LUMBER HANDLING SYSTEMS

## HEAVY DUTY BARK / WASTE CONVEYOR



### FEATURES

The Mellott Bark Conveyor trough is made using formed 10 gauge plate and 14 x 50mm hardened chain.

The electric drive uses a Sumitomo helical bevel reducer with either a 3hp or 5hp TEFC motor with 3 groove 3v belts to the reducer.

The hydraulic drive uses a 6,000 series Eaton hydraulic motor with RC100 roller chain to the 2 7/16" drive shaft.

The drive sprocket is a toothed type with hardened teeth and mounted with a Browning Q1 size split taper bushing.

All idler wheels for turns and transition to inclined are hardened.

The conveyor is available with 90 degree turns and transition from horizontal to inclined.



Electric or Hydraulic Drives



Idler Assembly for Transition to Incline

**MELLOTT MFG. CO., INC.**  
13156 Long Lane  
Mercersburg, PA 17236  
Phone: (717) 369-3125 Fax: (717) 369-2800  
sales@mellottmfg.com

[www.mellottmfg.com](http://www.mellottmfg.com)



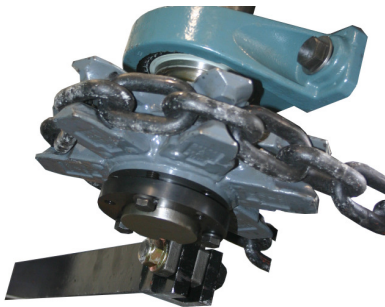
# LOG AND LUMBER HANDLING SYSTEMS

## BARK / WASTE CONVEYOR

### SPECIFICATIONS

Trough .....	Formed 10 gauge plate
Chain .....	14 x 50mm case hardened round link chain
Flights .....	2" x 2" x 1/4" angle
Electric drive .....	Sumitomo helical bevel reducer with 3hp or 5hp tefc motor
Hydraulic drive .....	Eaton 6,000 series hydraulic motor with Rc100 roller chain
Drive sprocket .....	6 tooth hardened sprocket with Q1 bushing
Drive shaft .....	2 7/16" diameter
Idlers .....	Case hardened steel

Components available for mounting in concrete troughs

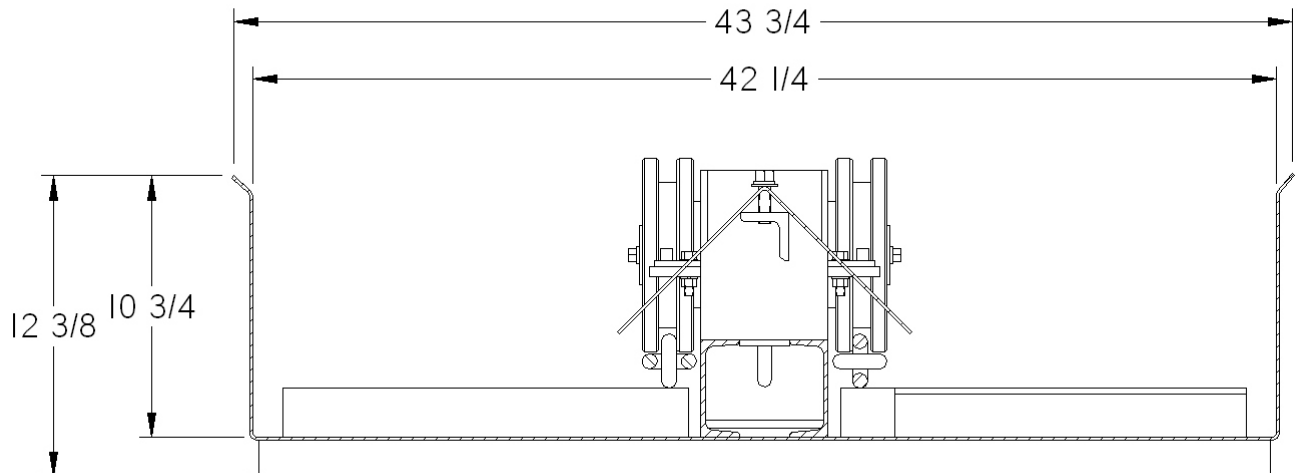


**Drive Sprocket**

The drive sprocket has forged and through-hardened teeth for wear resistance and long life. The case hardened chain and flights mount to the chain with forged shackles rather than welding.



**180 Degree Tail Assembly**



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