

# MASABA



**36" x 150' MAGNUM Telescoping Conveyor**

# MAGNUM

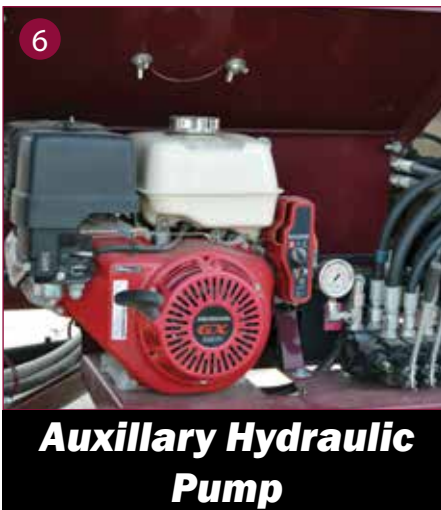
## TELESCOPING CONVEYOR

For lease, lease-purchase, and short-term rental options, contact RWC Equipment Leasing:

(561) 400-3204 • [INFO@RWCEQUIP.COM](mailto:INFO@RWCEQUIP.COM) • [RWCEQUIP.COM](http://RWCEQUIP.COM)

# Features

- 1 **Onboard Counterweight**
- 2 **Hydraulic Landing Legs** - Optional
- 3 **Central Grease Bank** - Optional
- 4 **Quick Attach Guarding**
- 5 **User-Friendly PLC**
- 6 **Self-Contained Auxillary Hydraulic Pump**
- 7 **Swing Axle Undercarriage** - Optional
- 8 **MASABA Track Technology**



**Auxillary Hydraulic Pump**

- 13 hp Gas Powered Unit
- Removes need for electric power during setup
- Allows user to operate axle jacks and extend stinger conveyor to remove weight from kingpin for easier removal from truck and operational setup



**MASABA Track Technology**

- Patented design provides constant, positive traction and smoother operation of stinger
- No cable maintenance issues associated with winch systems
- Eliminates danger of cable breakage and uncontrolled roll back



**PLC Operation**

- Most user friendly PLC on the market
- Large, color touch screen for easy interaction and high visibility
- PLC in conjunction with variable speed wheel drives create the highest quality desegregated piles
- (3) Encoders work the PLC to accurately locate X, Y, and Z locations of head pulley
- (4) Customizable programs enable users to choose their stockpiling preference
- All NEMA class components ensuring reliability in the field
  - no IEC spec electrical components

## 36" x 150' MAGNUM Telescoping Conveyor



## Axle/Drive Options

### Swing Axle Undercarriage

The Masaba Swing Axle system provides the widest and most stable radial footprint in the industry. A Variable Speed Wheel Drive allows for even distribution of material in pile for fully desegregated stockpiles. An optional 4-wheel Drive System ensures positive traction in the field.



### Folding Axle (FA)

Masaba's Folding Axle allows for transition between operational and travel positions in just minutes. Both axles can be hydraulically raised or lowered independently or at the same time simplifying the leveling process. FA Axles are available in both 2 and 4-wheel drive models.



### Hydra Shift (no chain)

The innovative Hydra Shift drive simplifies the set up process and reduces maintenance time by removing the chain. Hydra Shift allows the operator to engage and disengage the drive by simply flipping a lever on the hub.



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**5 Year** Complete Structural  
**2 Year** Complete Equipment  
**WARRANTY**

**36" x 170' MAGNUM  
 Telescoping Conveyor**



**Low Profile vs. Standard Receiving Hopper**

LENGTH	130'	140' LP	150'	150' LP	170'	190'
<b>OPERATIONAL DIMENSIONS</b>						
Max. Belt Width	36"	36"	48"	36"	48"	42"
Highest Extended Discharge Height	47' 6"	43'	52' 4"	45' 8"	60' 4"	62' 8"
Lowest Extended Discharge Height	15' 8"	18' 3"	15' 11"	19' 7"	14' 2"	15' 6"
Highest Retracted Discharge Height	28' 10"	27' 1"	31' 11"	28' 5"	38' 11"	37' 3"
Lowest Retracted Discharge Height	10' 8"	11' 9"	11' 1"	12' 4"	10' 5"	10' 10"
Feed Height	10' 10"	6' 1"	10' 10"	6' 1"	10' 6"	10' 6"
<b>TRAVEL DIMENSIONS</b>						
Length - Kingpin to Rear	71' 6"	84' 9"	85' 7"	90' 3"	105' 10"	105' 10"
Height	13' 9"	13' 9"	13' 9"	13' 7"	14'	14'
Width	11' 11"	11' 6"	11' 6"	11' 10"	12' 10"	12' 10"
Kingpin to End of Tow Eye	7' 1"	4' 9"	5' 11"	4' 9"	5' 8"	5' 8"
Kingpin to Axle	46' 8"	61' 10"	61' 10"	61' 10"	78' 11"	82' 2"
Axle to Head Pulley	24' 9"	22' 9"	23' 9"	28' 5"	29' 5"	23' 8"
Axle Weight	36,700 lbs	36,780 lbs	38,600 lbs	38,050 lbs	50,000 lbs	55,800 lbs
Kingpin Weight	28,400 lbs	20,500 lbs	24,400 lbs	19,650 lbs	22,500 lbs	28,250 lbs
<b>STOCKPILE DIMENSIONS</b>						
Max. Pile Height	42' 10"	39' 10"	50'	42' 2"	56' 11"	63' 3"
Pile Volume in Tons						
90°	40,000	35,650	56,010	42,127	83,700	112,600
180°	70,000	64'138	98,820	75,804	147,150	198,800
270°	100,000	92,625	141,640	109,481	210,600	285,000
<i>Belt Width Used for All Dimensions</i>	36"	36"	36"	36"	42"	42"

NOTE: Dimensions will vary based on axle configurations, options, etc. All dimensions are subject to change.

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