

Troughing-Roller Sludge Conveyor Models

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TRS-050

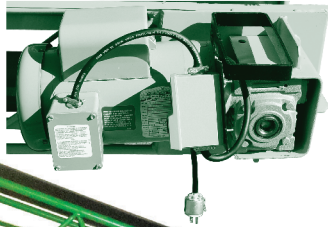
E-ZLIFT®

The E-Z LIFT Troughing-Roller Conveyor is a medium capacity conveyor designed for harsh environment and extended duty applications. The Troughing-Roller Conveyor combines key components resistant to such applications, installed on an economical high strength carbon steel tubing conveyor frame (channel or stainless steel optional).

Typical uses include:

Dewatered sewer sludge, mud, muck, granule chemicals, grains, powders, fines

Direct drive speed reducer and motor.



Features include:

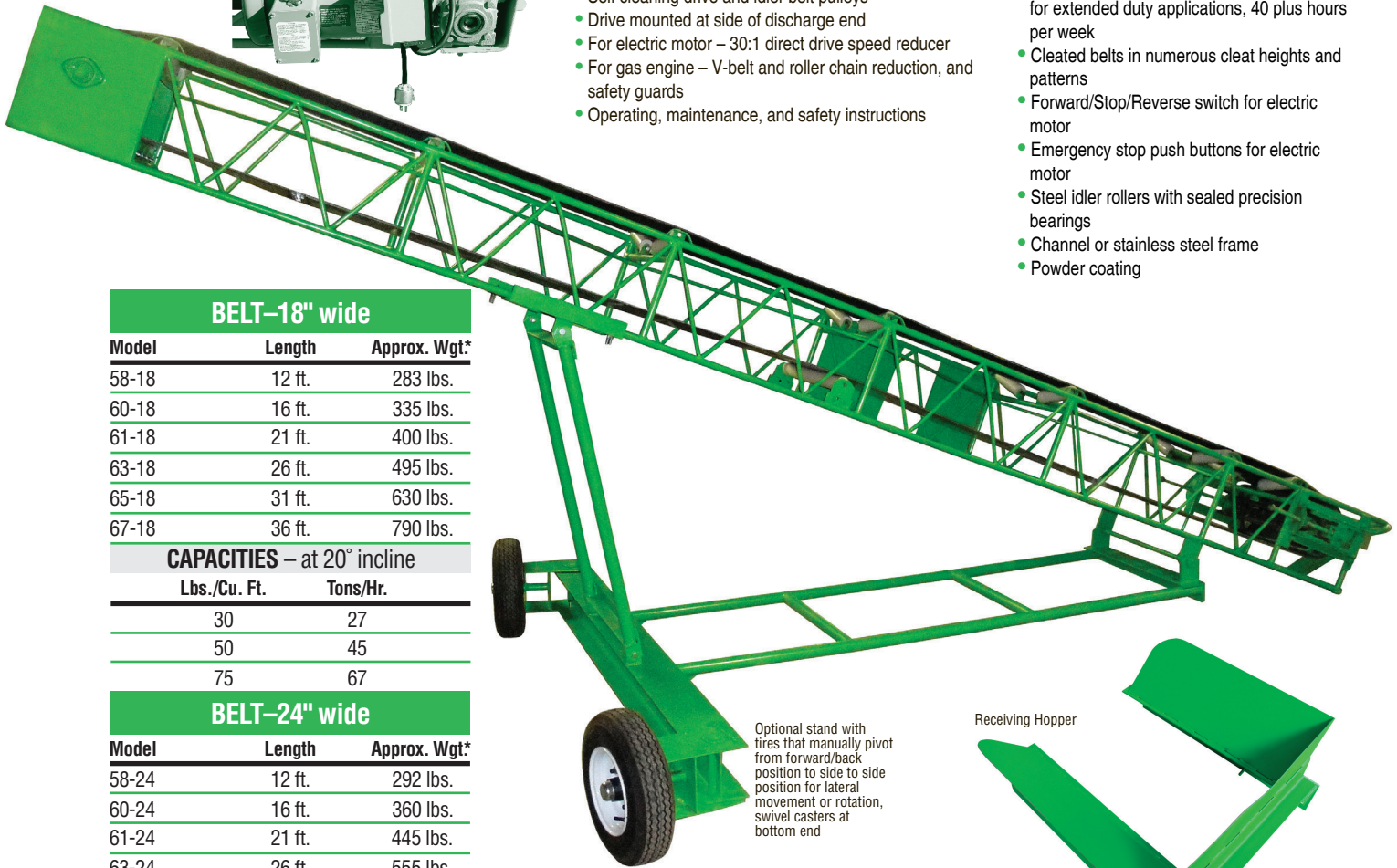
- PVC smooth covers both sides belt, 200 lbs. per inch of width work load, 15/64" overall thickness, fastened with stainless steel staple lacing
- Approximate 140 FPM belt speed
- Belt carrying and return idler roller bed
 - a) 1.9" O.D. PVC rollers with UHMW sleeve bearings, automatic lubricant release
 - b) Belt carrying idlers set on a 15° angle
 - c) Belt carrying idlers on 30" centers, belt return idlers on 120" centers
- 7/8" O.D. high strength steel tubing for 12' & 16' models, 1-1/4" O.D. on 21' through 36' models, painted with industrial enamel finish
- 15" frame height
- Conveyor belt take-up adjustments with stainless steel hardware
- Self cleaning drive and idler belt pulleys
- Drive mounted at side of discharge end
- For electric motor – 30:1 direct drive speed reducer
- For gas engine – V-belt and roller chain reduction, and safety guards
- Operating, maintenance, and safety instructions

Accessories:

- Electric motor or gas engine
- Start/Stop switch for electric motor
- Receiving Hopper
- Urethane blade belt wiper
- Fork pockets
- Dolly and hitch assembly
- Tail-light assembly
- Galvanized drip pan, under returning belt but within conveyor frame
- A-Frame stand to hold conveyor discharge at specified fixed height
- A-Frame stand with pneumatic tires to hold conveyor discharge at specified fixed height
- Towable elevating carriage

Options:

- 1.5 Service Factor rated drive components for extended duty applications, 40 plus hours per week
- Cleated belts in numerous cleat heights and patterns
- Forward/Stop/Reverse switch for electric motor
- Emergency stop push buttons for electric motor
- Steel idler rollers with sealed precision bearings
- Channel or stainless steel frame
- Powder coating



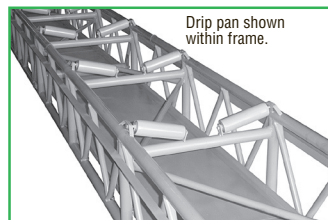
BELT-18" wide		
Model	Length	Approx. Wgt.*
58-18	12 ft.	283 lbs.
60-18	16 ft.	335 lbs.
61-18	21 ft.	400 lbs.
63-18	26 ft.	495 lbs.
65-18	31 ft.	630 lbs.
67-18	36 ft.	790 lbs.

CAPACITIES – at 20° incline		
Lbs./Cu. Ft.	Tons/Hr.	
30	27	
50	45	
75	67	

BELT-24" wide		
Model	Length	Approx. Wgt.*
58-24	12 ft.	292 lbs.
60-24	16 ft.	360 lbs.
61-24	21 ft.	445 lbs.
63-24	26 ft.	555 lbs.
65-24	31 ft.	710 lbs.
67-24	36 ft.	900 lbs.

CAPACITIES – at 20° incline		
Lbs./Cu. Ft.	Tons/Hr.	
30	36	
50	60	
75	90	

Optional stand with tires that manually pivot from forward/back position to side to side position for lateral movement or rotation, swivel casters at bottom end



Drip pan shown within frame.

Specifications subject to change without notice
*Weight w/o accessories

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