

Troughing-Roller Sludge Conveyor

Models

The E-ZLIFT Troughing-Roller Sludge Conveyor is a medium capacity conveyor designed for harsh environment and extended duty applications. The Troughing-Roller 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



Features Include:

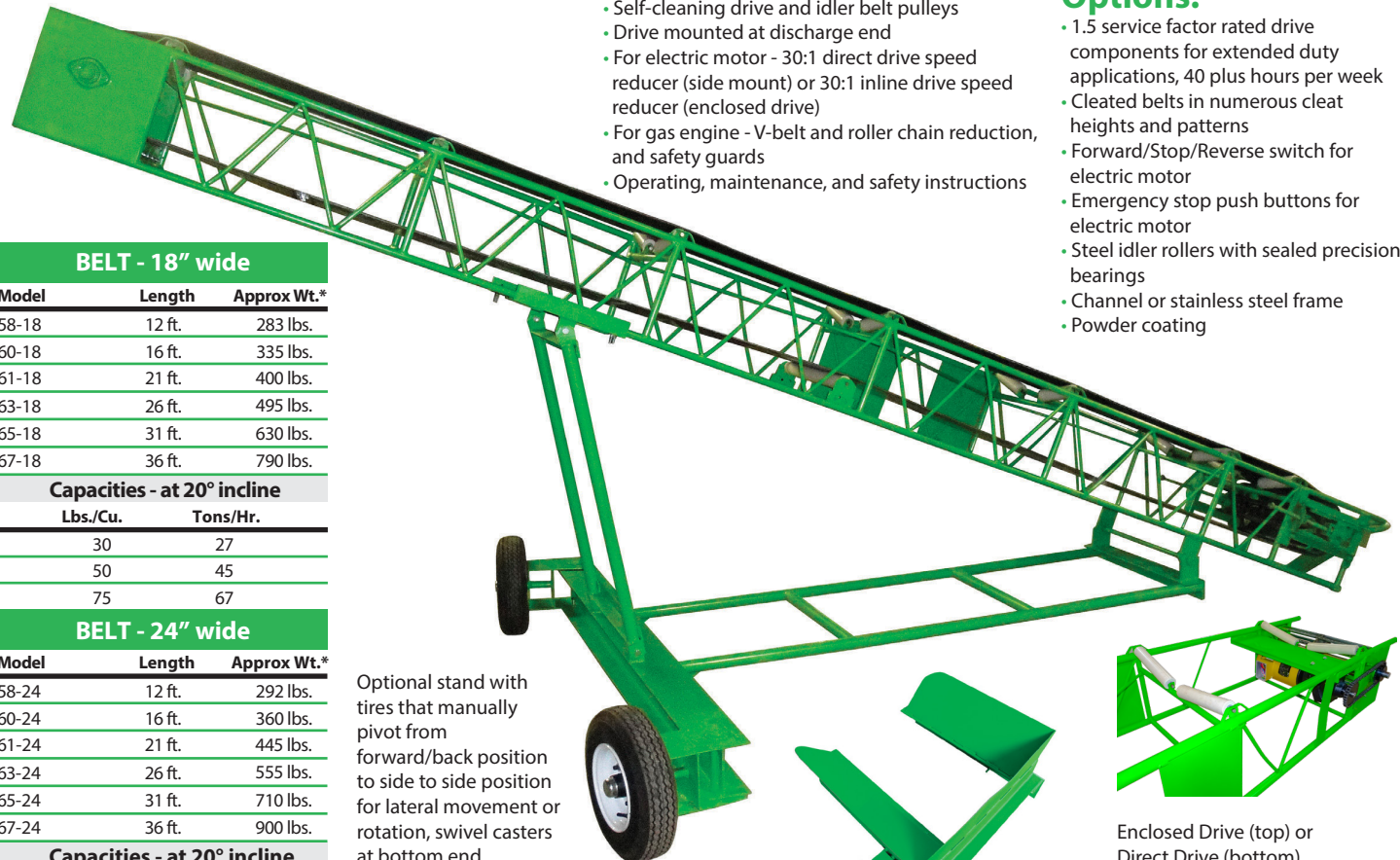
- PVC smooth covers both sides belt, 200 lbs. per inch of width work load, 15/64" overall thickness, fastened with stainless steel staple lacing
- Approximate 140 FPM belt speed
- Belt carrying and return idler roller bed
 - a) 1.9" O.D. PVC rollers with UHMW sleeve bearings, automatic lubricant release
 - 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. for 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 discharge end
- For electric motor - 30:1 direct drive speed reducer (side mount) or 30:1 inline drive speed reducer (enclosed drive)
- 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 Wt.*
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.	Tons/Hr.
30	27
50	45
75	67

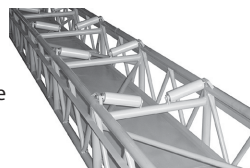
BELT - 24" wide		
Model	Length	Approx Wt.*
58-24	12 ft.	292 lbs.
60-24	16 ft.	360 lbs.
61-24	21 ft.	445 lbs.
63-24	26 ft.	555 lbs.
65-24	31 ft.	710 lbs.
67-24	36 ft.	900 lbs.

Capacities - at 20° incline	
Lbs./Cu.	Tons/Hr.
30	36
50	60
75	90

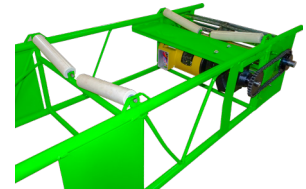
Specifications subject to change without notice
*Weight w/o accessories

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

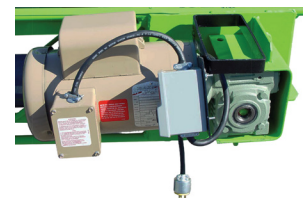
Drip pan shown within frame



Receiving hopper



Enclosed Drive (top) or Direct Drive (bottom)



Multilift, Inc.

12410 W Cedar Dr, Lakewood, Colorado 80228
Denver Area: 303-733-5533 Fax: 303-733-5642
North American Toll Free: 1-800-821-9966

ez@ezliftconveyors.com
www.ezliftconveyors.com