

TKF **VALU-LIFT™ CONTINUOUS** **VERTICAL CONVEYORS**

- High speed
- Low cost
- Low power consumption
- Revolutionary patented design



TKF VALU-LIFT™

LIGHT-DUTY 4-STRAND CONTINUOUS LIFT

Designed to handle cartons and other smooth-bottom unit loads weighing up to 50 lbs.

TKF, industry's specialist in vertical conveyors, now offers a revolutionary new design which embodies those features users want most in a light-duty vertical conveyor. Named VALU-LIFT, the new design incorporates economical modular construction and a unique new platform design for simplified assembly, efficient high-speed operation and minimum maintenance. Compared to previous vertical lifts, VALU-LIFT is smaller in size, easier to install, more quickly available, and more affordable!

Maximum unit load: 21" long x 16" wide x 22" ht. - weight 50 lbs.

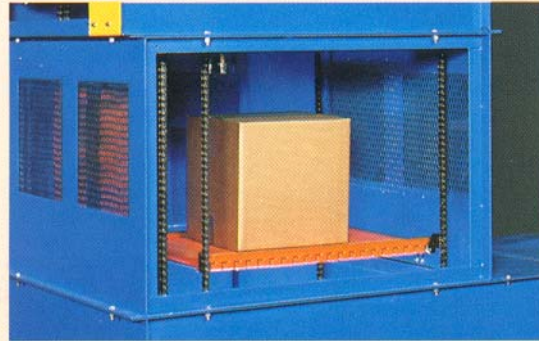
Minimum unit load: 10" long x 4" wide x 1½" ht. - weight 3 lbs.

Standard lifting heights: 8'0" - 10'0" - 12'0" - 14'0" (other lifting heights available)

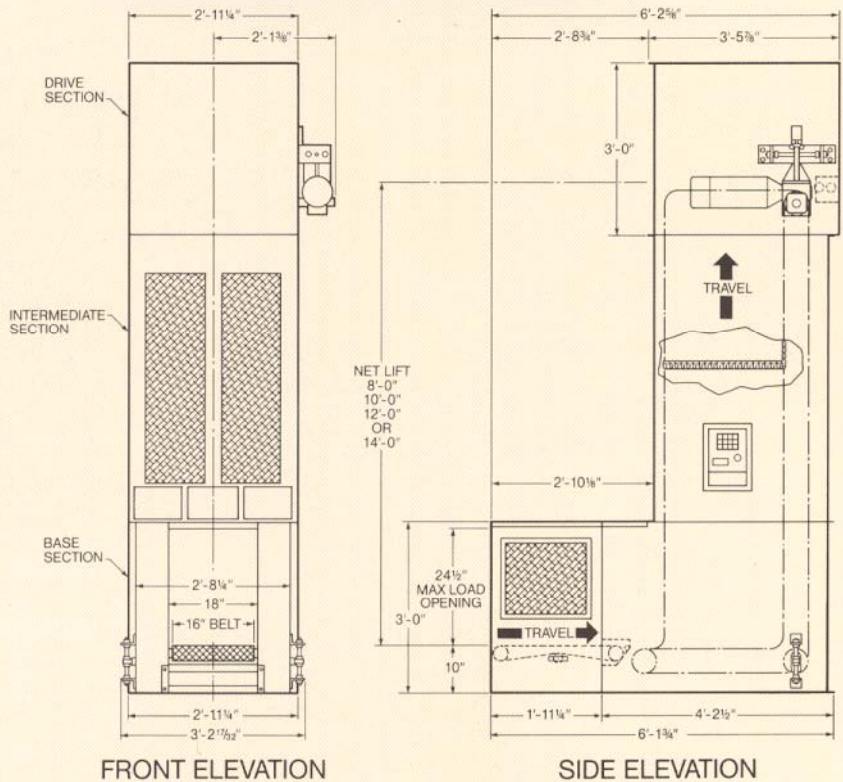
Feed/discharge points: Infeed elevation — minimum 10". Discharge elevation — maximum 20'0".

Standard Features

- Uses 24 volt DC control for optimum safety
- Unique platform design with construction of interlocking molded polymer flights with steel connecting pins
- Idler sprockets of UHMW polyethylene with lube-free journal bearings — low maintenance, quiet operation
- Each VALU-LIFT includes slider bed brake belt conveyor at infeed point, with integral safety guard
- Powered transition rollers at discharge point — insure positive drive of loads to take-away conveyors
- Power drive consists of shaft-mounted reducer — no noisy chain drive
- Spring-loaded torque arm reducer with proximity switch overload — shuts down unit instantly in case of overload
- Totally enclosed construction of shroud type tunnel guards — integral to each VALU-LIFT for maximum personnel protection
- Smooth clean design without projections



New platform design (Patent No. 5,263,574) consists of simple, light weight, interlocking molded polymer flights. Note: protective cover is removed for illustration only.



VALU-LIFT can be furnished for UP, DOWN or REVERSIBLE OPERATION — UP design shown.

Lifting Speeds & Capacities

Net Lift Ft.	Speed-FPM		Capacity - Cartons/Min	
	Max	Min	Max*	Min
8'0"	118	40	25	3.5
10'0"	118	40	26	2.9
12'0"	118	40	27	2.5
14'0"	118	40	27	2.3

*Maximum capacities may be increased depending on actual case sizes.



Vertical Conveyors • Overhead Conveyors
• Turnkey Systems • Specials

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