

KORNYLAK

UNIVERSAL POWER CONVEYOR

fast, portable transfer
of bulk or unitized loads.

UNIVERSAL POWER CONVEYOR

increases dock
productivity
88 percent



REACHES AROUND CORNERS.

The Cargo Systems Universal Power Conveyor (UPC) is a portable, self-propelled, powered roller conveyor designed to transfer unitized loads between two points, around vertical or horizontal curves.

The UPC consists of one electro-hydraulic power unit and a series of power driven rollers alternating with split idler rollers.

Unlike most roller conveyors, the UPC has no rigid frame. Instead each roller is mounted in a separate "frame," and these "frames" are linked together so that each is free to pivot approximately 15 degrees. The UPC can therefore be "snaked" around corners, up ramps, and past obstacles.

Because it is extendible, it can be drawn into the load as boxes are removed, thus eliminating the need to carry boxes to the conveyor.

Height of load carrying surface - 5 inches - makes the UPC especially suited for moving cargo from trucks or terminals into small, cramped areas. And because it is so low to the floor, there is no need to lift any carton more than a few inches.

To set the unit's configuration and position, the operator simply presses the "forward" button on the control box, and the conveyor advances toward him. If he turns a corner, the conveyor traces his exact path. To change an existing configuration, he simply presses the "reverse" button. The UPC automatically retraces its own path back to the starting point, ready to be led off in a new direction. The whole task requires about as much effort as walking a small and obedient dog.

Narrow aisles and sharp corners are no problem at all for the UPC. Excellent self-tracking assures easy manipulation of long conveyor lengths in areas hard to reach. UPC's extension and retraction capabilities let you reach areas too small for a forklift, and its low "foot print pressure," equal to about a 200-pound man walking on his heels, allows use on thin or weak floored structures.

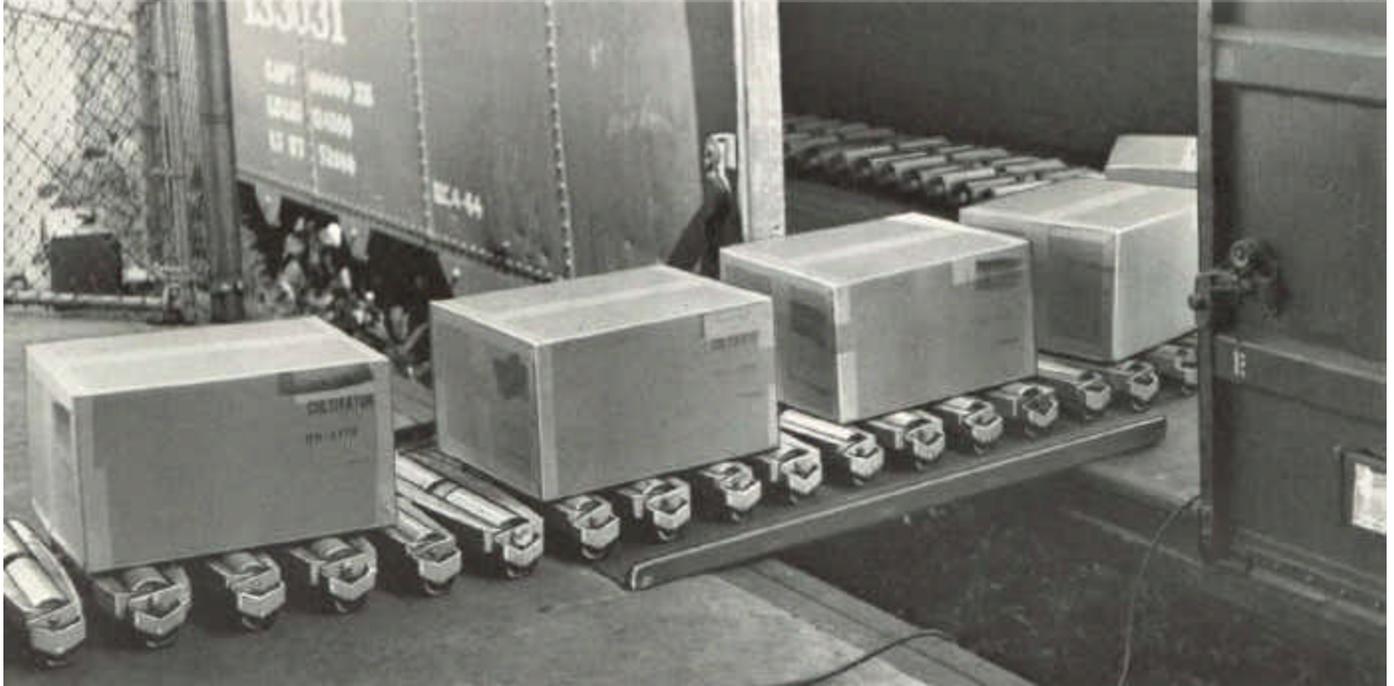
When used as a powered extension - extending from under a dock mounted fixed conveyor system - the UPC will provide a fast means of loading or off-loading city pick up and delivery trucks or 40-foot vans. UPC greatly increases the ability of a standard mobile belt conveyor unit when installed to eject and retract under the belt mechanism.

In many material handling applications, the UPC can pay for itself in three or four months, making it an outstanding investment.

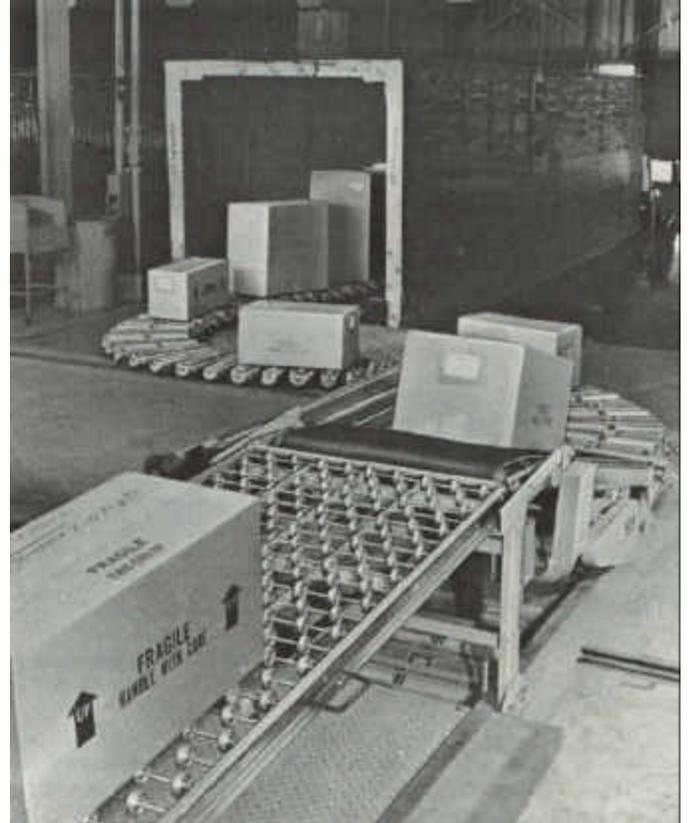
The Universal Power Conveyor is part of the Kornylak cargo system which includes powered and non-powered conveyor track sections, belt loaders, cargo lifts, and other components which can be tailored, to specific site requirements.



The UPC's versatile "snaking" capability enables effortless handling of luggage, packages, etc. through cramped transport routes, thus reducing loading/unloading time and employee fatigue.



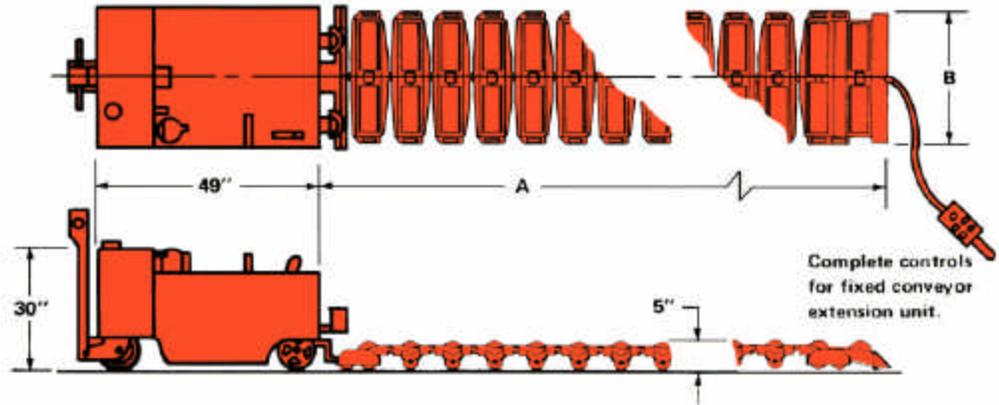
UP RAMPS, PAST OBSTACLES FOR EASIEST ON-OFF LOADING



Installed as a fixed conveyor extension unit, one man can effortlessly "walk" the unit into a van stationed at any of three loading docks. There is no time lost when a truck has been emptied and another has not yet come into that dock. The operator simply leads the UPC into the truck in an adjacent dock and unloading begins again in seconds. When not in use, the entire UPC stores under the fixed conveyor system.

UNIVERSAL POWER CONVEYOR DIMENSIONS

Power unit shown is for portable configuration. Speed and direction of both unit and conveyor are controlled at handle bars. Low Profile power units available for fixed installations.



A	Lengths are available up to 175 Feet
B	Model UPC26-26", Model UPC49-49"

SPECIFICATIONS MODEL UPC26

Standard conveyor width..... 22-1/2" rolls, 26" overall
 Design load, per roller 250 pounds
 Maximum load, per roller..... 450 pounds
 Maximum load capacity..... 2000 pounds evenly distributed
 Conveying speeds variable to 120 ft./min.
 Extension/retraction speeds variable to 120 ft./min.
 Roller spacing 7" on center
 Turning radius 36" to centerline of conveyor
 Nominal weight 37 lbs/foot of length
 Power Electric motor, 220/440 volt, 60 cycle, 3 phase
 (Gasoline air cooled engine power, or truck mounted power take-off, or tractor - mechanical system, optional)

MODEL UPC49

Standard conveyor width..... 44" rolls, 49" overall
 Design load, per roller 250 pounds
 Maximum load, per roller..... 450 pounds
 Maximum load capacity..... 2000 pounds evenly distributed
 Conveying speeds variable to 80 ft./min.
 Extension/retraction speeds variable to 80 ft./min.
 Roller spacing 8" on center
 Turning radius 72" to centerline of conveyor
 Nominal weight 75 lbs/foot of length
 Power Electric motor, 220/440 volt, 60 cycle, 3 phase
 (Gasoline air cooled engine power, or truck mounted power take-off, or tractor - mechanical system, optional)

*In accordance with our established policy of constant improvement, we reserve the right to amend these specifications at any time without notice.
 The only warranty applicable is our standard written warranty. We make no other warranty, expressed or implied, and particularly make no warranty of suitability for any particular purpose.*