

shield, rugged self-standing frame in 10' long bolted sections, sealed anti-friction terminal bearings, forged head and tail shafts, adjustable overload protection, self locking drive, versatile loader/unloaders and ease of tie in with floor conveyor systems for rapid flow of material to and from Vertiflo®.

Marine Application

Some of the most spectacular applications of Vertiflo® have been on combat and supply vessels where they handle cargo, supplies, and ammunition at high rates of speed. Here dependability is of prime importance, and it is to meet this service requirement that many of the refinements built into Vertiflo® were first developed.

The Kornylak Corporation recently shipped four integral trunk type vertical package conveyors Vertiflo® for installation on board the \$1.4 billion U.S. Navy Ship LHD-8 now under construction.

The 844-foot, 40,500-ton LHD-8 scheduled to be christened the U.S.S. Makin Island in 2007, is the latest ship of the U.S. Navy's multipurpose amphibious assault program built by Northrup Grumman. The Navy-Marine Corps team's newest amphibious warship has as its primary mission the support of a Marine Landing Force specifically designed to accommodate

new Landing Craft and Harrier II (AV-8B), which provide close-in air support for the assault force.

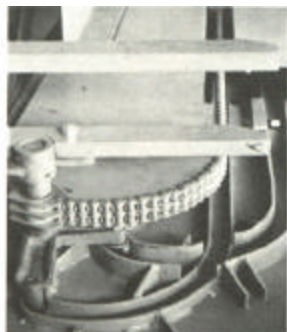
In support of the program's eight massive aircraft carrier-type ships, Kornylak to date has built and delivered a total of 32 vertical package conveyors designed under the latest stringent military specifications and rigid reliability testing requirements. The conveyors range in length from 40 to 66 feet and are capable of handling shipboard loads ranging in weight from 100 to 200 lbs. at a rate of 12 loads per minute.

Industrial

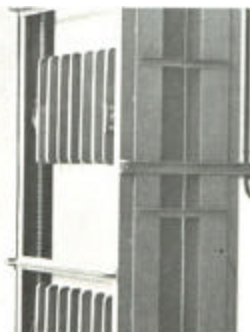
Vertiflo® is a free standing space saving unit capable of high speed handling of practically any package used in industry. The choice of simultaneous manual or automatic loading and unloading at as many levels as desired permits the flexibility required in modern manufacturing lines. Horizontal conveyors at each level can be tied in with the Vertiflo® to form a complete system. Accessories such as intercoms, enclosures, special trays, safety devices, etc. are available to match Vertiflo® to any requirement.



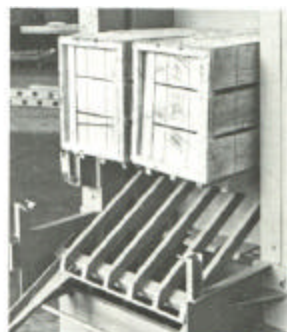
Manual up load



Positive tray control



Compact tray return

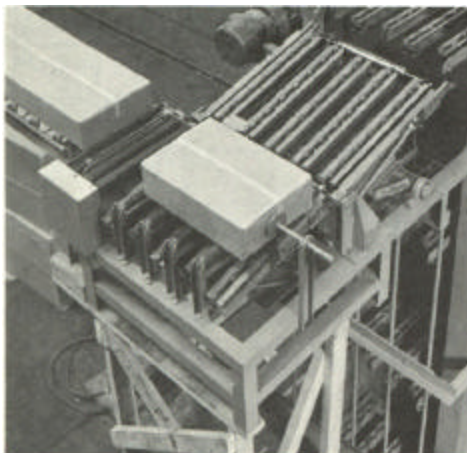


3 position loader, unloader, guard

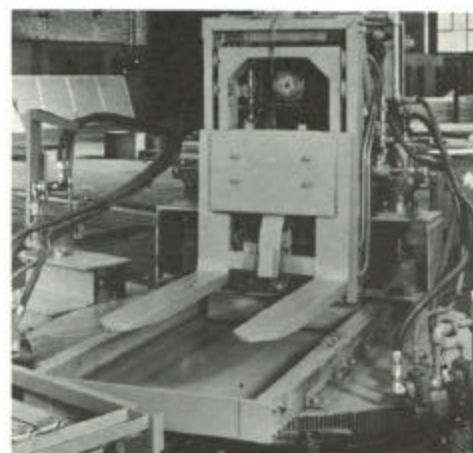
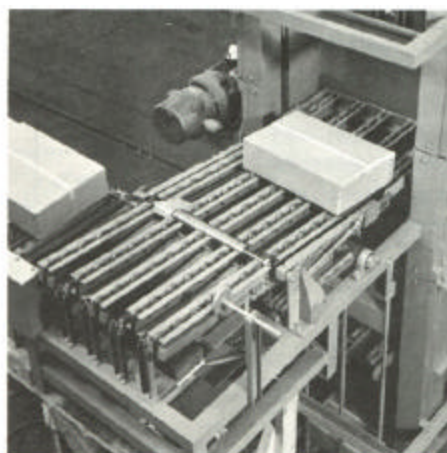


Testing 40' unit before shipment

And Automatic Operation



Automatic load/unload. Cartons are loaded or unloaded rapidly while the Vertiflo continues to move full speed in either up or down direction. Model 24D85



Pallet Loader. 4,000 lb. Pallets can be loaded into a 52A4000 at 2/minute.