



◀ 90mm shells automatically delivered from a nosing press to an accumulating rack solves a difficult fork truck aisle clearance problem. Other Armorbelt in the same plant handle chips, red hot forgings out of press pits, and transfer shells between various forming, machinery and finishing operations. Tight curves, resistance to heat, abrasion and impact, safe enclosed construction, high strength and automatic features are the requirements which only Armorbelt was able to meet.

▶ Seven foot wide Armorbelt handling foam rubber cushions. The rubber and plastic industry use Armorbelt as an infra-red oven conveyor because of its heat resistant, reflective surface and automatic takeup and also as a cementing line conveyor where the easy removal of spilled cement is important.

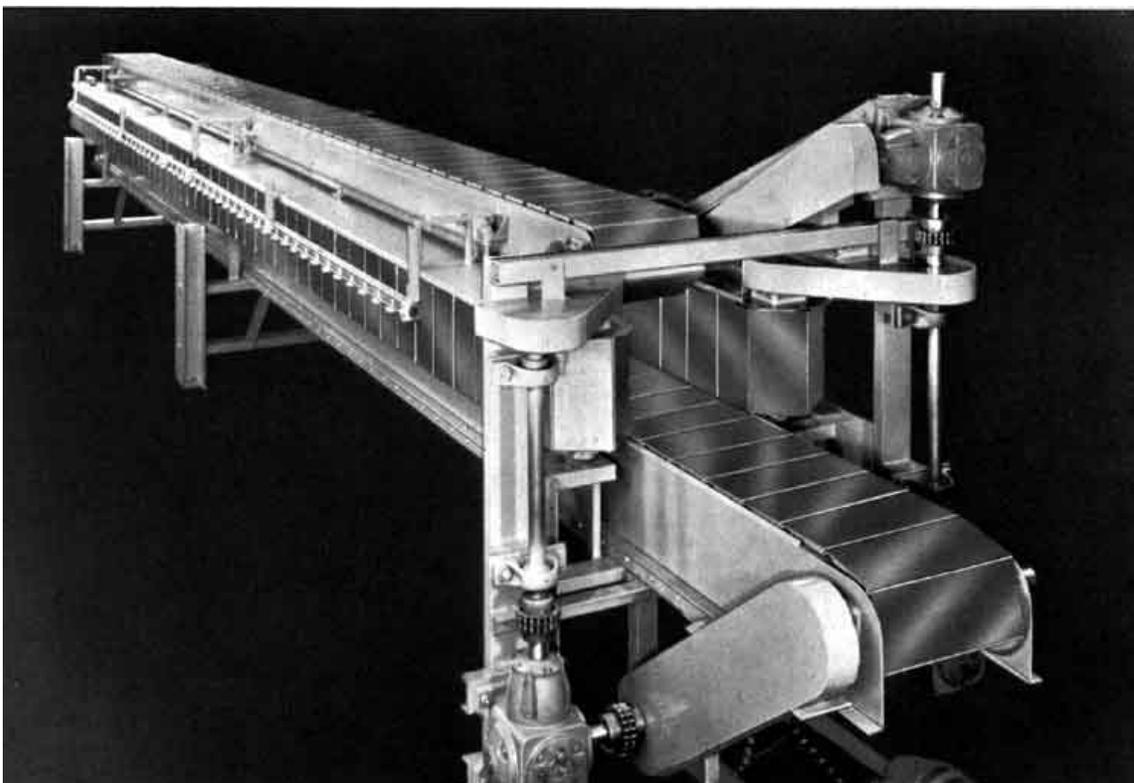


The belt is smooth, hard zinc-coated steel which cannot be damaged by strapping, projecting nails, oil, solvents, impact, heat, or cold. The bright reflective surface is ideal for infrared oven conveying. Freedom from rust means no product discoloration. Its smooth surface permits easy loading, unloading or backing up of packages. Aircraft-type belt construction imparts high rigidity with low weight. Belt links snap together rapidly without tools. The patented chainless design is the strongest sectional belt known. Its greater pivot surface practically eliminates wear. Hardened steel ball-bearing rollers running on a smooth steel track keep

horsespower to an unbelievably low level. Any combination of horizontal, inclined and vertical paths is possible in a one piece conveyor. Belt joint stays tight even around end sprockets. Narrow depth and standard 10' long spacing are ideal for production line conveyors. Jigs fastened to the belt make it a moving production line. Electric outlets mounted on the belt permit conveyORIZED electric testing. The positive sprocket drive assures exact speed synchronization and permits automatic holdback on inclined and vertical conveyors. An automatic takeup compensates for heat expansion in ovens.

Installation and maintenance costs are minimized by the rapid belt assembly, one piece frame in 10' sections, fully adjustable legs with floor lagging pads, grease sealed ball bearings at terminals, easy replacement of damaged belt links, and no need to worry about belt tracking - the belt does not stretch, is not affected by humidity and is not pushed out of line by loading from the side or uneven load distribution.

Armorbelt is versatile, dependable and economical.



Four synchronized stainless steel Armorbelt conveyors form an adjustable moving tunnel for cooling and forming of plastic. Armorbelt's ability to withstand high pressure loads, exact synchronization of all four conveyors, smooth tight jointed surface and compact construction made this operation possible.