

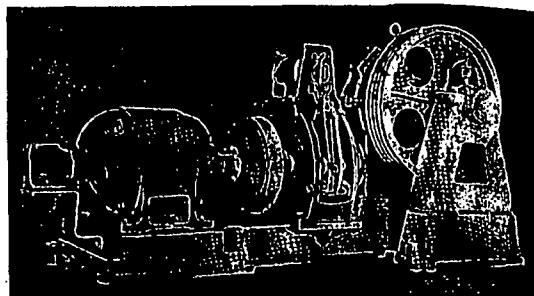
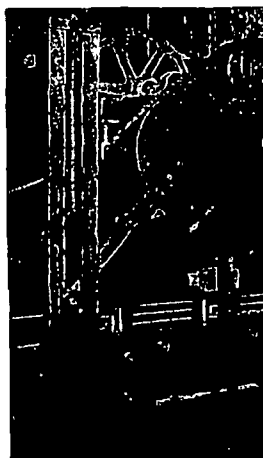
H114 V-BELT—This belt can be spliced to fit any drive centers and comes in 100-ft rolls. Both sidewalls are flat, full-grain leather. C A Schieren Co, 30-38 Ferry St, New York, N. Y.

H136 VIBRATING FEEDER—Electric-vibrating feeder has an enclosed power unit for installations where the material is magnetic, hot, dusty and abrasive. In addition to being dust tight, it is also provided with air-inlet and outlet features. Thus a stream of air circulates through the motor and if necessary builds up a slight pressure that acts as double insurance toward keep-



ing dust out. Power unit has adjustable supports that allow for changing the feeder slope from 5 deg up to 15 deg down-grade, by loosening four cap screws on the support, and raising or lowering the deck end to suit. Jeffrey Mfg Co, Columbus 16, Ohio.

H1 CAR DOOR OPERATOR—Elevator-car door opens and closes by simple torque-motor operator. Motor drives operator through V-belt. To prevent a passenger being injured if car door should hit him, torque motor is adjusted so that it has only enough power to close door easily. With little effort, passenger can stop door in any position. Electronic-tube timer holds car gate open at floors to allow



H14 FLUID-DRIVE ELEVATOR—Freight and passenger elevators equipped with fluid drive to reduce installation, maintenance and operating costs. When car switch is closed motor starts and acceler-

ates to nearly full speed before fluid drive takes hold, which manufacturer says reduces starting current and electric power costs. Warsaw Elevator Co, Warsaw, New York.

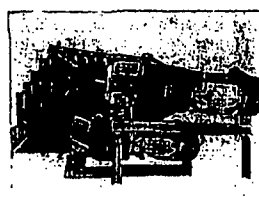
H12 POWER JACK TRACTOR—Unit speeds up warehouse operations and increases usable storage space. Unit, built to tow trailer trains and to serve as pushing unit, powered by storage battery that provides for 8- to 10-hr work period with maximum load. Lewis-Shepard Products, 297 Walnut St, Watertown 72, Mass.



H13 FLEXIBLE COUPLINGS—Pin-type flexible couplings have taper-lock bushing previously used with V-belt sheaves; bushing assures fastening coupling to shafts with shrink-fit tightness and eliminates re-boring. Coupling machined all over to insure balance and true running. Dodge Mfg Corp, Mishawaka, Ind.

H17 ELECTRIC HOIST—Whipp electric hoists range in capacities from 250 to 2000 lb, with cross- or parallel-mounted trolleys. Standard lift is 12 ft, but 20 ft can be supplied. Hoist has pushbutton control, preformed wire rope, grooved drum and motors that meet NEMA standards. Ford Chain Block Div, American Chain & Cable Co, York, Pa.

H127 VIBRATING FEEDER—Specially designed for large capacity separation of crusher feed, unit has heavy-duty magnetic vibratory grizzly feeder. Feeder comes in different sizes and styles, either single or double magnet with magnet mounted above or below the deck. Syntex Co, Homer City, Pa.

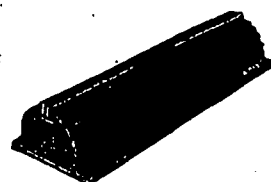


H16 CONVEYOR IDLERS—Self-aligning conveyor belt idler features two types: Self-aligning idler with guide roller on each side, and self-aligning idler with flared friction-type end pulleys, adaptable for reversible belts. Jeffrey Mfg Co, Columbus, Ohio.

H18 CONVEYOR SCALE—Continuous weighing of dry materials on conveyor belts is function of this unit. Can be used for weighing coal, powdered chemicals, etc. Builders-Providence, Inc, Providence, R. I.

H111 BELT—Belt with rubber teeth does not slip and operates almost noiselessly on pulleys grooved to fit the teeth. Belt is reinforced with steel cables embedded in oil-resisting synthetic rubber, and operates at speeds up to 10,000 fpm. L H Gilmer Div, U S Rubber Co, Rockefeller Center, New York.

H30 CONVEYOR ELEVATOR—Enclosed-belt, continuous conveyor-elevator is suitable for handling bulk chemicals, coal, or any granular, flaky pulverized or small



lump materials. Conveyor operates over long distances and to considerable heights without slippage, breaking or contamination of product. Stephens-Adamson Mfg Co, Aurora, Ill.

H115 MITER GEAR BOX—Gear box can be installed in any position, and is constructed with solid mounting base to simplify installation. Can be used for operating valve controls, doors and power drives of transmission equipment. Plezo Mfg Corp, 110 E 42nd St, New York 17, N. Y.

H16 ELECTRIC HOIST—Speedway electric hoists built in capacities from 250 to 2500 lb. Hoist has grooved drum, which accommodates 12 ft of lift without over-winding. Wright Hoist Div, American Chain & Cable Co, York, Pa.

H15 SWIVEL-HOOK ASSEMBLY—Drop-forged replacement assembly for wire-rope and chain fittings has improved safety latch. Hooks are available in 1- and 1-ton sizes and are recommended for crane, hoist and lashing applications. Thomas Laughlin Co, Portland 6, Me.



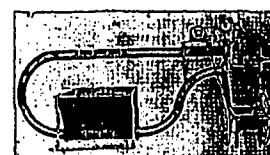
H19 CLAMP-ARM ATTACHMENT—Clamp arm for fork-lift trucks prevents shifting or slipping of large flat loads while being carried or stacked. Towmotor Corp, 1226 E 152 St, Cleveland 10, Ohio.

H20 DIFFERENTIAL CHAIN HOIST—Unit has full-weight accurately cast sheave wheels, high-tensile strength malleable-iron frame with reinforcing ribs, drop-forged heat-treated hooks, special-analysis hoist chains, precision made to fit sheave pockets. Chester Hoist Co, Lisbon, Ohio.

H121 CRANE ARM—Crane arm attachment to fit company's lift trucks is made of tubular steel with 24-in. minimum length and 72-in. maximum in 6-in. increments. Longer lengths available. Lewis-Shopard Products, Walnut St, Watertown, Mass.

H22 CORD CONVEYOR BELT—Nylon is used as transverse cord breaker in this cord conveyor belt. B F Goodrich Co, Akron, Ohio.

H123 BALL-BEARING WHEELS—For use in many applications, including conveyors, wheels are made to fit standard 1-in. axles. George K Carrett Co, 1421 Chestnut St, Philadelphia 2, Pa.



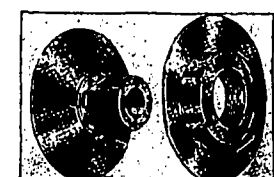
H10 TRANSFER CONVEYOR—Conveyor automatically removes sediment from settling tanks without fluid removal. Basically, unit is motor-driven endless-link chain on which 4-in. Neoprene rubber flights are mounted 6 in. apart. Honan-Crane Corp, 200 Superior Ave, Lebanon, Ind.

H117 MAGNETIC PULLEY—Permanent magnetic pulley with *Atheco* poles available in 53 sizes from 12-in diameter and 12-in width to 30 x 60-in. Used as head pulley in belt conveyors, it removes magnetic substances from non-magnetic materials on the belt. Dings Magnetic Separator Co, Milwaukee, Wis.

H118 CRIDDED BEARINGS—Heavy-duty high-speed bearings for diesel and heavy machinery consist of centrifugally-cast lead-bronze shell with inner surface gridded. Precision-spaced grids are filled with silver babbitt with run-in surface of lead-tin alloy 0.002 in. thick electroplated to the bore. Bearing usually made as half bushings, but can be full cylinders. National Bearing Div, American Brake Shoe Co, St. Louis 10, Mo.

H129 HYDRAULIC CRANE—Mobile hydraulic crane lifts and carries up to 3 tons, has 10 ft of vertical boom travel and 16 ft

of cable travel. Maximum clearance under hook is 18 ft 6 in. Day-Smith Hydraulic Crane Corp, Camp Hill, Pa.



H24 VARIABLE-PITCH SHEAVES—Fractional horsepower sheaves have 20 threads per inch to provide finer adjustment than obtained with usual 16 threads per inch. All sheave sizes can be obtained in three standard bores: 1, 1.5 and 2 in. Dodge Mfg Corp, Mishawaka, Ind.

H113 CLEVIS HOOK—For quick attachment with safety, clevis hook uses a bolt, slotted nut and cotter pin for fastening to ropes, chains or other lifting devices. Made in 1.5-, 2-, 3-, and 5-ton sizes with all parts of drop-forged, heat-treated steel. Thomas Laughlin Co, Portland 6, Me.

H12 TRANSMISSION BELTING—This belting features improvements, as well as return of *Monarch Amber* belting which was restricted during the war. *Monarch Amber* has straight-edge construction. Segments are made in folded-edge construction. Hawitt Rubber Div, Hawitt-Robins, Inc, Buffalo 3, N. Y.

H25 DRUM AND BARREL TILT—Designed to simplify material handling and eliminate hand dumping, tilt is of welded structural steel in sizes to suit requirements and weighs about 125 lb. Unit is equipped with devices to hold barrel without slipping. Palmer-Stille Co, Detroit, Mich.

