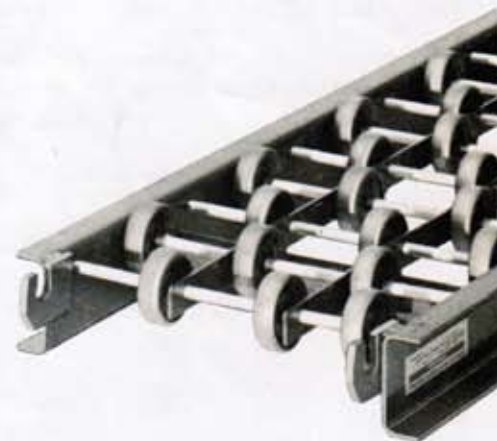




Rolmaster **CONVEYORS**



ROLL

BELT

OR WHEEL

**THE ALL
CANADIAN
CONVEYOR**



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Rolmaster

CONVEYORS

GRAVITY WHEEL CONVEYORS

Rolmaster wheel conveyors are available in either steel or aluminum, in standard 5 foot and 10 foot sections which can be easily connected together to form complete conveyor systems. With wheel conveyors you get excellent tracking characteristics for cartons, tote boxes, trays, small pallets and many other packaged goods with firm, flat bottoms. In aluminum they are corrosion-resistant, lighter than steel. They roll so easily that they require very little descent angle and are easily installed and dismantled. Available in widths of 12", 15", 18", 24" and 30". Other widths to order.

GRAVITY ROLLER CONVEYORS

Rolmaster roller conveyors can bear heavier loads than wheel conveyors and provide an almost unbroken carrying surface. They require more pitch than wheel conveyors and can be used to move lumber, molds, cartons, cans, boxes, cable spools, crates with skids, pails with chimes, tote boxes, pallets, baskets with runners — and many hard-to-handle items. Available in steel or aluminum and can also be assembled or dismantled easily and moved. Also available as a LIVE ROLL POWER CONVEYOR — see page 6. Widths: 12", 15", 18", 24", and 30". Other widths to order.

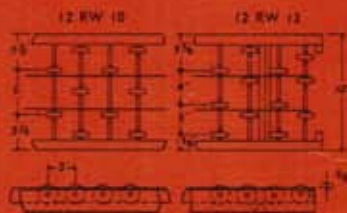
POWER BELT CONVEYORS

One of the most economical forms of materials handling, Rolmaster smooth-functioning horizontal belt conveyor with slider or roller bed can be used for single-level or inclined transfer. Because belt to bed friction is very low, minimum power moves the heaviest loads. Can be equipped for reversible travel. Smaller units can serve as boosters in your gravity system. See pages 7-13.



Rolmaster "Rol-Rail"

Available to suit customer's requirements.



Rolmaster Gravity Wheel Conveyors

Characteristic Wheel Arrangements

1/4" axles on 3" centres is typical; wheels can be 8, 10, 12, 14, 16, 18 or more per lineal foot and in any width conveyor required. Special wheel arrangements or widths built on request.

Standard widths - 10 ft. and 5 ft. straight lengths



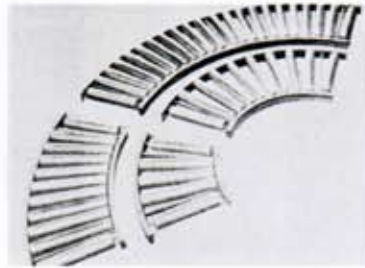
Rolmaster Rolltube Conveyors

Characteristic Alignment and Widths

Rolltube Conveyors can be made in any width with rolls at specified centres; roll diameters from 1" O.D. to 3" O.D.; full face or split; to handle any specified load, capacity or application.

Rolmaster THE ALL CANADIAN GRAVITY CONVEYOR

We cannot stress too strongly the flexibility and versatility of Rolmaster Gravity Conveyors. While we present here the basic and standard types of Rolmaster Conveyor equipment, these standards are constantly being adapted by our own engineering and design department to function efficiently and economically in an almost incredible number of different applications. These many years of experience in all fields of "materials handling" are at your service. Never hesitate to call on us for aid in the solution of such problems.



STRAIGHT AND CURVED ROLLER SECTIONS



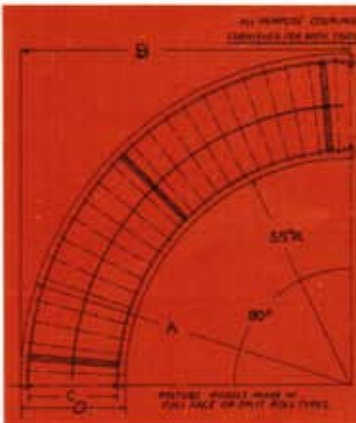
STRAIGHT AND CURVED WHEEL SECTIONS



TWIN ROLLER CURVES

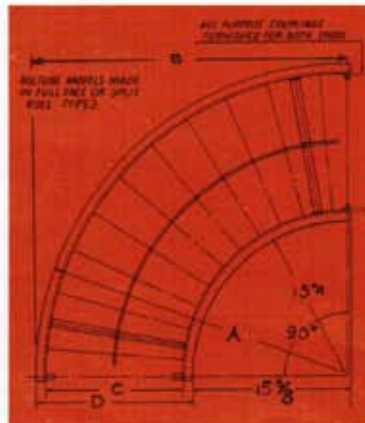


TAPERED ROLLER CURVES



90° CURVE
33" INSIDE RADIUS

RT & RW	A	B	C	D
1233	45"	45 3/8"	10"	12"
1533	48"	48 3/8"	13"	15"
1833	51"	51 3/8"	16"	18"



90° CURVE
15" INSIDE RADIUS

RT & RW	A	B	C	D
1215	27"	27 3/8"	10"	12"
1515	30"	30 3/8"	13"	15"
1815	33"	33 3/8"	16"	18"

SPECIFICATIONS

STRAIGHT SECTIONS

MODEL	Overall Width	Roller Centres	Length	
			10 ft.	5 ft.
12-RT-30	12"	3"	89 lbs.	45 lbs.
45	12"	4 1/2"	69	36
60	12"	6"	60	32
90	12"	9"	53	30
120	12"	12"	49	29
15-RT-30	15"	3"	104 lbs.	53
45	15"	4 1/2"	80	42
60	15"	6"	70	36
90	15"	9"	57	33
120	15"	12"	53	31
18-RT-30	18"	3"	119	61
45	18"	4 1/2"	92	48
60	18"	6"	79	40
90	18"	9"	63	36
120	18"	12"	57	33
24-RT-30	24"	3"	155	80
45	24"	4 1/2"	121	65
60	24"	6"	104	55
90	24"	9"	79	41
120	24"	12"	71	35

CURVED SECTIONS

MODEL	Overall Width	90 deg. 33" inside radius		90 deg. 15" inside radius	
		45 deg.	45 deg.	45 deg.	45 deg.
12-RT-30	12"	54 lbs.	25 lbs.	31 lbs.	13 lbs.
60	12"	42	18	28	11
15-RT-30	15"	64	29	35	15
60	15"	46	20	32	13
18-RT-30	18"	74	34	39	17
60	18"	51	23	35	14
24-RT-30	24"	84	40	44	19
60	24"	56	27	39	15

Roller Lengths:

12" wide Models — End rolls 8 1/2" — Others 10"
 15" wide Models — End rolls 11 1/2" — Others 13"
 18" wide Models — End rolls 14 1/2" — Others 16"
 24" wide Models — End rolls 20 1/2" — Others 22"

- ROLLER, WHEEL OR "ROL-RAIL"
- ALUMINUM, STEEL OR A COMBINATION
- STRAIGHT, CURVED OR AT AN ANGLE
- ANY WIDTH, ANY LENGTH, ANY CAPACITY

There is practically no limit to the versatility of Rolmaster Gravity Conveyors. However, different types of conveyors do have different applications. "Roltube" Roller conveyors are particularly suitable for wire bound crates, flange bottom cans or drums, or any uneven bottoms. They also handle lumber and other long, narrow materials. Wheel Conveyors are generally used where cartons or cases have fairly flat bottoms, and for lighter weight materials. You will find a wide range of applications pictured in this catalogue.

Rolmaster

ACCESSORIES for EVERY REQUIREMENT



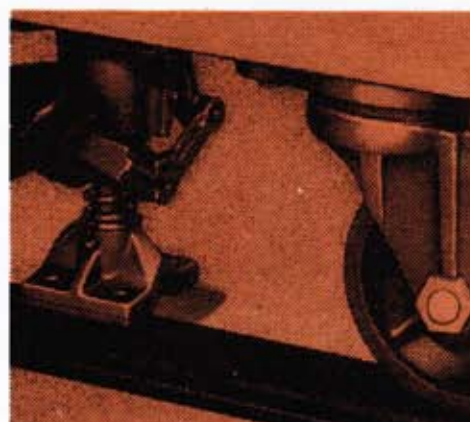
ROLAJUST TRIPOD STANDS

Three standard sizes; adjustable to convenient heights for proper fall in elevation. Heights: 12" to 24"; 24" to 42"; 42" to 78". All in stock.



ROLTRUX XH PORTABLE STANDS

For extra heavy applications where portability is essential; rugged construction for long life.



ROLOX FLOOR LOCKS

For all portables. They hold the unit solidly in place. Conveniently locked or unlocked by toe pressure.



GUARD RAILS

Inner and/or outer; for either straight sections or curves. Easily adjustable. Out-board supports supplied with all curves at no extra charge.



ROLTRUX PORTABLE STAND

Adjustable in both height and length. Eliminates carrying conveyor; whole length easily wheeled wherever desired. Also built for curves.



GRAVITY TAIL FEED

A special detachable unit that facilitates loading directly from gravity unit to any Rolift powered conveyor.

HELPFUL INFORMATION Rolmaster Gravity Roll Conveyors

Roller type conveyor equipment is generally used where uneven bottom surfaces are to be carried such as: Cleated Cases, Baskets, Bushels, Flange Bottom Cans, Wire Bottoms, Milk Cases, etc.

Widths: Rolmaster Gravity Roll Conveyors are manufactured in standard widths of 12, 15, 18, 24 and 30" overall width in both single and double roll, or to any specific requirement.

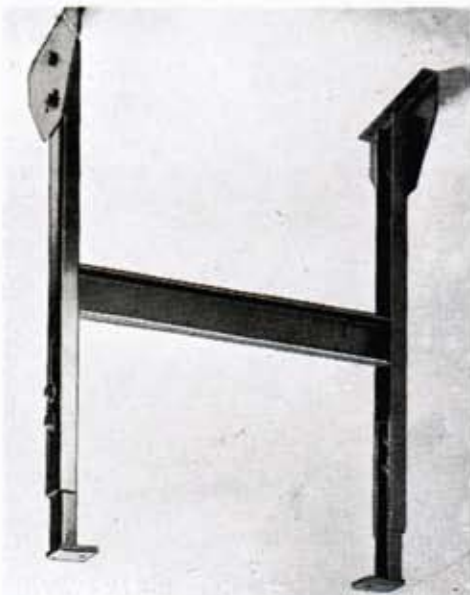
Roll Diameters: As standard equipment, 2" OD 18 gauge, 16 gauge and 13 gauge, and 2 1/4" OD 13 gauge rolls are available. Rolls can be manufactured using almost any required diameter and gauge required.

Bearings: Standard rolls are fitted with 1/4" SMT ball bearings; 3/8" FK bearings and

3/4" FK bearings. Special purpose bearings are furnished upon request.

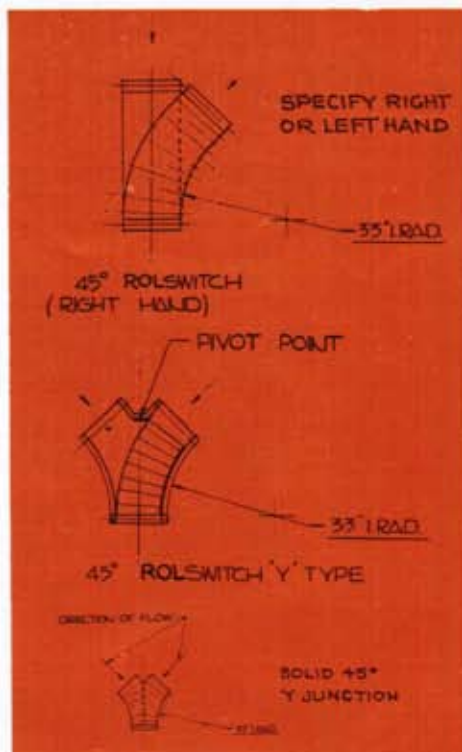
Rolls Per Foot: Standard production includes 3", 4", 4 1/2", 6", 9" and 12" roll centres. (Centres are determined by length of material to be moved). Rolmaster also build on any centres specified. Note: no case, material etc., should be on less than 3 rolls at any time. Capacity of 1/4" bearing equipment is based on 650 lbs. distributed live load when supported at 10' intervals. 3/8" bearing equipment is rated at 100 lbs. per roll, live load, 3/4" bearing equipment from 160 to 225 lbs. per roll, depending on bearing type. **Note:** total loading controlled by channel capacity and support locations.

Curves: 90 degree and 45 degree curves, in all widths, are available in 33" (preferred radius) 24" and 15" inside radius. Any degree or radius of curve can be built to suit a special purpose. Double lane curves are standard with Rolmaster. Tapered rolls are available upon request. All curves are easily connected and disconnected to any straight section, right or left hand, with our all purpose coupling arrangement.



PERMACHANNEL TYPE STANDS

For permanent installations; made in 11 sizes, each with 6" easily set height adjustments; for lagging to floor. Specify light or heavy duty. Available with knee brace.



ALL PURPOSE COUPLING

Standard on all curves and accessories, this versatile coupling permits any combination of straight and curved sections without special fittings.



ROLSWING FLIP SWITCH

In either "Y" or 45° style, permits immediate control of material in two directions (right or left) as well as straight along main conveyor.



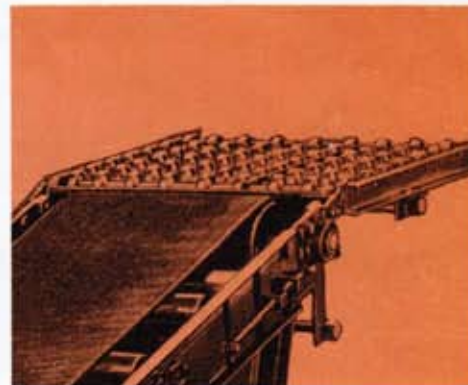
ROLSWING HINGE GATE

Can be counter-weighted to facilitate lift for easy passage of personnel, foot trucks, etc. Built in any model or width.



ROLEM BALL TRANSFER

Permits easy transfer of loads at points where conveyor lines intersect.



GRAVITY DELIVERY UNIT

Similar to the Tail Feed but attached to top of Rolift powered conveyor it delivers directly to gravity conveyor.

Rolmaster Gravity Wheel Conveyors

Wheel type conveyor equipment is generally used where cartons are fairly flat on bottom, or for soft pliable paper material such as boxes, cartons, paper-bagged material, grain and feed bags.

Widths: "Rolmaster" Gravity Wheel Conveyors are made in standard widths of 12", 15", 18" and 24" overall widths; also manufactured in any width to suit any application. Wheel conveyor is very free-wheeling, requiring about 3" fall or less in 10 ft.

Wheel Alignment: Standard wheels are 2" dia., ball-bearing, fitted to 1/4" cold rolled axles, spaced at 3" centres, with wheels held firmly in alignment by 1/4" aluminum tubing. With 8, 10 or 12 wheels per foot in any of the above widths there are 2 or 3 wheels per axle, staggered.

With 14 wheels per foot there are 4 wheels on one axle, then 3 wheels on next axle, staggered.

If bottom of case, package or carton is of soft material, it will be necessary to have more wheels than with cases made of hard materials. We recommend that at no time should there be fewer than 8 wheels under a case, carton or package.

Load Capacities: Wheel conveyor as built is rated at 650 lbs. liveload per section supported at 10-foot intervals. Greater weights (liveload) can be handled by supporting at closer intervals.

Curves: 90 degree and 45 degree curves are available in any width or wheel alignment. Standard curves are built in 33" (preferred radius) or in 24 or 15" radius for tight corners. Curves connected or disconnected to any straight section, right or left hand, with our all purpose coupling ar-

rangement. Special curves of any degree or radius are available.

General Information

Conveyor Lengths: Standard lengths are 10 ft. and 5 ft. straight sections but any length can be provided. NOTE: Sections over 10 ft. in length are not too easily handled by one man.

Stands and Supports: are available for practically any application or can be specially built. (See examples on these pages.)

Conveyor Applications: If you are uncertain as to whether "Rolmaster" equipment will work in your warehouse, plant, etc., or are uncertain as to widths required or fall or elevation, our Plant Office or Sales Office would appreciate an opportunity to assist you. Write for further information. No obligation.

offers UNLIMITED combinations for UNLIMITED applications . . .



There is virtually no limit to the different combinations possible with standard and special Rolmaster units, accessories and components. Powered units, live wheel units, gravity units are all designed to work together with the smooth, mechanical efficiency that . . .

- Saves time; moves materials faster with minimum labour costs . . .
- Reduces material damage; improves product quality and control . . .
- Makes inspection easier, faster; increases production per worker . . .
- Speeds assembly and packaging; delivers finished product to warehouse or dock.

We picture here a very few of the combinations possible with Rolmaster equipment. The pages following show many other interesting applications.



SPUR JUNCTIONS

View of a gravity Roltube conveyor illustrating blending in of spur junction. Note split roll construction for smoother operation.



HERE IS BRUTE STRENGTH

For extremely heavy duty service, this "Live Roll" conveyor with individually driven rolls provides trouble-free, long life, uninterrupted service for N. Slater Co., Hamilton. Note gravity spurs leading onto main line.



POWER AND GRAVITY COMBINED

Two power-driven belt conveyors for carrying cartoned products at Kellogg Co. of Canada, and transferring to Roltube gravity conveyor.



SHIPPING DOCK EFFICIENCY

Gravity Roltube conveyor lines discharging to special trucks at the Forsyth shipping dock. Shippers use one line for each carrier.



TRAFFIC CONTROL UNIT

"Live Roll" converging lines with automatic traffic control unit which prevents jamming.

Production lines really ROLL efficiently, economically on ***Rolmaster*** CONVEYORS



A typical Rolmaster Power-pact horizontal production unit. Built in sections of 10 or 20 feet, to any belt width from 4" to 48". Available for practically any weight capacity required.



IN A DIAPER LAUNDRY

A typical Rolmaster Conveyor (powered) application, it carries material from several operators to the packaging machine. Saves many hours of time, cuts labour costs.



SAMSONITE LUGGAGE ASSEMBLY

This horizontal, powered Rolmaster Conveyor carries luggage to assembly stations where inside "fittings" are installed. No trucking, no waste space, no waste time.



ROLMASTER SPEEDS FILTER ASSEMBLY

View of Rolmaster Power-pact Conveyor unit at Fram; showing how assembly is speeded by bringing materials to the machine and carrying them on to the next operation.



FRAM FILTERS ROLL ON ROLMASTER

Production, assembly and inspection roll smoothly on this Rolmaster powered belt table. Such tables can be made to fit any of an unlimited number of different specifications and requirements.

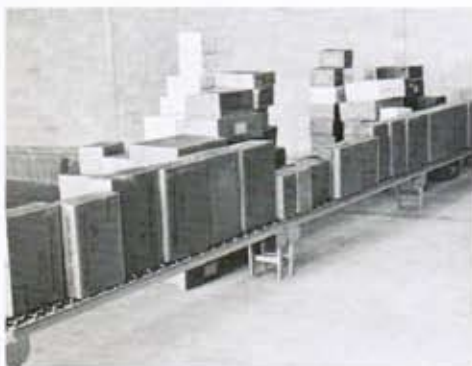


TO AND THRU' THE BANDSAW

Here "Styrofoam" (a Dow plastic foam) is brought to the band-saw, cut to required sizes, and moves on into the warehouse of Morval Products Co. Ltd., Kitchener, Ont.

Rolmaster Engineered systems keep "it" rolling from receiving thru' production to warehouse & shipping

From raw materials to packaged product, if "IT" has to be moved, more than likely a planned "engineered" Rolmaster System will do most or ALL of the job more efficiently and at LOWER COST. Rolmaster "conveyor specialists" have many years of experience with ALL kinds of materials and products. This wide experience is available to YOU and those responsible for materials handling. Here, for example, are a very few of the great many Rolmaster "engineered" systems.



RECEIVING - SHIPPING DOCK

The Rolmaster System at the plant of Samsonite of Canada Ltd., Stratford, Ont., begins and ends here. Picture shows luggage ready for truck shipment. With conveyors reversed, it becomes the receiving dock.



AN ASSEMBLY LINE

On this horizontal, powered Rolmaster Belt Conveyor, luggage moves to "stations" where fittings are installed, and from there to packaging line.



UNIQUE CARTON SEALER

Packaging conveyor carries cartons through special sealing unit (designed by Samsonite staff). Top is a section of Rolmaster Wheel Conveyor which, after gluing, holds carton flaps firmly, until sealed.



"LIVE FLOOR" STORAGE

Cartoned luggage moves into warehouse where it is palletized directly on this gravity roller conveyor "floor" which slopes toward shipping "alley".



FILLING AN ORDER

Lead man reads off order, cartons are taken from storage, powered shipping conveyor feeds them to checking station. Note: As each pallet load of stock is emptied, next pallet moves up to shipping alley.



CHECKING AND ADDRESSING

Cartons pass around this U-shaped loop where the order is checked and carton addressed. Then on they go to the shipping dock shown at top of column on left.



PRODUCTION ROLLS AT FRAM

This, and the three pictures following, show Rolmaster Power-Pact production lines at Fram Canada Limited. Above: Special cotton for filters is divided and moves along line.



CAPPING AND TESTING

Here filters are capped, sealed and tested. Testing device is indicated by arrow.



FINAL CLEANING, INSPECTION



PACKING FILTERS IN CARTONS

Rolmaster Automatically controlled system handles up to 48,000 bottles per day

The bottling plant of Calvert Distillers Ltd., Amherstburg, Ont., can handle 4,000 12-bottle cases of "fifths" in a single 8-hour shift. Its complete Rolmaster Conveyor System carries cases of empties from receiving to storage, storage through bottling, then deliver full cases direct to shipping dock or storage. Strategically located powered sections and automatic controls do the entire job from start to finish. Let's follow the system in pictures.



Empties come from the bottle suppliers in the company's own cases. From the Receiving Dock conveyors bring them to the basement storage area where they may be taken off and stacked until needed or accumulated on a "build up" line and conveyed to the bottling machines.



Here we see cases of empties starting on their way to the bottling room.



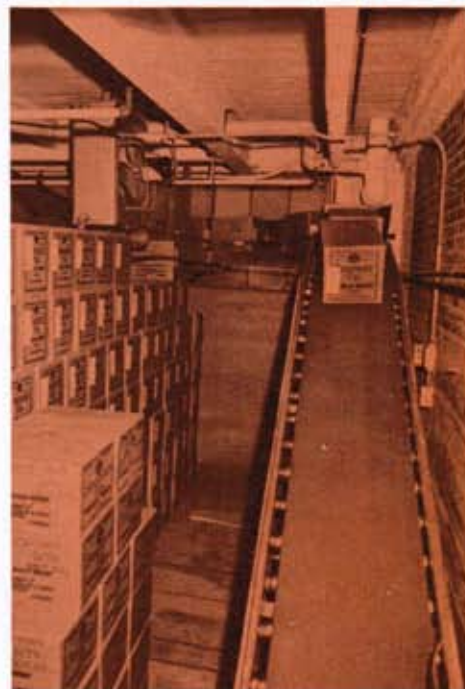
Filled cases are accumulated on overhead conveyor on way to storage.



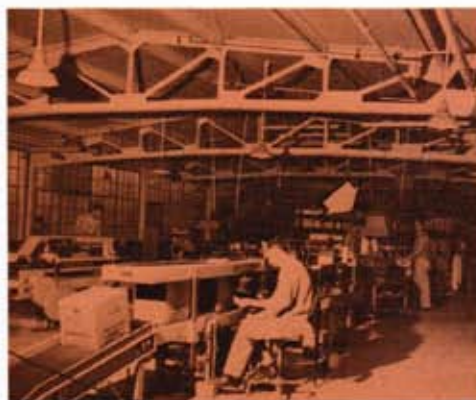
The cases of empties emerge from the basement and travel up to ceiling height, moving around rim of bottling room to control point (see arrow) where they are directed to proper line feeding bottling machines.



Cases of empties move down gravity spiral chute (see arrow) to start line where empties are removed from cases and placed on bottling line and empty cases go onto overhead conveyor.



The cases are back in storage, filled and sealed, ready for shipment.



As filled bottles arrive at end of bottling line, empty cases also arrive from overhead conveyor (see arrow). Bottles, now filled, labeled and sealed, are returned to the cases which are then sealed and labeled and start on their way to the storage below.



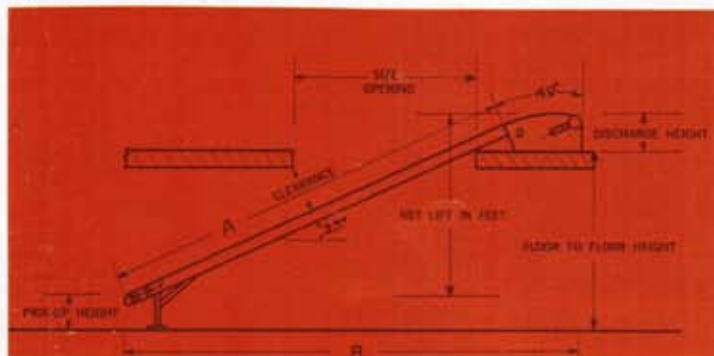
Here we see the filled cases coming through floor and around curve.



Finally, the filled cases travel from the basement storage up and out to shipping dock and into waiting trucks or rail cars. Their entire trip has gone smoothly and swiftly on Rolmaster Conveyors.

Rolmaster Floor-to-Floor conveyors keep things rolling UP or DOWN.

Move materials from floor to floor the modern, time and money-saving way with Rolmaster Floor-to-Floor Conveyors. They give you uninterrupted flow of materials, products to higher or lower levels without manual handling; increase production, cut costs. The basic Rolmaster Floor-to-Floor unit is adaptable to almost any needs and conditions; special units can be built economically.



Distributed Live Load in Pounds

Net Lift In Feet	400 lbs. H.P.	500 lbs. H.P.	600 lbs. H.P.	1000 lbs. H.P.	A	B
8	3/4	1	1	1 1/2	18' 1"	20' 8"
9	3/4	1	1	1 1/2	20' 5"	22' 10"
10	3/4	1	1	1 1/2	22' 9"	25' 0"
11	3/4	1	1	1 1/2	25' 1"	27' 2"
12	3/4	1	1	1 1/2	27' 5"	29' 4"
13	3/4	1	1 1/2	1 1/2	29' 9"	31' 6"
14	3/4	1	1 1/2	1 1/2	32' 1"	33' 8"
15	1	1 1/2	1 1/2	2	34' 5"	35' 10"
16	1	1 1/2	1 1/2	2	36' 9"	38' 0"
17	1	1 1/2	1 1/2	2	39' 1"	40' 2"
18	1	1 1/2	1 1/2	2	42' 5"	42' 4"
19	1	1 1/2	1 1/2	2	44' 9"	44' 6"
20	1	1 1/2	1 1/2	2	47' 1"	46' 8"

Rolmaster Floor to Floor Conveyors are custom-built to your requirements. This chart shows typical dimensions and capacities up to 20 feet only; higher net lifts can be made if required.

SWITCHES: Top and bottom; forward, stop, reverse.

BELT: Any width required; 3-ply, traction top (or as specified).

BED: Roll or slider design.

ELECTRICS: To your specifications.

SPEED: 50/55 F.P.M. or variable (or as specified).

HEIGHT: Adjustable to your specifications.

ACCESSORIES: Tail Feed; Gravity Delivery Unit, Guard Rails, etc.

BEARINGS: All drive and return rolls equipped with sealed-for-life service free bearings.
Contact us for full specifications, blueprints for YOUR job.

C



B



A



This unique installation saves valuable floor space for A. & C. Boehmer Ltd., Kitchener, Ont., box-makers. (A) shows receiving-shipping shed at ground level; (B) external sloping shaft enclosing conveyor; (C) 3rd floor gravity conveyor with boxes coming around curve from shaft.



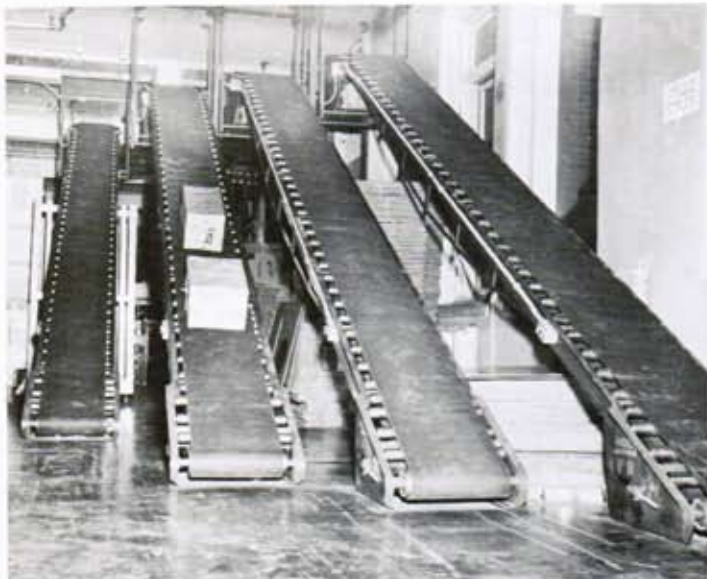
Rolmaster Floor-to-Floor Unit at top end, showing nose-over section with connecting gravity conveyor.



Lower end of same unit showing powered tail feed unit.

The Floor-to-Floor installation above is in a modern Supermarket. It carries goods between basement storage area and merchandising area; reverses to carry goods from receiving dock to storage area.

Rolmaster from floor to floor.



FORSYTH BATTERY OF FOUR F-TO-F ROLMASTERS

From the shipping room of Forsyth Shirt Co., these conveyors take goods up to four gravity delivery conveyors each serving its own station.



Group of overhead gravity wheel conveyors carrying light cartons from storage floor to assembly line where they are used for packing.



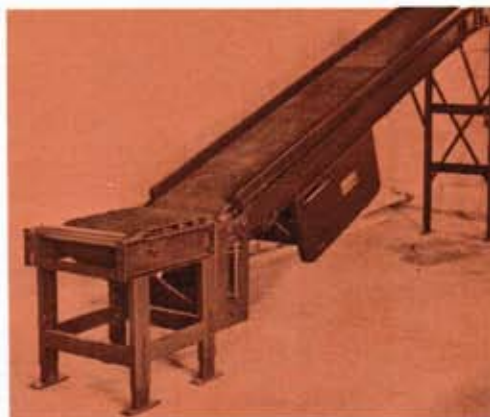
Installation on left conveys merchandise from stockroom to ground floor of stationery and book store. Twin installation at right is at Atlas Asbestos Co. Ltd., Winnipeg, Man.



LEFT: Lower end of extra wide conveyor in plant of Bauer's Ltd., Waterloo, designed to handle large, bulky products. RIGHT: upper end of same conveyor with curved gravity conveyor.



Special design conveyor for handling a product in powder form.



For loading extra heavy articles.



Rolmaster Gravity and Floor-to-Floor Conveyors are very widely used in supermarkets, grocery and other retail stores to carry stock to and from basement stockroom. A typical installation is shown above.

Rolmaster PORTABLE CONVEYORS

ROLIFT Junior for live loads up to 250 pounds

- LOW PRICED
- ADJUSTABLE
- VERSATILE
- PORTABLE
- STURDY



USE It:

- ... to load and unload truck and railroad cars.
- ... for pile stacking.
- ... as booster in gravity line.
- ... for scores of other tasks.

Featuring . . .

Light weight; portable; easily handled by one man. Easy-grip top handles (handles like a wheelbarrow). Wide range of adjustment, with "Rolox" stand, adjusts to 6' high at top end. Flexible use in horizontal position for many purposes. 8" diameter semi-pneumatic tires for easy rolling. Many other features found only in high priced units.

SPECIFICATIONS

Overall length: 10'.

Belt width: 12"; 3-ply Ruff-Top.

Bed: "Slider" design, handles up to 24" wide packages.

Motor: $\frac{1}{3}$ H.P., 110 Volt, 60 cycle, 1 phase, chain driven.

Speed: 50/55 feet per minute; reversible.

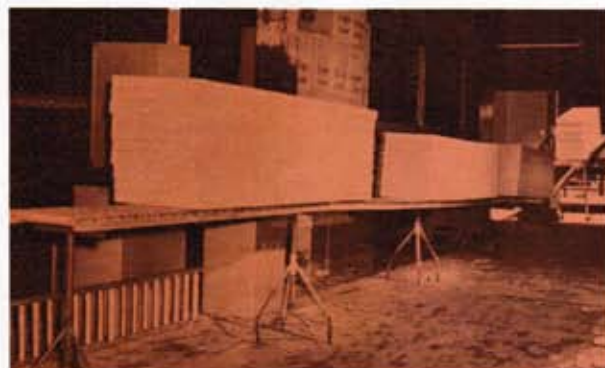
Switch: Stop, Start Reverse.

Capacity: Distributed live load: 350 lbs. horizontal.
250 lbs. at 30° incline.

Shipping weight: Approximately 395 lbs.

Rolmaster Portables Do a Multitude of Jobs

The versatility of Rolmaster Portable Conveyors is such that to list ALL applications of even the standard models is impossible, if only for the fact that we constantly hear of new and different uses. They are the real "Jack-of-all-work" in almost any plant because they do so MANY jobs and do them so efficiently and economically.



ABOVE: A Rolift Jr. lifts cartons for warehousing in the plant of Langley, Harris Co. Ltd., Toronto, Ont. Attached to a gravity conveyor, it performs many tasks.

AT LEFT: Two views of a Rolmaster Portable in the plant of Morval Products Co. Ltd., Kitchener, Ont. Top picture shows it unloading Styrofoam (a Dow plasticfoam) from a railway car and onto a gravity conveyor into the plant as shown in the bottom picture.

GO ANYWHERE ●●● HANDLE ANYTHING

ROLIFT Senior

For heavy duty stacking, loading and boosting. Quickly and easily portable and adjustable. Ideal for handling materials and products from truck to warehouse, loading dock to car, from lower to higher level, as power unit in a horizontal conveyor line or as a powered production unit. Reversible. A very versatile piece of equipment.

Featuring . . .

Adjusts from 13" at low end to approximately 10 ft. at high end by quick positive ratchet.

Start, Stop and Reverse Switch.

2 rigid and 2 swivel 4½" casters; easily moved by one man.

Toe-operated floor lock.

One-piece formed steel Slider Bed or ball bearing Roller Bed.

Belt widths: 12" to 24", 3-ply, 32 oz. Ruff Top.

Power Tail Feed, Gravity Delivery Units and guard rails available as accessories.

20 ft. heavy CAB cable included.



for distributed
live loads up to
500 pounds

Rolmaster Portables

Designed and Built-to-Order
for ANY Capacity or Requirement

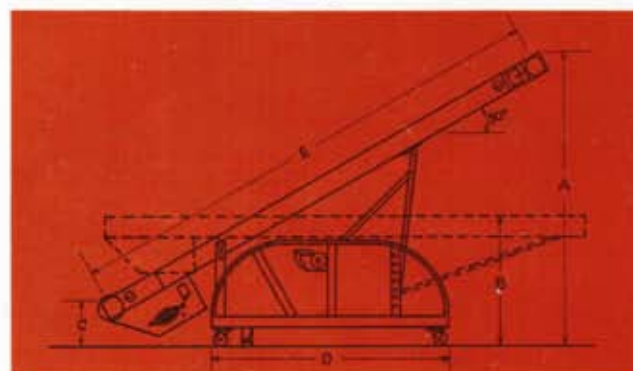
Standard Rolift Portables cover a wide range of uses, of course, but for extra heavy duty or special applications of any kind we are prepared to design and build "made to order" portables for ANY type of application. Outline your requirements and our conveyor specialists will make recommendations at no obligation to you.



TOP: Extra heavy duty Rolmaster Portable specially designed and built for Sun Oil Company.

MIDDLE: Long (23 ft.) Rolmaster Portable used for stock piling hides.

RIGHT: Special fixed-position Rolmaster Portable designed and built for Pittsburg Paint.



Height Adjustments

MODEL		RL 10	RL 12	RL 15
A	Min.	77.0"	86.0"	104.0"
	Max.	82.0"	91.0"	109.0"
B	Min.	31.0"	32.0"	32.0"
	Max.	36.5"	37.0"	37.0"
C	Min.	17.0"	13.5"	13.5"
	Max.	22.0"	18.5"	18.5"
D		54.0"	69.0"	81.0"
E		120.0"	144.0"	180.0"

Specifications

MODEL	RL 10	RL 12	RL 15
Conveyor Length C.C. Pulleys	10'	12'	15'
Length of Under- carriage (4" Cast or Hard Rubber Casters)	4' 6"	5' 9"	6' 9"
Width Undercarriage	15½" wider than belt	15½" wider than belt	15½" wider than belt
Capacity (Distributed Live Load)	500 lbs.	500 lbs.	500 lbs.
Horizontal	350 lbs.	350 lbs.	350 lbs.
at 30° Incline			
Belt — 12", 14", 16" wide — 3 ply 32 oz. "Rufftop"	12", 14" or 16"	12", 14" or 16"	12", 14" or 16"
Bed — Roller Slider Design	Roller or Slider	Roller or Slider	Roller or Slider
Belt Speed 50/55 F.P.M.	50/55 F.P.M.	50/55 F.P.M.	50/55 F.P.M.
Bearings — 1" Sealed-for-Life	Sealed-for- Life	Sealed-for- Life	Sealed-for- Life
Motor — ¾ H.P. or	Applied to Load	Applied to Load	Applied to Load

NOTE — These are production models only, there are many deviations to fit your application.

Rolmaster CONVEYORS, SYSTEMS

Fully Engineered Design plus Precision Manufacture
ASSURES MAXIMUM EFFICIENCY . . .
MINIMUM MAINTENANCE

The overall design of a single Conveyor or a complete, integrated Conveyor System is the basic factor in its efficiency on the job it is designed to do. However, so varied are the applications of and demands upon Conveyors that something more than technical engineering knowledge is necessary if the device is to really be the MOST efficient and economical for the designated purpose. This "something more" could be termed "creative engineering", i.e., imagination stemming from long and varied experience and based on engineering principles of proven soundness.

This is the kind of thinking, of creative designing, that precedes the production of ALL Rolmaster Conveyor units, accessories and complete systems . . . and . . . it is ready to give you the BEST

solution for your materials handling problems.

● But even MORE than this is required

If a Conveyor or a System is to operate constantly at top performance, trouble-free and requiring only minimum maintenance, every component in its manufacture must be capable of the same top performance; there can be no "weak link". That is why, to assure the top performance inherent in the design of Rolmaster Conveyors, ONLY components of proven quality are used. Many of these (some exclusive) have been developed, modified and improved by Rolmaster Conveyor specialists. We picture and describe a few of these Rolmaster features below.

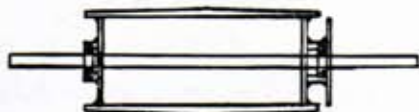


Diagram (C) Shows how the drive sprocket is securely welded or bolted to the drive roll itself instead of using keyways and set screws which tend to work loose.

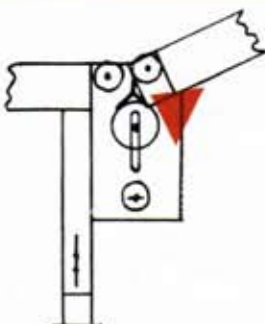


Diagram (E) Shows the entirely new Waste Ejector we have developed for all Rolmaster Power-pack Lift Conveyors (except portables). It is standard equipment on the take-up roll between tailfeeder and main belt, and prevents waste material (paper, cardboard, cloth, etc.) from winding around roll and straining belt or machine. Does away with costly stoppages at busy periods.

Safety rolls are provided on all conveyors where necessary.

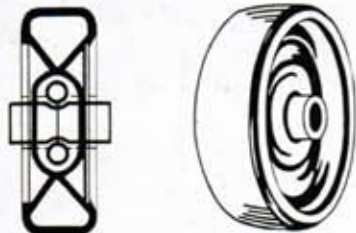


Diagram (D) Shows cross section of a Rolmaster Wheel. These are precision made in our own plant (1.9" diameter, 1/2" face). Rotate on 8 polished balls mounted in hardened race, assuring long, trouble-free operation.

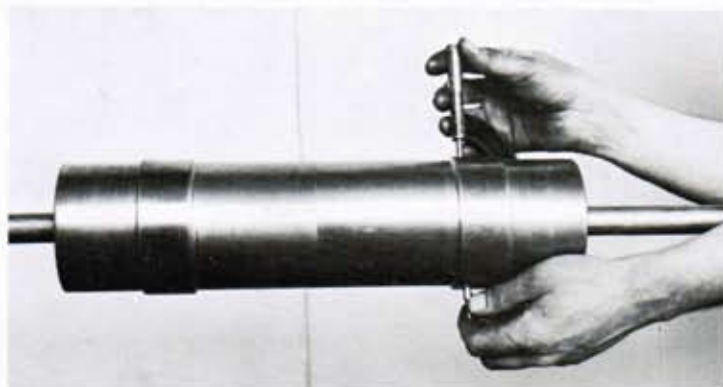


Photo (A) All main rolls have sealed-for-life bearings. As sealed bearing is mounted in the roll itself, and sprocket bolted to the roll, there is no torque tension on shaft in drive roll. All other main rolls are similarly constructed, eliminating trouble and assuring long-time, maintenance-free operation.



Diagram (F) Shows the Rolmaster "S-Drive" arrangement. This permits easily adjustable belt take-up by movement of snub roll over drive pulley. Adjustment is very easy as all adjusting nuts are on outside of drive; take-up is approximately 18" of belt and this eliminates excessive wear of belt travelling around two extra rolls as normally used on other equipment. Also because of this arrangement more power is transmitted directly to moving the actual load as there are two less rolls between drive roll and load itself.



Photo (B) Shows our own special precision manufactured flange roll (micrometer checked to .001" tolerance). It is used exclusively on all main rolls, virtually eliminating belt aligning problems.

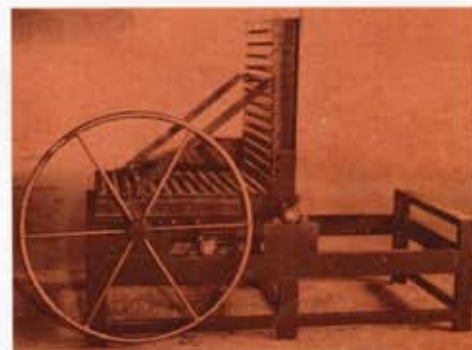
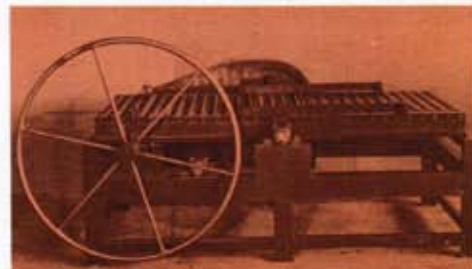
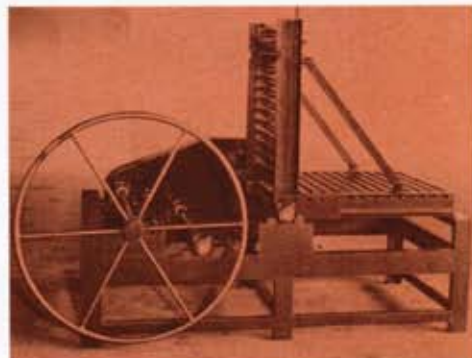
The engineer designers of Rolmaster are constantly required to devise unique types of equipment for widely different and highly specialized applications. Their years of experience in solving such problems (and some are very knotty problems) have made them exceptionally skillful and inventive in such matters. This experience and skill is at YOUR service . . . and the tougher the problem the more they enjoy it. Here are a few of their creations:



This **Punch Press** is at Fram Canada Ltd., manufacturers of filters. Note the special Rolmaster Conveyor which carries parts to production line or other stations.



This **Check-out Counter** designed especially for supermarket use, is widely popular all across Canada.



Specially designed **Bag Flattener** uses Rolmaster Powered Unit to flatten out bags of soft materials, thus saving much space in storing and shipping.



Special Spiral "Slide" Chute built for O'Cedar of Canada Limited. An effective space saving device.



The unique **3-position Tilt Table** above is designed to reposition heavy unit being conveyed to allow processing on the bottom or it can be set to flow right through.



Special **Heavy Duty Loading Dock Conveyor** can handle live loads of over 500 pounds.



This special **Heavy Duty Turntable** operates with surprising ease because of its ball-bearing circular track.



On this special **Pack Stand** cartons are first filled (top picture) then stand is tripped and carton proceeds along conveyor to warehouse or shipping.



Special powered unit glues and seals cartons as it moves them along conveyor to warehouse.

IT MATTERS NOT

HOW FAR UP OR DOWN

HOW FAR ON THE LEVEL

HOW LARGE OR SMALL

HOW HEAVY OR LIGHT

HOW SIMPLE OR COMPLEX

Rolmaster

WILL DO THE JOB

THE ALL CANADIAN CONVEYORS



Rolmaster
CONVEYOR DIVISION

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