



Raise your expectations

Commercial Vertical Material Handling Systems

*Dumbwaiters, Automatic Delivery Systems,
Vertical Material and Cart Handling Systems,
and Vertical Reciprocating Conveyors*

For over 115 years Matot has specialized in moving all types of materials vertically. Whether it's wheeled carts, files and records, manufactured goods, hospital supplies, or food service materials, Matot can deliver. We'll save you time and money. We can renovate existing lift equipment, too.

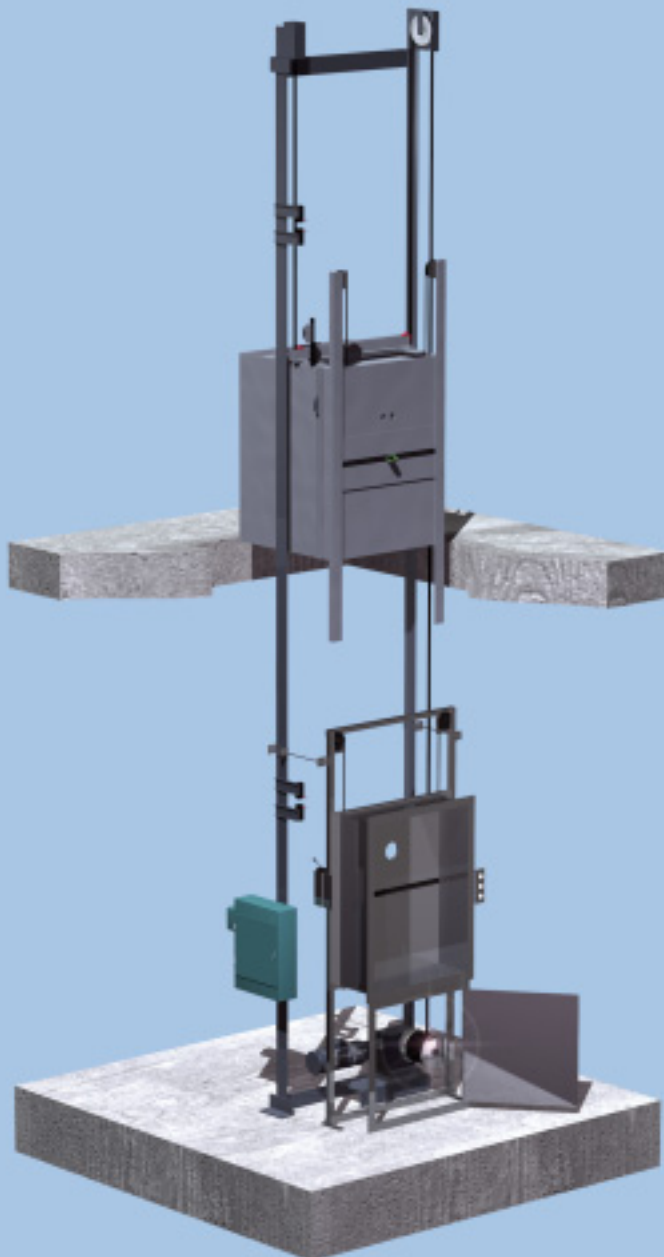


ideal for:

restaurants,
universities,
clinics, hotels,
hospitals, libraries,
office buildings,
warehouses,
retail stores

clean room
manufacturing,
laboratories,
airports,
banks

Cost-effective and efficient for almost any multilevel commercial application, our dumbwaiters are available in sizes up to 10 square feet of floor space and 4 feet high.



winding drum dumbwaiter

The Matot winding drum dumbwaiter is a perfect choice for both floor-level loading and counter height loading installations. Whether a simple, standard design or a complex custom solution, our dumbwaiters allow fast delivery and short lead times.

- Ideally suited for heavy-duty use in low-rise applications.
- Low-cost installation and minimal maintenance.
- Heavy-duty guide rails can span 12-foot floor heights without requiring intermediate brackets or tower support, allowing use of lightweight, non-load-bearing shaft walls.
- Ideal for adding onto existing structures.

1-800-369-1070



traction dumbwaiter

If you're looking to save time, effort, and money, the reliable Matot traction dumbwaiter is the answer for higher-rise, higher-speed applications. The traction dumbwaiter provides high-performance, low-cost, energy-efficient vertical transportation for taller buildings. Installing one will help your business eliminate delays and congestion at busy elevators.

- Flexible design allows both light and heavy carrying capacity.
- Floor-level loading or counter-height loading capability to suit your particular vertical material handling requirements.
- Counterweighted traction design utilizes high-rise elevator technology.
- State of the art microprocessor controls allow custom programmed operation to fulfill individual project requirements.
- Higher speeds minimize waiting time and maximize staff efficiency.

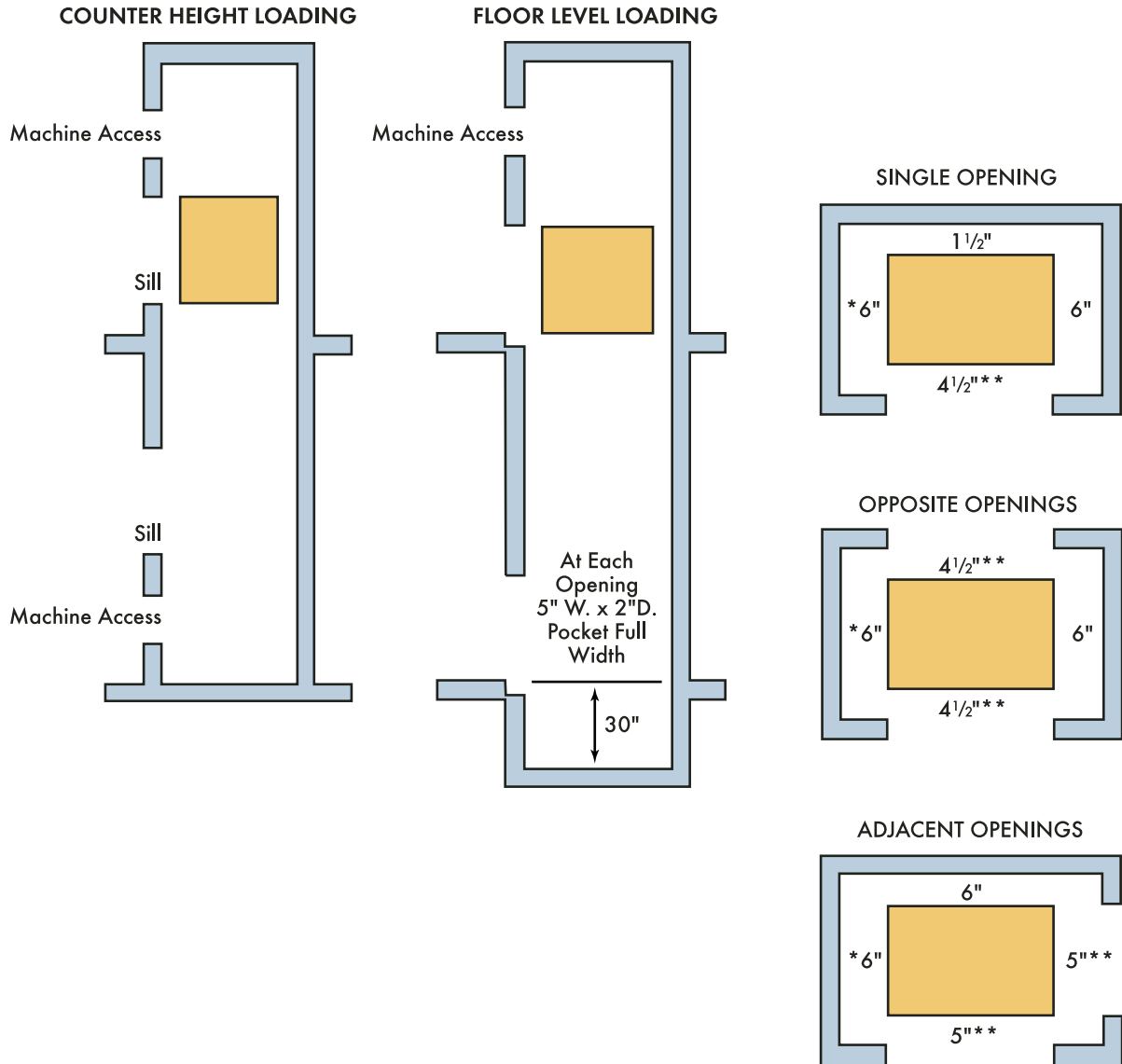
**See page 4 for dumbwaiter shaft clearance charts.
Contact Matot for larger sizes and heavier capacities.**

SYSTEM	SPEED	CAPACITY	TRAVEL LIMITATION	CODE
winding drum dumbwaiter	50 f.p.m.	up to 500 lbs.	50 ft.	elevator
traction dumbwaiter	50 to 300 f.p.m.	up to 500 lbs.	none	elevator

visit www.matot.com for specs and drawings

Shaft clearances for drum and traction dumbwaiters

Use these diagrams to determine the approximate hoistway dimensions for your installation.



- * 2" Additional side to side clearance required with self supporting tower
- ** If doors and gates are power-operated 1/2" additional depth clearance is required at each car opening
- *** Consult Matot for shallow pit requirements.

See www.matot.com for car size selection.

ideal for:

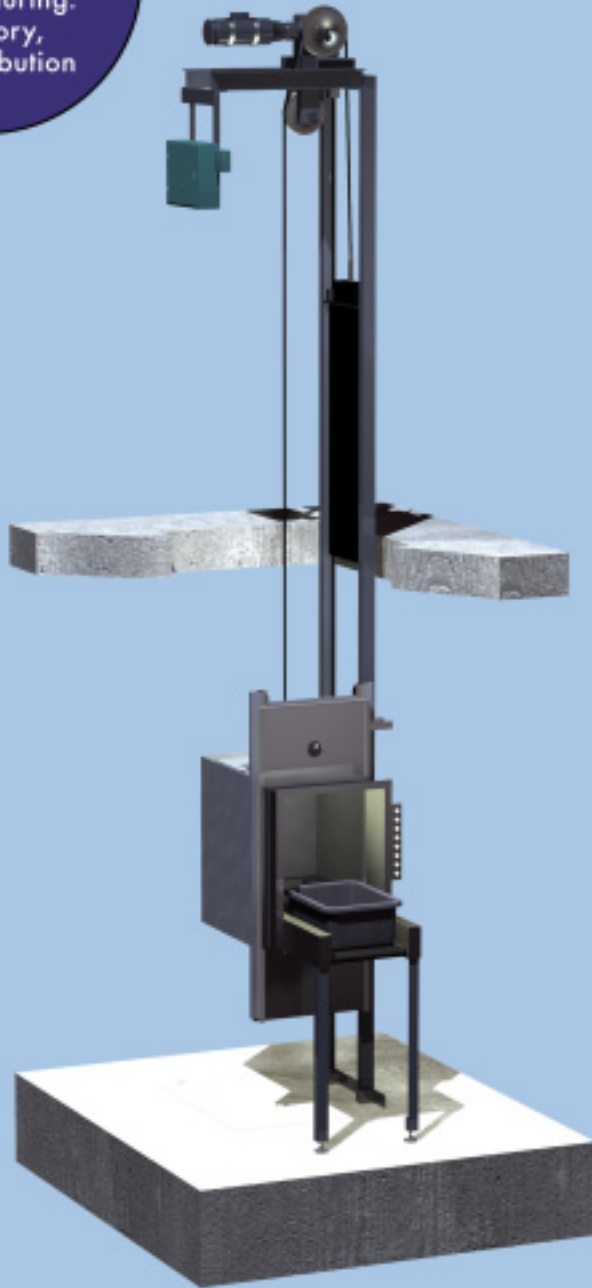
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BuyLine 3220

hospitals:
pharmaceuticals,
patient files

offices:
mail distribution,
file distribution

manufacturing:
inventory,
file distribution

Coupling high performance lift systems with reliable horizontal transfer equipment, we've created a completely automated solution for small-load vertical material handling.



automatic delivery systems

The Matot automatic delivery system is a reliable, cost-effective alternative to manual distribution methods. This system can transport an almost endless variety of materials safely and efficiently.

- Simple and efficient—easy to understand and operate.
- Easily installed in both new and existing structures.
- User-friendly system requires minimal floor space and relieves corridor, plant floor, and elevator congestion. Indicator lights at user stations confirm dispatches and arrivals and identify interruptions for quick corrections.
- System operation allows loads to be simultaneously dispatched from and sent to any user station, maximizing employee efficiency.
- Can be expanded and reprogrammed to suit changing material flow requirements.
- Cost effective—no manual loading, unloading, or waiting is involved.
- Materials are delivered automatically without dependence on operating personnel, letting employees remain at workstations.
- Reliable—Matot automatic delivery systems have been tried and proven over decades.

SYSTEM	SPEED	CAPACITY	TRAVEL LIMITATION	CODE
automatic dumbwaiter system	50 to 300 f.p.m.	100 lbs.	none	elevator
automatic conveyor system	100 f.p.m.	100 lbs.	95 ft.	conveyor

visit www.matot.com for specs and drawings

ideal for:

manufacturing,
laundry,
food service,
surgical carts,
supply carts,
bulk handling

Matot large load and cart handling systems provide vertical material movement for larger carts and bulk materials.

vertical material and cart handling systems

Our high-quality vertical material and cart handling systems are ideal for low-, medium-, or high-rise applications that need to make high speed transfers. These lifts truly maximize material transfer, all at a fraction of the cost of commercial elevators.

- Doors can be manually operated swing type, power, or manually operated vertical bi-parting type hoistway doors.
- Car sizes up to 36" wide x 72" front to back x 80" high.
- Powered by either the high performance, state-of-the-art roped (holeless) hydraulic system, variable voltage, variable frequency traction elevator drive system, or a space-efficient winding drum machine.
- Fire-rated hoistway, pit, and machine room required for some applications.
- Can meet either elevator or conveyor code.



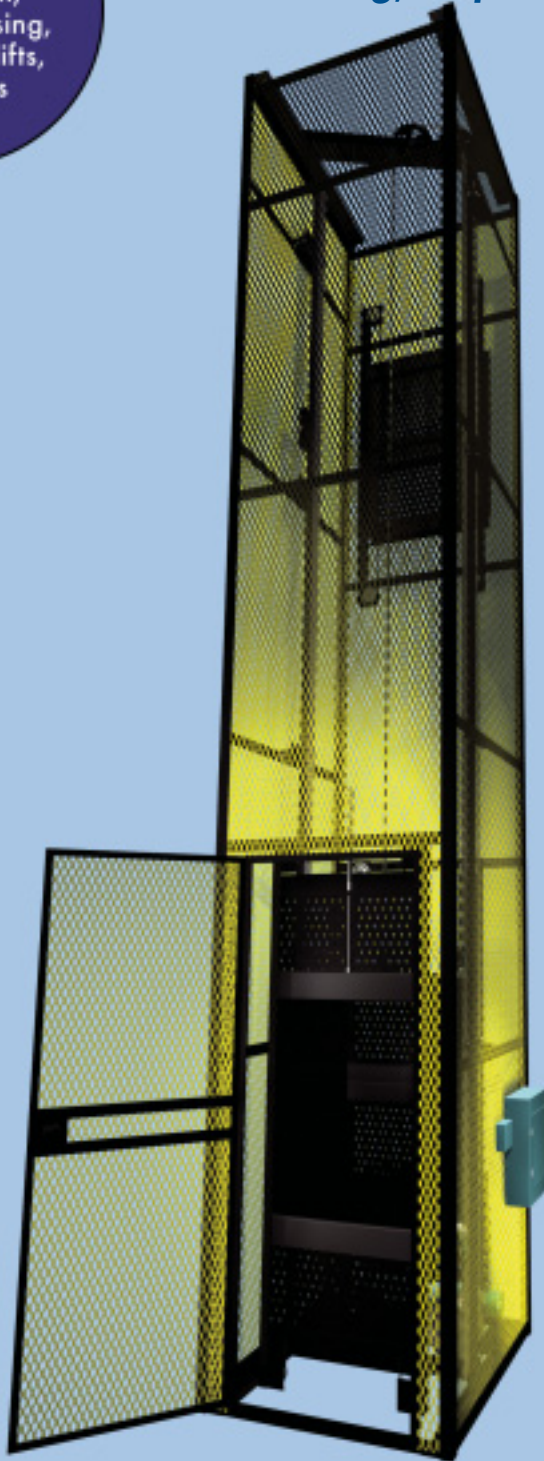
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ideal for:

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manufacturing,
warehousing,
distribution,
food processing,
mezzanine lifts,
pallet lifts

Matot vertical reciprocating conveyors are the cost-effective solution to provide productive access to all levels in a building, requiring minimal usage of floor space.



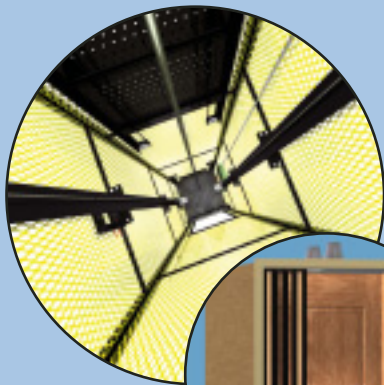
vertical reciprocating conveyors

Well suited to industrial applications, Matot vertical reciprocating conveyors transport goods to mezzanines, basements, balconies or between floors of a multi-story building. They interface with horizontal material handling systems. Simply put, our equipment is designed to convey anything you need to move vertically. All levels of your plant or warehouse can be utilized for increased production and storage.

- Virtually unlimited travel capability
- Optional transfer device for auto load/unload or for interfacing with automated material handling systems
- Minimal use of floor space compared to load platform area
- Modular construction with space-saving design
- Available with a variety of enclosures

MODEL	SPEED	CAPACITY	TRAVEL LIMITATION	CODE
870V	30 to 150 f.p.m.	500 lbs.	50 ft.	conveyor
880V	30 to 100 f.p.m.	500 to 1000 lbs.	50 ft.	conveyor
890V	30 to 100 f.p.m.	1000 to 2000 lbs.	50 ft.	conveyor

visit www.matot.com for specs and drawings



Visit www.matot.com to learn more about our residential elevators, residential dumbwaiters, and industrial vertical reciprocating conveyors

Our clients

Matot has helped numerous companies with their vertical material handling needs. Here are just a few:

AMD	Garden State Parkway	Sloan Kettering Clinic
American Airlines	General Electric	Smithsonian Institute
American Legion	General Motors	Sumitomo
Amtrack	Goodyear	Texas Instruments
Bank One	Hilton Hotels	ThyssenKrupp
British Petroleum	IBM	Tiffany's
Campbell's Soup	Intel	United Technologies
Daimler Chrysler Corp.	John Deere	University of Chicago
Delta Airlines	Marinette Marine	U.S. Armed Forces
Disney World Hotels	Mayo Clinic	U.S. Coast Guard
Dunkin Donuts	Merck	U.S. Dept. of
DuPont	Microsoft	Agriculture
Eastman Kodak	M.I.T.	U.S. Dept. of Defense
Firestone	Mitsubishi	Veterans Administration
Gap Clothing	Motorola	
	NASA	
	NASCAR	
	Nike	
	Parke Davis	
	Purdue University	
	Rohm & Haas	
	Six Flags	



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sales@matot.com

www.matot.com

Let us help you resolve your floor-to-floor lifting needs. Call us at 1-800-369-1070 or email sales@matot.com. And find out what it's like to work smarter every day.

Raise your expectations