

# Express Elevators & Lifts

## Dumbwaiter



- A dumbwaiter efficiently transports smaller material between different levels.
- It is a versatile product used primarily in restaurants, stores, hospitals, laboratories, libraries, offices, warehouses etc.
- We provide dumbwaiters meeting CSA B44 & ASME 171.1 code for North America & overseas markets.
- Solutions for more complex industrial or institutional applications involving dust proof, flameproof and explosion proof installations can also be provided.

### FEATURES OF DUMBWAITER

- Value solution for projects requiring vertical transportation of small goods with provision of automatic operation.
- Requires small shaft size as compared to a Freight Elevator or a Material Lift.
- Dumbwaiter machine can be fully enclosed inside the shaft either at the top or at the bottom of the shaft.
- Floor loading and/or counter height loading allows flexible loading height of the goods.
- Car Loading Height:
  - \* Floor Loading
  - \* Counter Height Loading: typical 813mm (32").
- No pit depth and/or minimal required pit depth options are available.
- Optional Automatic door operation is available.
- Ideal for retrofit applications (in schools, churches, medical offices etc.) due to easy civil construction.

Entrances	Elevator Car Size mm (inch)			Shaft Size mm (inch)	
	W	L	H	W	L
On Same Side	610 (24)	610 (24)	762 (30)	966 (38)	915 (36)
	762 (30)	762 (30)	915 (36)	1118 (44)	1067 (42)
	915 (36)	915 (36)	1219 (48)	1270 (50)	1219 (48)
On Opposite Sides	610 (24)	610 (24)	762 (30)	966 (38)	838 (33)
	762 (30)	762 (30)	915 (36)	1118 (44)	991 (39)
	915 (36)	915 (36)	1219 (48)	1270 (50)	1143 (45)



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## PRODUCT SPECIFICATIONS WITH AVAILABLE OPTIONS

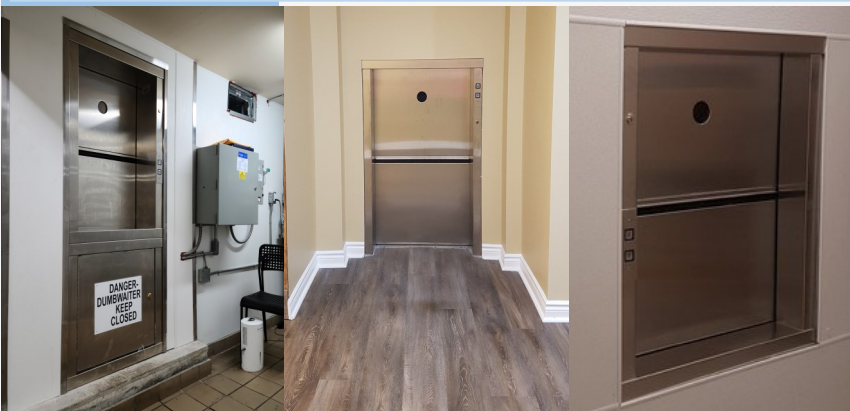
<b>Load Capacity</b>	Ranges from 90 Kg to 227 Kg (200 lb to 500 lb).
<b>Speed</b>	Ranges from 0.15 m/sec (30 fpm) to 0.25 m/sec (50 fpm).
<b>Car Area</b>	Maximum 1 meter square (36" wide x 36" deep).
<b>Car Volume</b>	Maximum 1 meter cube (36" wide x 36" deep x 48" high).
<b>Travel</b>	<ul style="list-style-type: none"> <li>• Gear motor or winding drum machines are available for travel up to 13.71 m (45'- 0").</li> <li>• For travel beyond 13.71 m (45'- 0"), overhead traction machine is recommended.</li> </ul>
<b>Overhead Height</b>	Typical 3353 mm (132"), however depends upon the dumbwaiter car & entrance height and also if it is floor loading or counter height loading. Please consult our sales department (sales@expresselp.com).
<b>Pit Depth</b>	<ul style="list-style-type: none"> <li>• 762 mm (30") for floor loading and no pit depth required for counter height loading dumbwaiter.</li> <li>• Shallow pit solution, up to 200 mm (8"), for floor loading dumbwaiter is available upon request.</li> </ul>
<b>Cab finishes</b>	<ul style="list-style-type: none"> <li>• Steel prime finish / Powder coated finish.</li> <li>• Optional 304 St. Steel.</li> <li>• Optional 316 St. Steel.</li> </ul>
<b>Entrances</b>	<ul style="list-style-type: none"> <li>• Vertical bi-parting doors.</li> <li>• Optional vertical slide-up entrance or swing entrance.</li> <li>• Provided in prime/ powder coated finish.</li> <li>• Optional #4 St. Steel entrances.</li> <li>• Georgian wire glass vision panel on door panel.</li> <li>• CSA B44 &amp; ASME A17.1 approved electro mechanical interlocking.</li> <li>• 1.5 Hour fire rated doors.</li> <li>• Illuminated floor buttons with optional key override switches on all landings.</li> <li>• Other optional finishes may be available on request.</li> </ul>
<b>Operation</b>	Automatic call & send operation from every entrance.
<b>Power requirement</b>	208 Volt / 3 phase / 60 HZ with option for 220 Volt / 1 phase / 60 HZ.

### HOISTWAY SHAFT DETAILS

- Typically constructed of masonry block or heavy duty structural steel studs with plywood and drywall construction, by others.
- Shaft to be provided with adequate structural support, hoisting beam, rough opening for entrances, working platform at floor levels, pit light with a switch and GFCI plug, by others.
- Optional steel shaft enclosure is available upon request.
- Hoistway shaft to be constructed as per elevator code, building code, by others.

### MACHINE AREA DETAILS

- Machine located inside the shaft either at the top or at bottom at pit level.
- Access door to swing out.
- Lockable, fused disconnect box, guarded light with a switch, GFCI Plug, by others.
- Machine area to be constructed as per elevator code, building code, by others.



**For Further inquiries please email us at [sales@expresselp.com](mailto:sales@expresselp.com)**

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