

# TIGER-LIFT<sup>®</sup>

Residential  
&  
Accessibility  
Elevators



CONCEPTS



ELEVATOR CONCEPTS LTD

# Solutions from the Small Elevator Specialist

## Technology, Reliability and Exceptional Quality

Since 1986 Elevator Concepts LTD has designed and manufactured high quality TIGER LIFT® elevators specifically for the residential and access market. While we have an extensive line of standard products, we specialize in custom designed elevators to suit unique structural or aesthetic requirements. To meet the needs of our customers' unique requirements, we have developed elevators based on 5 drive platforms: overhead or basement traction, direct or roped hydraulic, and winding drum. No other manufacturer offers a product line this extensive.

All TIGER LIFT® elevators combine the latest technology with value, quality and reliability, with innovations like vacuum formed stress skin cabs and Hall effect electronic switches. Every TIGER LIFT® is backed by superior customer service, technical support, and an one year limited warranty.

When you buy a TIGER LIFT® elevator, you join hundreds of others who insist on nothing less than the very best in small elevators.



## Residential Elevators with Style

For many people a residential elevator is a necessity; for others it is the ultimate luxury. Whatever the situation, a TIGER LIFT® elevator adds convenience, value, and style to any home at an affordable price.

TIGER LIFT® elevators are engineered and manufactured to the highest standards, and incorporate safety features and heavy-duty construction not found in other residential elevators. Our designers and fabricators can build an elevator to match virtually any decor, from the most exotic woods and millwork to contemporary glass and chrome. Our compact designs require the space of an average home closet, and a variety of drive platforms ensure flexible design options, resulting in minimal disruption to the floor plan and traffic flow. We also manufacture a dumbwaiter for homes with limited space or budgets.

## Barrier-Free Access

Accessibility is a concern for everyone. With new laws mandating barrier-free access, there is a growing demand for vertical transportation for the disabled. The low cost and compact design of TIGER LIFT® elevators make them the ideal solution to vertical transportation problems for a wide range of buildings. Our ability to customize makes the TIGER LIFT® a perfect choice for existing buildings by keeping structural and electrical modifications to a minimum. The TIGER LIFT® is available in a limited use/limited access (LULA) configuration that complies with the ASME A17.1 National Elevator Code.



## Standard Features

Every TIGER LIFT® elevator delivers a smooth, quiet ride with standard features including:

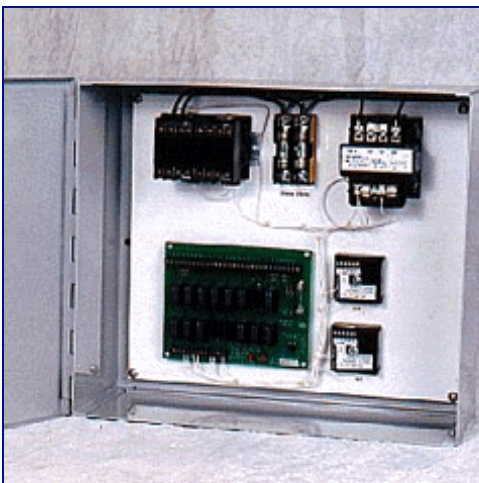
- Completely enclosed cab with structural ceiling and recessed lighting
- Full structural steel frame
- Stress skin vacuum formed panels with high pressure laminate
- Folding gate with safety switch
- Stainless steel car operating panel and hall button fixtures
- ASME A17.1 approved door locks

Our no-nonsense limited warranty and customer service are important standard features too, but you most likely will never need them.



## Optional Equipment

A wide range of options are available to compliment every style and meet every requirement. TIGER LIFT® elevators can be fully customized, limited only by your imagination.



- **Cab Finishes** - Plastic laminate, wood and wood veneer, standard and custom millwork, stainless steel, partial and full glass cabs are available.
- **Gates** - "Accordion" style folding gates with solid color, woodgrain vinyl, wood veneer, or clear plastic panels; collapsing scissor style gates in painted, stainless or bronze finishes, and wrap-around side slide style with painted, extruded aluminum, or oak finish are available. Traditional elevator sidesliding entrances and doors are also available in a variety of finishes.
- **Fixtures** - We manufacture our own fixtures to your specifications, utilizing the time tested Adams "Survivor" pushbutton for beauty and durability. Key switches, car and hall position indicators, arrival lights and gongs and direction indicators are available.
- **Controllers** - Our controllers are designed and manufactured by us for ease of installation and long term reliability. Printed circuit relay, handwired relay, and PLC microprocessor controllers to accommodate all standard voltages and equipment are available.
- **Hoistway Equipment** - In addition to equipment of our own manufacture, we supply only the finest hoistway equipment available in the industry, including GAL, ELPRO, EECO, CEMCO, and other fine suppliers.
- **Accessories** - Our wide range of accessories includes standard and auto-dial telephones, automatic emergency lowering systems, emergency light systems, car top inspection stations, retiring cams and automatic gate and door operators.

# Design and Planning Information

You won't find a "typical" hoistway plan or elevator specification in this brochure because we don't believe there is a "typical" elevator. Elevator Concepts LTD manufactures the widest array of pre-engineered and custom small elevators available, and can supply just about any imaginable combination of configuration, fixtures, finishes, and options. It would be impossible to put them all in this brochure.

Our DESIGN & PLANNING GUIDE takes you through the process of selecting the right model and options for your needs. The Guide contains layout drawings for several pre-engineered configurations of some models. The Guide, along with specifications, technical documents and advice from elevator experts are available free for the asking - just give us or your TIGER LIFT® dealer a call. You can also find the Guide and many other documents in our website at [www.elevatorconcepts.com](http://www.elevatorconcepts.com). The chart below, adapted from the Guide, will give you a basic idea of the capabilities of each TIGER LIFT® model.

	TLI	TLII	TLIII	TLIV	TLV	R1D	DW1
MACHINE TYPE	Bsmnt Traction	Direct Hydro	Direct Hydro	Ovrhd Traction	Roped Hydro	Drum	Chain Dumbwaiter
MAXIMUM CAPACITY	850	850	2000	850	1400	500	100
MAXIMUM PLATFORM	36X60	36X60	48X96	42X72	48X96	36X54	24 x 24
MAXIMUM STOPS	8	8	8	8	8	4	4
MAXIMUM TRAVEL	50	18	20	50	50	30	25
SPEED	32	22	28	35	28	30	15
POWER REQUIREMENT	115	220	220	115	220	220	110
MINIMUM PIT	12"	12"	8"	8"	8"	8"	8"
RAIL SIZE	8#	8#	8#	8#	8#	6#	2 x 4 wood
MAXIMUM CAR GATES	3	3	3	2	3	3	2
SCR DC DRIVE	OPT	NA	NA	OPT	NA	NA	NA
2 SPEED VALVE	NA	NA	OPT	NA	OPT	NA	NA
OPTIONAL HIGH SPEED	NA	NA	100	NA	100	NA	NA
AUTO DOORS/GATES	OPT	NA	OPT	OPT	OPT	NA	NA

Applicable Codes, which vary by geographic location and building use, may limit some specifications. Existing site conditions may also limit specifications and make the use of some models impractical. We work out these details with you to make sure your TIGER LIFT® elevator is perfectly tailored to your needs.

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For More Information Visit us on the Web  
[www.elevatorconcepts.com](http://www.elevatorconcepts.com)

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