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Company overview

Total Elevators is a premium, wholly Australian owned global company that delivers a total innovative elevator solution to companies and businesses worldwide. One of our prime objectives is to be one of the world's leading people movers.

Total Elevators was acquired from a well established Australian company who had been operating for more than 20 years. The acquisition saw founding company directors take senior roles within the new Total Elevators structure, which provided instant hands on product and technical expertise, ensuring the continuation of the brand building process and successful transition to multinational company.

At Total Elevators we have a global sales and distribution network delivering quality elevator products, components and parts; we also provide excellent personalised after sales service and care.

Total Elevators has an energetic and innovative approach to business. We provide customers with a total solution to their elevator needs by providing modern, safe and reliable products coupled with a gamut of services ranging from design, technical assistance, manufacture, delivery, installation, account and project management and after sales service. Our key focus is to ensure all solutions are carried out with the highest levels of efficiency and to provide solutions that are tailored to suit each customer's individual needs. Whether a customer needs a sophisticated elevator system or a simple lift for a two-story home, we guarantee to supply the safest, most cost efficient solutions possible.

It is these factors that continue to generate market share and in-turn grow our status as a leading elevator provider of choice.

Our target market ranges from architects, contractors, developers, builders and installation companies. With every new product and service, Total Elevators is moving our industry, our company and our customers forward. We aim to set precedents and provide benchmarks in ride quality, reliability and safety throughout the industry.

This spirit of innovation combines with our outstanding customer service and commitment to quality and safety to make us the leading provider within this market. Our company's innovative spirit and dedication to meeting the changing needs of our customers never waivers no matter where our customers conduct their business, whether it is globally or locally.

Left to right:
Lincoln Wu
Michael Mclean,
Conrad Taylor,
Jeff Nuttall,
Torbi Soderlund



Features of interior

Total Elevators can provide specific design and innovative architectural solutions for a complete range of elevator cars.

Given modern architecture, elevator cars are becoming more and more an integral part of a building with respect to its design and feel; not only this but an elevator car can make a powerful corporate statement. Companies and businesses no longer view elevators as simply a means of moving between floors, Total Elevators can offer solutions to meet special requirements for aesthetic purposes and lift functionality.

With the use of modern materials, lighting and an integration of essential features such as handrails, operating panels, emergency lighting and communication systems our elevator cabins will meet and if necessary exceed the requirements of function and design.

So, what is it that makes the difference to an elevator that can add value to your building?

Flexible Design.

Guaranteed integration between the cabin and car sling for safety and ease of installation.

Robust construction through the manufacturing process.

Selection of high quality materials from the best international suppliers.

Wide range of accessories.



Internal materials

The materials used in every Total Elevators lift car is of the highest quality and durability.

With a mixture of quality modern materials the elevator car can be designed to give a distinct appearance, highlight a particular style or create a unique point of difference.

Safety and comfort are among our top priorities, this coupled with our use of materials such as stainless steel, glass, mirror, marble, timber and warm integrated lighting combines to ensure passenger movement is an exceptional experience within a friendly atmosphere. Furthermore our Australian Standards design is acknowledged within the industry as world's best practice.

It is without question that our quality products far exceed our client's expectations; we only supply the highest quality components and state of the art materials with the outcome being complete integration between the lift car and the building lobby. It is clear at completion of every project that the manufacturing, quality of products and materials and end result is a vision of aesthetics and quality.



Doors and door jambs

Total Elevators door systems focus on three main areas, safety, reliability and speed.

Door systems are crucial to elevator performance; therefore we offer doors and architraves to suit a variety of elevator needs and applications.

We use 3vf drive technology to provide linear acceleration and deceleration, improved elevator flight times, self adjusting obstruction control and automatic door protection systems to achieve safe entry and exit.

By using one of the most advanced drive systems in the world door efficiency is achieved. Simplicity in design and adherence to an effective maintenance program provides the following benefits;

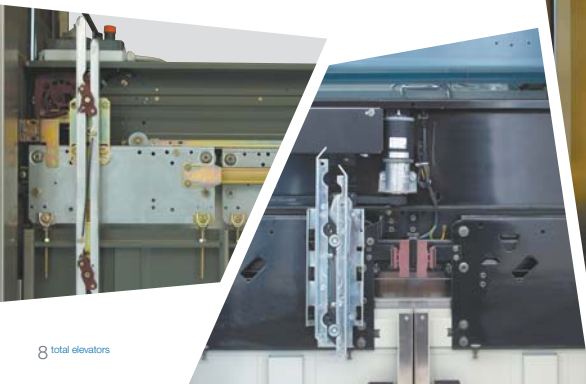
Reliability of components and limited maintenance due to the elimination of mechanical parts such as, pulleys, limit switches, reduction belts and operating arms.

Ease of installation and automatic adjustments.

Adjustable acceleration and deceleration speeds, as well as opening and closing speeds.

Microprocessor controlled obstacle protection.

Reinforced guide tracks and large rollers for heavy duty applications



COP & LOP

Our control panels, for both car and landing, use technologically advanced products of modern design and functionality.

The integration of buttons, symbols, communication, alarms, security and key functions ensures the passenger is in full control. Total Elevators range of push button panels, both in the car and on the landing, are of the highest quality and can be mounted to suit any architectural requirements.

Features include;

2mm stainless steel.

COP complete with back box, using hinges and plain face plate.

Complete range of buttons with various illuminations for call acceptance.

Braille, Tactile and Vandal proof features available in various designs.

Displays - LCD Screen, Dot Matrix or 7 segment.

Passenger load and overload indication.

Hands free emergency dialling telephone, with telephone line and power supply fault diagnostics.

64 Level Digital Voice Annunciation with computer interface to download audio files.

Advanced LCD Lift Display, which allows screen layout customisation by the end user.

With a network installed, wired or wireless, features such as time and date, floor level indication, animated up/down direction indicators, tenant information, scrolling message, streaming audio. And video can be customised.

Based on a matrix of combinations and using international symbols Total Elevators enables any combination of floor numbering or lettering to be achieved in accordance with the individual building requirements.



Control system

Designed by a team of mechanical, electrical, electronic and software engineers the DCT-LC12 is the lift control system with attitude.

The controller is designed using state of the art technology that is flexible and versatile with enviable features that competitors aspire to. The system incorporates surface mount technology with three powerful 16 bit 25 MHz micro processors with each assigned for its own specific task. The industrial specific CAN bus ensures the data stream between the elevator and the controller is constantly linked.

The operating system of the DCT-LC12 will interface to a custom designed Windows OS that allows the programmer to interact with the set up and easy commissioning of the system into the application. The last 100 events, alarms and self testing diagnostics are stored in the Flash memory to help the service technician quickly identify events that have caused the elevator to malfunction from a remote location using the internet or dial-up modem.

Features;

- 16 bit 25 MHz processor with real time core.
- Software monitoring using remote computer.
- Voltage monitoring for resetting of the CPU and outputs.
- 4mb flash memory.
- Storage of last 100 events and alarms.
- Real time clock for alarm and event messages.
- Position sensor inputs.
- 24 inputs.
- 24 outputs.
- Advanced door open safety relay.
- Two 4 wire calling communication loop for 2x32 calling boards.
- Machine room-car 2 wire communication current loop.
- Lift group 2 wire CAN communication.
- CAN communication for motor control.
- 8 digit output for fast motor control.



Elevator types

Total Elevators range of systems will suit most applications, whether it be a project that requires long or short travel, high and low speeds Total Elevators can offer complete lift systems.

Gearless Elevators

High speed, high capacity specialty lifts with speeds of up to 6m/s.

These lifts can be used in multi storey commercial buildings, offices and hotels.

The combination of gearless machines and advanced 3vf drive technology guarantees smooth performance, efficiency and long life.

Geared Drive Elevators

Cost efficient and reliable with speeds of up to 2.5m/s.

These lifts can be used in high and medium rise residential buildings. Using high quality gear drive machines and 3vf drives, the performance of the lift is of the highest standard.

Total Space® MRL

Total Space® is the perfect solution for up to 1,600kg and 2.5m/s.

It is a space saving, flexible and cost effective choice to add value to any building project. Using high quality gearless PM Machines with low noise levels and inverter drives, smooth operation and comfort is achieved.

Hydraulic Elevators

Passenger, Freight and Vehicle lifts with a capacity of up to 6,000 kg.

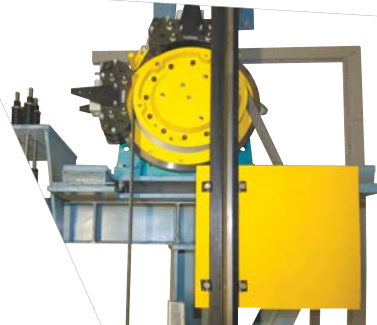
Total Elevators can supply a wide range of hydraulic lifts to suit most applications. Using the best in components and design our reference projects can demonstrate the diversification for the use of hydraulic lifts.

Gearless Traction Elevators

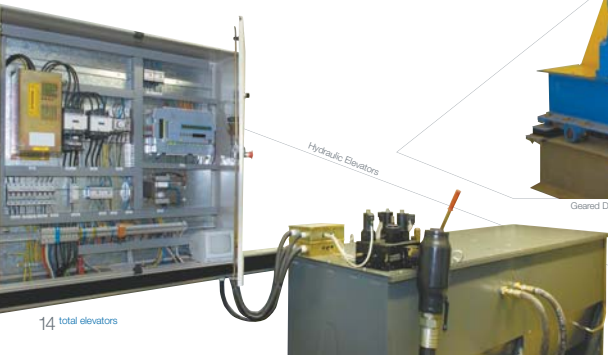


Geared Drive Traction Elevators

Total Space® MRL



Hydraulic Elevators



What Total Elevators can offer our customers

1. Reliability with a serious technical and commercial relationship directed to the future.

The directors of Total Elevators have combined commercial and technical expertise to deal with all types of customer needs and situations. We create unique customer value by ensuring your project is completed in line with world's best practice. We are professional, responsive and will be a competent partner during all project phases.

2. Customer support during project phase

We provide professional analysis and design services to assist clients in fully evaluating all factors relating to a successful elevator project. Not only providing a detailed recommendation of the system required, but also detailed specifications and cost effective terms that may be incorporated in the general specifications of the building. In this way, our Company helps you set the project on course.

3. Dynamic and technically motivated staff that provide the best service and recommend the best products for you.

Total Elevators has the systems and procedures in place to identify and understand the latest technology and products needed to properly install and maintain the equipment and the ability to assess potential risks. We provide elevators that meet international safety requirements for new elevators.

You and Total Elevators share the same objective: a quality elevator system servicing your building, which ensures that people reach their destinations swiftly, comfortably and above all safely. We are passionate about providing you with the very best achievable elevator system using world class design and products.

4. Technical and Sales assistance

Our technical, sales and finance teams have a combined wealth of experience and knowledge of elevators and the building industry, as well as business, finance and commercial analysis and development skills. Our team will guide you through the total process of sales, technical design, production, financing, delivery, installation and after sales service.

We are serious about business development and will use our innovative and state of the art processes and procedures and commercial acumen to guarantee success. Our innovative and energetic team will strive to develop long term winning relationships; we work with our customers to develop strong and successful business partnerships.

