



THE QUALITY CONSTRUCTION HIRE COMPANY



THE TRAINING COMPANY FOR ALL YOUR ACCESS REQUIREMENTS



THE INDUSTRIAL RACK AND PINION LIFT EXPERTS

SUPPLY

INSTALL

MAINTAIN

TRAIN



GTI HOIST is a growing rack and pinion construction hoist hire company



offering a complete lifting and access package for both the in-depth and construction industries. Here at GTI we have developed a vast knowledge along with extensive experience of Alimak, GEDA, RAXTAR, STROSS hoists, Hek work platforms, industrial lifts, and other industry rack and pinion equipment. We also provide an extensive construction training portfolio alongside our partner Autec Training Limited.

The aim of this brochure is to introduce ourselves to you and give a brief overview of what Grant Taylor Innovations (GTI) can offer and what you can expect from us as a company.

WELCOME



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Please visit our website: www.gtihoist.com or call us on 01733 462202



Let GTI Hoist be your next hoist provider

WELCOME



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What you can expect from Grant Taylor innovations (GTI)



INNOVATION is a new idea, device or process. Innovation can be viewed as the application of BETTER solutions that meet new requirements, unarticulated needs, or existing market needs. This is accomplished through more EFFECTIVE products, processes, services, technologies, or ideas that are readily available to markets, governments and society. The term innovation can be defined as something ORIGINAL and, as a consequence, NEW that "breaks into" the market or society.

GTI is NEW and will strive to be BETTER,
ORIGINAL and more EFFECTIVE!

INNOVATION



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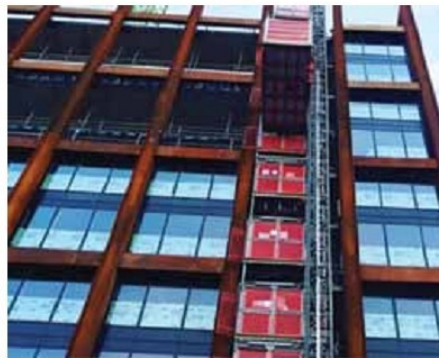


Passenger Goods Hoists can stop at a number of landings vertically outside a structure

PASSENGER GOODS HOISTS



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whilst transporting passengers and materials. Depending on the payload a range of geared brake motors can drive the passengers goods hoist cage in the desired direction, up or down. The hoist offers an independent safety function which can bring the cage to a controlled stop in case a combined speed in the downward direction is exceeded.

GTI Hoist can offer hoist cages in a variety of sizes up to 6.3 metres long and 2.0 metres wide and payload capacities are between 500 – 3200Kg. The cage can be accessed from three sides and there are multiple drive options and control systems resulting in a safe and reliable hoisting solution created for your requirements.

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A trained driver usually operates the cage from inside ensuring the secure loading and unloading of the cage at the landings required.

PASSENGER GOODS HOISTS



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Goods only hoists are used for vertical transportation of materials

and can be used for larger items safely contained inside the cage. No passengers are permitted to use the hoist as they do not have a fitted roof. A loading ramp to provide access to the landing level is created from the large drop-down sections at each end of the cage enabling pallet trucks and trolleys easy access.

An operator at ground level controls the goods only hoist using a pendant control attached by cable to the base electrical enclosure. This enables the operator to view the required landing level and stop the cage within the zone required. The landing gate and access to the hoist cage for unloading is only granted when the hoist stops inside the permitted zone.

Goods only hoists are available with cage internal lengths of 1m to 6.2 metres, internal widths of 1.4m to 2.0 metres and payloads of 500Kg to 2500Kg and use one, two or three motor drives as per the passenger goods hoists.

GOODS ONLY HOISTS



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An operator at ground level controls the goods only hoist using a pendant control attached by cable to the base electrical enclosure



What is a Transport Platform?

Transport Platforms are used for the efficient vertical transport of materials on construction sites. They provide a suitable alternative to conventional hoists for secure transportation. Modern transport platforms offer additional functions and basic components like mast, drive unit and platform decks are assembled.



What do our Transport Platforms offer?



Smaller construction sites typically use the GEDA 1200 as they are designed to be used where space is limited and wherever less payload capability is needed. Capacities vary from 300 to 2,000 kg and are available in 5 different configurations. For transporting materials used inside and outside the building including palletized and large dimension panels, scaffolding, mini loaders, kitchens etc the GEDA 1500 – 3700 transport platforms are suitable. These are more beneficial than traditional alternatives as they are very efficient, secure and offer more functions with a variety of speeds. 6 configurations are available with a payload capacity which varies from 1,500 kg to 3,700 kg and they are assembled using basic components such as mast, drive unit and platform decks.

TRANSPORT PLATFORM



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Transport Platforms provide a suitable alternative to conventional hoists for secure transportation.

TRANSPORT PLATFORM



Mast climbers consist of a work platform fixed to either single or twin vertical masts



which travel up and down the mast using an automated power unit (APU). They offer quick, reliable and economical access to a large variety of construction and maintenance work. The whole platform transports passengers unlike traditional scaffolding which means that operators can spend longer on productive tasks.

What do our Mast Climbers offer?

Mast climber work platforms are a modular steel construction. Platform lengths vary from 2.8m to 13.4 metres for a single mast and 6.7m to 35.9 metres for a twin mast.

This flexibility enables GTI Hoist to erect a secure and reliable platform to match the length of the building facade being accessed. Free standing mast climbers can work up to 9 metres high free standing or travel up to 150 metres tied to a building with a maximum load capacity of 4550kg for a twin mast.

For more specialist applications, GTI Hoist can provide mast climber solutions for working on angled facades of either 80, 100, or 110 degrees. Even at these angles the platforms maintain a level plane, giving a safe and practical working area.



This flexibility enables GTI Hoist to erect a secure and reliable platform to match the length of the building facade being accessed.



MAST CLIMBING WORK PLATFORMS



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As a specialist company in the hoist rental market we have developed a wide range of services to satisfy the needs of our customers



CONSTRUCTION SERVICES



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Site survey

We have experienced engineers who will liaise with our customers to discuss and advise on all aspects of their machines requirements.

Delivery

All deliveries are planned with our customers to ensure minimum site disruption.

Site specific installation drawings

Bespoke set of installation drawings are produced for every site installation by our technical department.

Installation

GTI Hoist supply qualified and experienced site engineers for all installations.

Risk assessments & method statements

These are prepared by our Health and Safety department for customer review prior to the delivery of machines on-site.

Testing

GTI's qualified thorough examiners carry out independent inspections of all machine installations as required by LOLER regulations.

Maintenance

Our maintenance engineers are trained in all aspects of rack and pinion technology and can maintain, repair and test hoists.

Dismantle

A pre-dismantle site visit takes place before our trained engineers start dismantling and removing any equipment.

Bespoke set of installation drawings are produced for every site installation by our technical department.



We offer a range of other services...

OTHER SERVICES



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Industrial

GTI Hoist supply a wide variety of machines to the industrial sector for permanent installations. We also provide comprehensive service and maintenance contract packages along with thorough LOLER inspections. Our fully qualified, experienced engineers can work on all sites from PowerStation's, cement plants to On and Off shore oil and gas installations.

Parts

GTI offer a range of aftermarket parts that are manufacturer original or fully tested against the original manufacturer made parts with all test certificates supplied for load bearing and quality. Please visit our website: www.gtihoist.com for more information.

Bespoke engineering services

GTI Hoist has a dedicated and multi skilled work force, headed by our principle engineer Lee Murrell. Lee and his team of engineers are totally committed to producing high quality parts and components using state of the art equipment, coupled with traditional engineering disciplines and some good old-fashioned service.

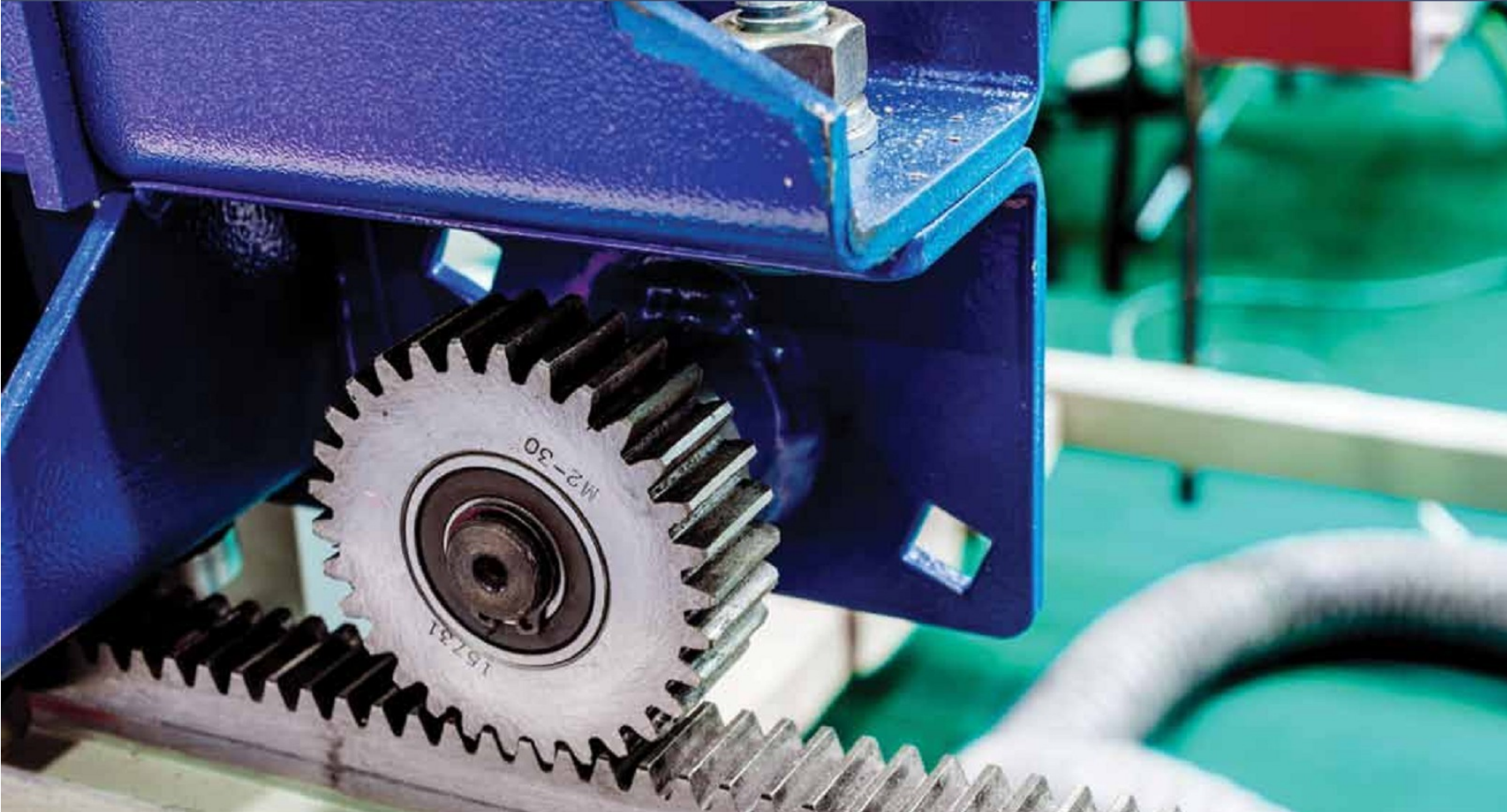
GTI Hoist made the decision to invest in its own machine shop/engineering department was to enable us to recreate parts and components for your decades old equipment, parts that the original manufacturers stopped producing some years ago.

By doing this we believe we can keep your machines moving, as good as new, at a fraction of the cost. We believe

perfectly serviceable machines are all too quickly condemned, using that good old scare-mongering adage 'parts for this machine are no longer available', but the supply of a new machine is! GTI pride ourselves on, where appropriate, getting your machines safely working again in double quick time, at a fraction of the cost. Our engineers think freely and approach each job with a '360-degree view' mentality, using flexible thinking to solve problems and envisage solutions. We like to innovate and adapt combining old and new technology.

Our engineering machine shop has a variety of CNC Milling and Turning centres. We specialise in producing steel, aluminium and plastic components for the hoist, elevator and rack and pinion industry.

Committed to producing high quality parts and components using state of the art equipment, coupled with traditional engineering disciplines and some good old-fashioned service.



OTHER SERVICES



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Industrial Rack and Pinion Elevators (Off-shore Oil & Gas)



GTI have a wealth of experience in the offshore oil and gas lift / elevator industry. Our engineers have carried out offshore installations, LOLER testing and servicing to Alimak elevators all over the world working for the manufacturer.

Our employees have all the latest offshore safety training certification and medical forms allowing them to be deployed offshore immediately to carry out any work or testing required. We specialise, but are not limited to, Alimak, GEDA, Champion, Stross and Raxtar Rack and Pinion elevators.

It is GTI's mission to provide a good quality, reliable service at a very competitive price. All of our engineers are experienced in their individual fields.

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INDUSTRIAL ELEVATORS OFF-SHORE



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Please visit our website: www.gtihoist.com or call us on 01733 462202



INDUSTRIAL ELEVATORS OFF-SHORE



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Industrial Rack and Pinion Elevators (On-shore)



At GTI we have 30 year's combined experience installing, testing and maintaining Alimak & GEDA lifts on bridges, tunnels, docks, power stations, mines and much more all over the UK and worldwide. GTI have worked on bridges such as the Severn Road bridge and Forth Road bridge; tunnels for National Grid and large ports such as TATA and PD ports.

We pride ourselves on providing a cost effective, excellent quality and reliable service and have earned an excellent reputation amongst the Rack and Pinion lift industry. All the engineers at GTI have genuine manufacturer training from Alimak Hek, GEDA or Raxtar and many others to cover all of your access requirements on any new or existing projects.

Services Provided for the Industrial Elevator Industry

- Independent LOLER Thorough Examination
- Safety device drop test (with or without test-weights)
- Tailored lift servicing
- 24 hour breakdown cover
- Commissioning
- Genuine Manufacturer and/or aftermarket parts
- Installation
- Repair
- Refurbishment
- Upgrades
- Removal
- New lift sales

INDUSTRIAL ELEVATORS ON-SHORE



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