

The Use of Hoists in the Industrial Sector

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Who am I?

- Director GTI Hoist Ltd
- Royal Navy Gunner
- Alimak Hek
- IPAF MCWP Senior Instructor
- IPAF MEWP Instructor
- IPAF Construction Hoist Instructor



GTI Hoist Ltd

Formed 2015

- Scott Grant & Simon Taylor

Labour services to
hoist hire industry

- Installation, Dismantle & Repair

Industrial lifts

- Service and TE's

Training

- IPAF MCWP and then MEWP
- Unaccredited Hoist Operator

Hoist Rental 2017

- Transport Platforms

MCWP rental
2019

- Packaged with hoists

IPAF Construction
Hoist

- Operator initially expanding to installers and trainers

Construction Hoists

Temporarily Installed

Guided and Powered Platform

Trained Operator

Transport People and/or Goods

Controlled Speed

Minimum Safety Distances

Serving Fixed Levels

Types

- Goods Hoist
- Transport Platforms
- Passenger/Goods

Industrial Applications

- Cement
 - Shutdown access to maintenance platforms



Industrial Applications

- Cement
- Bridges
 - Construction
 - Access to pylons
 - Service and maintenance

Notable Bridges

- Viaduc De Millau - France
- Niagara Falls Rainbow Bridge – USA/Canada
- Queensferry Crossing - UK



Industrial Applications

- Cement
- Bridges
- Oil Rigs
 - Access when docked
 - From shore up to a crossing
 - On leg directly to platform



Industrial Applications

- Cement
- Bridges
- Offshore
- Power Generation
 - Boilers
 - Chimneys
 - Transfer towers
 - Crusher buildings
 - Precipitators
 - Cooling towers
 - Wind turbines



Industrial Applications

- Cement
- Bridges
- Offshore
- Power Generation
- Ports & Shipyards
 - Access from shore
 - Access into dock bottom



Industrial Applications

- Cement
- Bridges
- Offshore
- Power Generation
- Ports & Shipyards
- Mining & Tunneling
 - Access for tunnel boring
 - Access and egress from ventilation shafts
 - **Notable projects**
 - Crossrail - UK
 - Channel Tunnel – UK/France



Industrial Applications

- Cement
- Bridges
- Offshore
- Power Generation
- Ports & Shipyards
- Mining & Tunneling
- Petrochemical
 - Crude distillation units
 - Hydrocrackers
 - CCR catalytic reformers
 - Polyethylene tanks
 - Liquefied natural gas (LNG) storage tanks
 - Liquefied petroleum gas (LPG) storage tanks



Industrial Hoists

- Cement
- Bridges
- Offshore
- Power Generation
- Ports & Shipyards
- Mining & Tunneling
- Petrochemical





Thanks To:

- GEDA
 - Scanclimber
 - Alimak Group
 - Goian
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- For the use of Resources