



**THE LARGEST  
INDEPENDENT TOWER  
CRANE SUPPLIER IN THE  
UK**



**REACHING NEW HEIGHTS**

# About Us



Originally established in 1974, as a self-erecting tower crane rental company, Falcon Tower Crane Services Ltd, as it is now known, has evolved from a regional tower crane supplier to an internationally recognised brand in tower crane sales and rental.

Throughout its long history, the company has specialised in lifting solutions on all types of construction projects from its headquarters in Shipdham, Norfolk. The company has responded to the increasing demand from UK construction companies to supply high quality, reliable tower cranes.

The 1980's saw a move away from self-erecting tower cranes to the more conventional saddle jib and luffing jib tower cranes resulting in a continued expansion in both fleet size, as well as overseas operations.

During the 1990's and into the early 2000's the fleet increased to over 200 tower cranes and incorporated, for a short while, the provision of passenger hoists as well.

Some 25 years ago, a strategy was established to modernise and standardise the fleet. Its key feature was to predominately use cranes from Spanish manufacturer Jaso, whilst the older machines were gradually sold off through our export division. This, eventually, led to Falcon becoming the UK representatives for Jaso equipment.

During the financial crisis from 2008, UK hire activity reduced substantially and the company shifted its focus from UK rental to worldwide exports. In doing so, the majority of the staff were able to be retained during this period, which enabled the company to grow substantially during the ensuing recovery. The organisation continued to expand across the UK and Europe and now employs over 450 personnel running a fleet of over 450 tower cranes. More recently the company returned to its roots by developing and then expanding a new dedicated self-erector crane division.

Along with tower cranes, other activities in the company have grown in recent years. Such as, a dedicated generator power

division, Falcon Power Generation Ltd, which is based in our Swinton, Manchester Depot. The company runs over 400 Stage IIIA and Stage V compliant diesel generators along with Hybrid Battery Sets, PUNCH Flybrid Machines and Northvolt Voltpack Battery Systems.

In 2019 the group established a dedicated haulage company, Falcon Freight Ltd, which operates predominantly from our Norfolk, Dunstable and Manchester depots. The company has rapidly expanded to over 30 specialist HGV trucks, many with truck mounted cranes and a fleet of over 50 trailers.

Other activities include a shot blast and spray facility for internal and external operations, a specialist lifting training centre dedicated to providing a variety of lifting based courses, a dedicated contract lift division and an in house design and fabrication department dedicated to steel structures including buildings, grillages, tower crane bases and rigging mats.

The company is proud to be the largest tower crane supplier in the UK and one of the largest in the world.

## Some Key Figures

450+ tower cranes

01

450+ employees

02

Average age of our tower crane fleet of just 5.9 years

03

400+ generators

04

5000+ crane related ancillary items

05

# Meet the Team



# Meet the Team



# Saddle Jib Tower Cranes

Falcon has a varied fleet of saddle jib tower cranes, which are supplied predominantly from Jaso with other models from manufacturers including Potain and Liebherr. These range from 40 to 700 tonne metre capacity.

Saddle jib cranes offer many benefits and are generally more cost effective to hire than their luffing jib equivalent. Having a quicker operation, lower power requirement and being easier to erect and dismantle, they remain a prominent feature across the UK skyline. They can be erected on a ballasted base or fixing angles and can freestand, in some cases, without ties to the building up to heights in excess of 120m.

Conventional Saddle Jib Tower Cranes



Semi (low) top tower cranes



Flat top tower cranes



The conventional "A"Frame, "T" Shaped saddle jib tower crane is still one of the most widely manufactured tower cranes around the world. These cranes are generally cheaper than a semi-flat top or flat top tower crane due to the quantity and lower strength of steel in the top part of the tower crane. The "A" frame can take longer to erect and the cranes have oversail difficulties on multi crane sites or in close proximity to an airport due to the height of the "A" frame.

Initially designed for heavier lifting duty capacities and freestanding ability (over 120m). The short tower top is a main characteristic, which allows a site to use several tower cranes simultaneously or near to airports. The range of cranes have the ability to be incrementally erected and dismantled. Thus assisting projects with tight site restrictions or where large mobile cranes are unavailable or expensive.

These tower cranes have a completely flat jib across the front jib, slew ring and counter jib. The height between the maximum hook height of the tower crane and tallest part of the structure is only a matter of metres making these cranes perfect for multi-crane projects where tower cranes overlap and also for airport contracts. The cranes tend to be more expensive than the conventional or semi (low) top tower cranes due to the reinforced steel at the top of the tower crane which holds up the front jib and counter jib. The extra cost of these cranes are offset by their erection speed. Typically, these cranes can be erected quicker as there are fewer lifts required.

## Remote Control

Each of our saddle jib tower cranes are supplied with an operator's cab. However, they can also be supplied as a Pedestrian Operated Tower Crane (POTC). This function allows the cranes to be operated via a remote control from the base of the crane, giving the operator the flexibility to move around site, whilst operating the tower crane.

## 1.2m x 1.2m tower sections

Our city saddle jib crane models use, as standard, a tower section with a cross section of only 1.2m x 1.2m. With models up to 52 tonne-metre, they can achieve free standing height, on this type of tower, of up to 46m. This compact solution is ideal for sites with restricted space and even allows for tower cranes to be installed in small lift shafts.



### Conventional Saddle Jib Tower Cranes

Make & Model	Max Jib Length	Capacity at Jib end *1	Max. Capacity	Generator Power Req
Jaso J5010	50m	1,000kg	2,500kg	80kva
Jaso J52NS	52m	950kg	5,000kg	80kva
Jaso J115.8.A	60m	1,100kg	8,000kg	150kva
Jaso J160.10	65m	1,500kg	10,000kg	150kva
Jaso J210.A	60m	2,800kg	10,000kg	150kva
Jaso J300N	75m	2,300kg	12,000kg	250kva
Jaso J300N.16.A	75m	2,000kg	16,000kg	250kva

\*1 Capacity at Jib End in Highest Fall duties

### Semi (Low) Top Saddle Jib Tower Cranes

Make & Model	Max Jib Length	Capacity at Jib end *1	Max. Capacity	Generator Power Req
Jaso J390	75m	3,000kg	24,000kg	200kva
Jaso J560	85m	2,000kg	24,000kg	250kva
Jaso J700	80m	4,800kg	24,000kg	250kva
Jaso J800.48	80m	3,300kg	48,000kg	250kva
Jaso J1400	80m	9,000kg	64,000kg	250kva

\*1 Capacity at Jib End in Highest Fall duties

### Flat Top Saddle Jib Tower Cranes

Make & Model	Max Jib Length	Capacity at Jib end *1	Max. Capacity	Generator Power Req
Jaso J200.10	67.5m	1,800kg	10,000kg	150kva
Jaso J235.12	65m	2,300kg	12,000kg	200kva

\*1 Capacity at Jib End in Highest Fall duties

# Luffing Jib Tower Crane

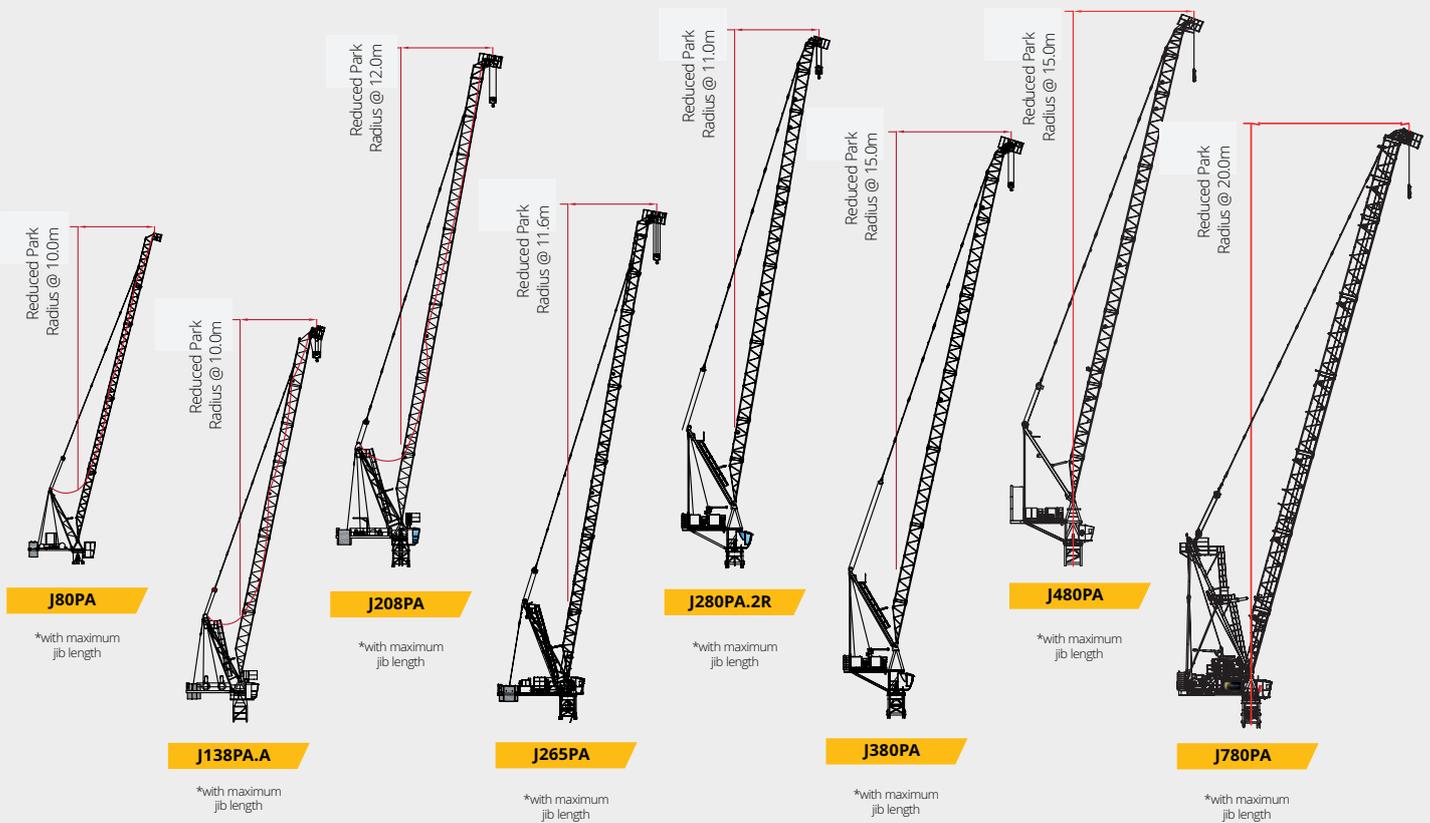
Falcon operates a large fleet of luffing jib and hydraulic luffing jib tower cranes, predominately Jaso. Luffing jib tower cranes are widely used in cities and congested areas where over-sailing by the jib is a major consideration. The design of this type of machine enables multiple cranes to be installed on a site in close proximity to each other. This increases hook time available on site and allows contract completion dates to be suitably reduced as a result. As with our saddle jib tower cranes they can be erected on a ballasted base or fixing angles.

## Over sailing – what is it?

Under British Law, a land owner owns the airspace above their land. It is therefore possible for unauthorised over-sailing by the crane jib to be classed as trespass if a developer or its contractor allows this to happen.

The rule is the same when the crane is in operation or when the crane is in free slew (the jib will face away from the direction of the wind). To limit this impact, all of Falcon's luffing jib towers can be fitted with a special park radius device, which allows the standard park radius to be reduced from its normal position. The hydraulic jib tower cranes are already supplied with a low park radius as standard.

By keeping the park radius to a minimum, it reduces the impact of the construction site on the local community.





## Luffing Jib Tower Cranes

Make & Model	Max Jib Length	Capacity at Jib end <sup>*1</sup>	Max. Capacity	Generator Power Req	Standard Park Radius <sup>*2</sup>	Reduced Park Radius <sup>*2</sup>
Jaso J80PA	40m	1,300kgs	5,000kgs	80KVA	20m	10m
Jaso J138PA.A	45m	2,100kgs	8,000kgs	200KVA	19m	10m
J208PA	60m	1,500kgs	18,000kgs	200KVA	26m	12m
J265PA	60m	2,000kgs	18,000kgs	250KVA	21m	11.6m
J280PA.2R	60m	3,000kgs	18,000kgs	250KVA	21m	11m
J380PA	65m	3,000kgs	36,000kgs	300KVA	21m	15m
J480PA	65m	3,300kgs	36,000kgs	300KVA	18m	15m
J780PA.64	70m	6,200kgs	64,000kgs	350KVA	21m	N/A

<sup>\*1</sup> Capacity at Jib End in Highest Fall duties

<sup>\*2</sup> Park Radius for Max Jib length

# Hydraulic Luffing Jib

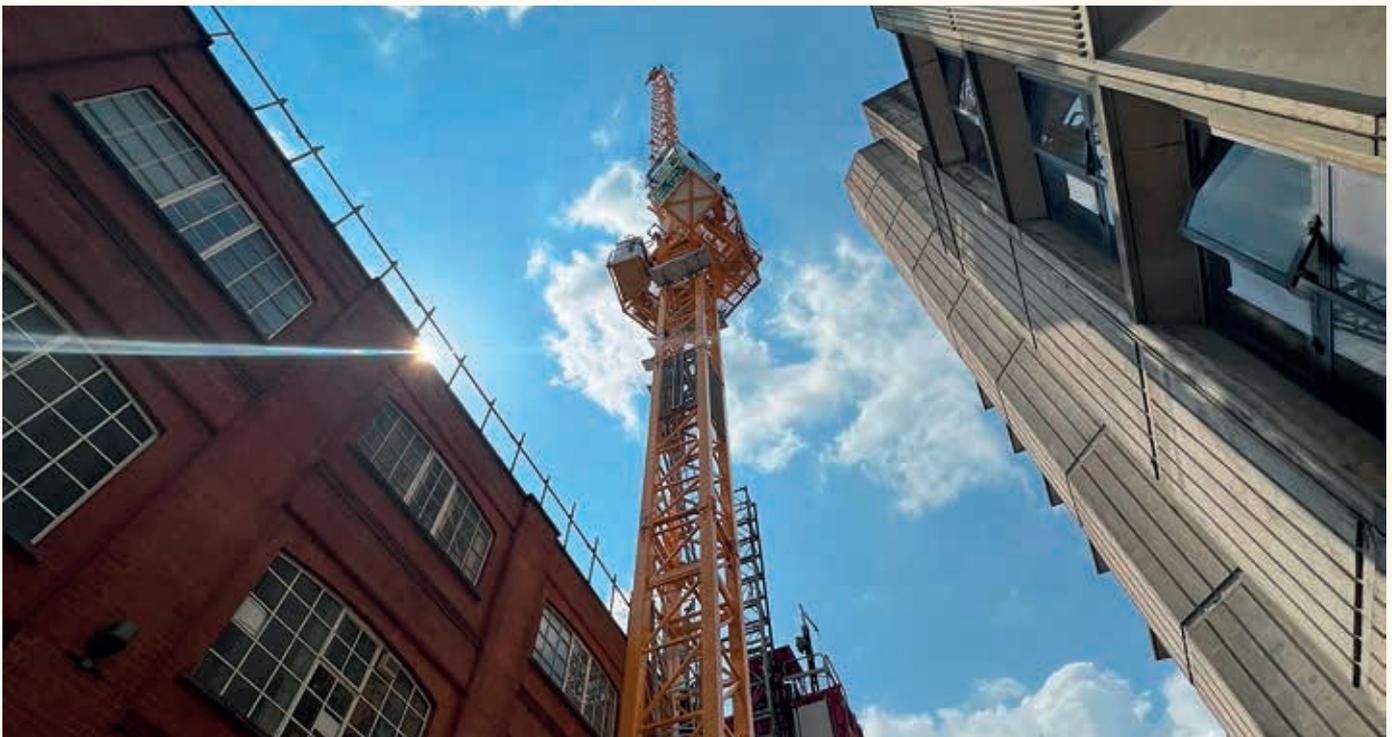
Hydraulic luffing jib tower cranes use a ram as opposed to a winch mechanism to luff the front jib of the tower crane from a horizontal position to a vertical position. With the Jaso range the ram is positioned against the counter jib and as the crane is luffed into a vertical position the entire counter jib swings towards the mast of the crane.

Utilising a ram as opposed to a winch mechanism, reduces the power requirement of the tower crane by approximately 50%. If the crane is being operated via a diesel generator, this could reduce the generator size from a 200kva to a 100kva, saving the rental cost of the generator, reduced fuel costs and reduced CO2 emissions.

Although hydraulic cranes can be slower to operate the swinging counter jib allows the cranes to be parked at a narrower radius from the centre of the tower crane.

## ENG

Falcon, in partnership with ENG have developed a hydraulic luffing jib tower crane, with virtually zero counter jib. The crane has been specially engineered to transfer the forces of the crane down the mast into the foundation to allow the crane to be parked at 87°. The tower crane is available with a maximum capacity of 8t and 41m maximum jib length. Considering the maximum jib length of 41m, the tower jib can be parked at 3.66m from the centre of the tower. This is almost 50% narrower than the standard luffing jib crane.



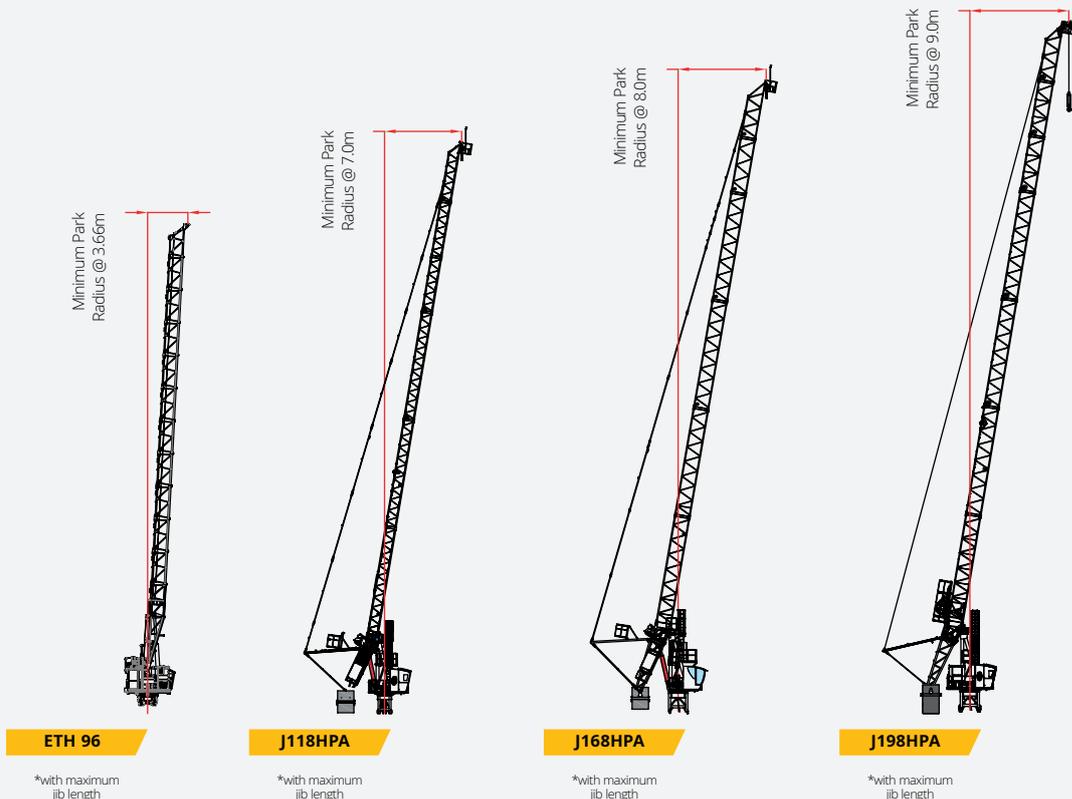


## Hydraulic Luffing Jib

Make & Model	Max Jib Length	Capacity at Jib end *1	Max. Capacity	Generator Power Req	Standard Park Radius
Lambri LCL2010	20m	1,000kg	4,000kg	60KVA	7m
ENG ETH96	41m	1,100kg	8,000kg	200KVA	3.66m
Jaso J118HPA	45m	1,600kg	6,000kg	100KVA	7m
Jaso J168HPA	50m	2,500kg	6,000kg	100KVA	8m
Jaso J198HPA	55m	1,600kg	18,000kg	150KVA	9m

\*1 Capacity at Jib End in Highest Fall duties

\*2 Park Radius for Max Jib length



# Self-Erecting Tower Cranes

For total flexibility, Falcon can offer a wide range of lifting machinery, with the self-erecting tower crane being a prime example.

Suitable for many applications, low power consumption and high versatility allows these cranes to be manoeuvred onto almost any site. With hook heights up to 38m and jib lengths up to 50m, combined with low transportation and erection costs, these types can be a cheaper and more efficient option for smaller building sites.

## Modern fleet

With over 90% of our self-erecting fleet under 10 years old, Falcon continues to invest in modern machinery and technologies. The recently expanded fleet of just under 70 machines is one of the largest in the UK and it continues to develop and expand.

## GAPO

With access to tight building sites becoming an increasing problem, Falcon can supply the ideal solution with a GAPO machine for crane.

These Italian manufactured cranes, complete with site axles for each of our self-erecting cranes, act as a trolley, to enable cranes to be manoeuvred to the desired location. This often negates the requirement for expensive, large mobile cranes to position these cranes.

## Large Self-erecting tower cranes

The change in planning requirements over the past few years, has resulted in increased building heights, meaning the introduction of taller self-erecting cranes has been mandatory within the fleet. Falcon has responded to this change, with the addition of self-erecting tower cranes which are capable of reaching up to 38m hook height and 50m in jib length.

## Falcon / Potain partnership

In 2022 Falcon signed their first dealership for self-erecting cranes in their 48 year history. As the self-erector division has grown over the past 5 years, and the move into the UK sales market as well as rental, it was becoming increasingly important to sign an exclusive dealership with a manufacturer. Potain are one of the largest crane suppliers in the world and their self-erecting crane product has developed an enviable reputation for quality, product range and value for money. At the point of signing, Falcon operated over 50 Potain self-erecting cranes making the new tie up, the perfect fit. The partnership will initially run for two years with an option to extend to a third year.

# POTAIN®



POTAIN IGO 21 - Height: 18M



POTAIN IGO 50 - Height: 20.8M



POTAIN HUP 40/30 - Height: 27M



POTAIN IGO T85 - Height: 33M



POTAIN IGO T130 - Height: 36.2M

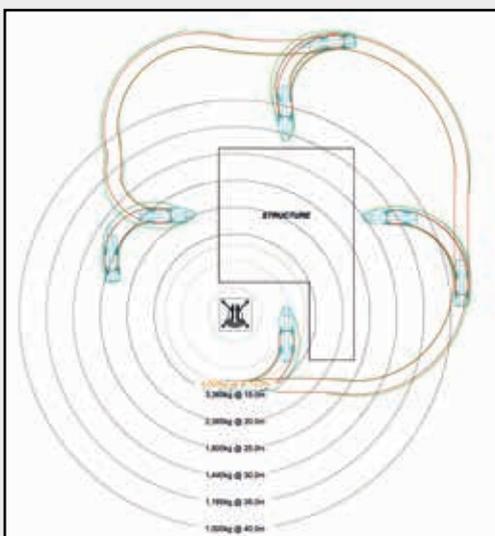


### Self-erecting Tower Cranes

Make & Model	Max Jib Length	Max Tower Height	Capacity at Jib end **	Max. Capacity	Generator Power Req
Potain HD16	24m	18.5m	750kgs	2,000kgs	45KVA
Potain IGO21	26m	18m	1,800kgs	700kgs	45KVA
Liebherr 32TT	30m	21.5m	1,000kgs	4,000kgs	45KVA
Arcomet T33	30m	23.5m	1,600kgs	4,000kgs	45KVA
Potain IGO50	40m	20.8m	1,100kgs	4,000kgs	45KVA
Potain HUP40/30	40m	27m	1,000kgs	4,000kgs	60KVA
Potain IGO T85A	45m	33m	1,250kgs	6,000kgs	60KVA
Potain IGO T130	50m	36.2m	1,400kgs	8,000kgs	100KVA

\*1 Capacity at Jib End in Highest Fall duties

\*2 Park Radius for Max Jib length



## The Benefits

Historically in the UK, small 3 or 4 story buildings have utilised telehandlers and forklifts to move material around site. Whilst telehandlers maybe cheaper, they turn up the ground on site, making their stability a health and safety risk, they tend to cost more to run due to their high fuel costs and they are much slower in operation. A self-erecting tower crane with up to a 50m jib length, can be located in one position on site and move materials around in a safe, clean and cost effective manner.

# Falcon Power Generation Ltd

When our customers tell us what their requirements are, we listen, then we design a power solution to satisfy their needs.

Falcon Power Generation has invested in a modern and robust fleet of hire generators, ranging from 20kVA to 500kVA providing both off the shelf and bespoke solutions, so units deliver the power needed for the job in hand. Our generators can be supplied as stand alone sets with automatic start or synchronised together to give a truly uninterrupted power supply. Road tow generator chassis are also available up to 100kVA. In addition, a fuel monitoring facility is also offered where clients fuel requirements are continuously monitored by the generators themselves and the reordering of fuel is automatically done without the need to manually check fuel levels.



## Stage V compliant

Stage V generators are a legal requirement within the Central Activity Zone (CAZ) and Opportunity Areas in London. Over the coming years this may expand further into London and other major cities across the UK. Within Falcon's fleet of 400 plus generators, over 25% of our fleet are Stage V compliant with the remaining sets complying with the Stage IIIA standard as per the NRMM regulations. The benefit is twofold, not only will all our customers be complying with current regulations but they will also benefit from lower CO<sup>2</sup> emissions. The result of compliance is, of course, lower fuel bills.

## What is NRMM?

All NRMM (Non-Road Mobile Machinery) between 19 and 560kW must conform to the EU Engine Emission Stage V or have an exemption issued by the Greater London Authority. Currently the regulations apply to all developments that fall in CAZ within London, which include areas such as Canary Wharf, however there are plans to expand this further throughout the UK in the coming years.

## Falcon's Hybrid Power Solutions

These units deliver on both cost savings and additional cuts in CO<sup>2</sup> emissions, just like a hybrid car but on a larger scale. The principle is that the generator charges the hybrid part of the system whilst it is in normal operation from excess power. This enables the project to switch on to stored battery power for lighting and advertising once the site closes. This eliminates noise at night and reduces engine running time and, hence, fuel consumption.





## Fuel management and 24 hours GPS monitoring

Our fleet of bundled fuel tanks range from 450l to 3000l and, on request, can be fitted with telemetry equipment to maintain, control and monitor fuel consumption 24 hours a day 7 days a week. It can also monitor the current CO<sup>2</sup> emissions, fuel savings, battery duration and engine run time saved.

With this system in place fuel replenishment can be remotely monitored and delivery arranged to avoid a shortage of fuel.

Applications include, but are not limited to:

- Tower crane aviation lights
- Small cabin set-ups
- Security lighting and CCTV systems
- Communications and wireless access points
- IT and medical equipment
- Environmental monitoring equipment
- PA systems

## PUNCH Flybrid

In essence, a PUNCH Flybrid system allows us to reduce the size of the generator powering the tower crane along with fuel usage. Dynamic duty cycles waste a great deal of energy because they require a lot of power for short periods of time. As a result, this type of application has traditionally required oversized power trains purely to cope with the peak demand. However what if a power source, such as a generator or mains supply, could draw on an external power source, to deliver that peak dynamic load, injecting only when the large power demand is required e.g. when a crane lifts a heavy load at maximum speed. A short surge of power from an outside source when needed would allow the size of the generator powering the tower crane to be matched to the average load, and therefore reduced – when slewing or lifting lighter loads – thus saving fuel and reducing emissions. This is exactly what the PUNCH Flybrid does.

By adding a PUNCH Flybrid system into the system, we can reduce the generator size by up to 200KVA. This saves a considerable amount of money on a the rental sets and fuel bills whilst cutting CO<sup>2</sup> emission by up to 60%.

## Northvolt Volt Packs

From 281kWh to 1,405kWh battery systems, the Voltpack can power any tower crane within our fleet with zero CO<sup>2</sup> emissions. As the industry moves to becoming diesel free, large storage batteries is the obvious next step for achieving this target.

With the base model of 281kWh, the system can power any of our tower cranes throughout the day, whilst being trickle charged from a mains supply. Providing a feed of at least 25amps is available, our research shows that the Voltpack rarely drops below an 80% state of charge, even on the busier sites. The system can be used for multiple applications, its rugged to operate in harsh environments, and incredible quiet compared to a diesel generator.

Though its robustness, mobility, scalability and versatility the Voltpack Mobile System offers a unique opportunity to power your next construction project and reduce emissions – all while achieving comparable ownership costs to conventional power solutions.





# Contract Lifting

With 49 years' experience within the lifting industry Falcon Tower Crane Services Ltd is the professional partner to safely plan and execute your lifting requirements, on time and on budget.

Falcon is your one stop contract lifting solution specialist, we have the resource to support your operation with craned transport, standard and specialist heavy haulage through our sister company Falcon Freight Ltd.

In addition to the transport solutions Falcon can also manage local authority permits and traffic management requirements, providing the complete, efficient contract lift management at every step of the way.

As standard, we hold a comprehensive range of lifting accessories from a range of industry leading manufacturers. As a specialist stockist we constantly develop and upgrade our products with the ability to manufacture and certify bespoke solutions to execute your lifting requirements. As a result of the equipment at our disposal we specialise in the installation and removal of machinery, plant and industrial equipment.



Our team of highly trained CPCS appointed personnel will carefully evaluate each lifting operation during their onsite visits and utilise their specialised expertise to ensure that the lift is carried out in a controlled, efficient, and safe manner whilst being fully compliant with the rigorous standards outlined in BS7121 (the safe use of cranes), and in accordance with the specific terms and conditions outlined in the CPA contract lift.

Falcon also supplies various different matting solutions and etha foam, such as our specially designed 6.6m x 2.4m RLR steel mats which have a maximum loading of 170te/m<sup>2</sup> and a surface area of 15.84m<sup>2</sup>, which greatly reduces the point loading of the mobile crane. These can be laid utilising our modern versatile Hiab fleet, alleviating the need for a rigging crane. We also supply 3.8m x 1.6m steel mats along with 5m x 1m x 150mm and 3m x 1m x 150mm hardwood ekki mats. These can also be configured to cover the surface area you require to greatly reduce the point loading of the mobile crane. These can be delivered and collected by our sister company Falcon Freight.





At Falcon, we have a can do attitude and we pride ourselves in producing solutions for the most complex lifting or plant movement operations.

We possess the expertise to manage lifting operations that range from the most basic to the most complex, thereby minimising the risks involved. In addition to selecting the appropriate mobile crane and configuration or one of our modern fleet of versatile Hiab units, we will also provide you with an industry leading standard, method statement, risk assessment, insurances, and CAD drawings.



# Training

At Falcon, we recognise the significance of training as an integral part of the service we offer to our clients.

Working alongside many of the UK's leading card schemes such as CSCS and CPCs, Falcon are committed to continued service improvement supporting achievement of qualifications which learners and employers understand and value, whilst having the confidence that they are also compliant with the latest legislation and industry good practice.

As a CITB Approved Training Organisation (ATO) our trainers are not only experts in their individual fields but are also dedicated to

delivering training and assessments which are both relevant and engaging. Certain training and assessments can be provided at your location, enabling your company site-specific procedures or requirements to be incorporated and to allow candidates to get the most from their experience. However, if you require the training to be conducted at our centre, we have an outstanding custom built, fully equipped, lifting centre at our headquarters in Shipdham, Norfolk.





## CPCS Accredited Test Site

Our CPCS Test Site in Norfolk facilitates the delivery of CPCS Technical Tests for the following categories, with accompanied relevant training, if required, tailored to meet the needs of both novice and experienced individuals:

- CPCS Tower Crane - Cab Controlled - Trolley and Luffing Jib (A04A & B)
- CPCS Tower Crane – Remote Controlled – Trolley Jib (A04C)
- CPCS Crane Lifting Operations Supervisor (A62)
- CPCS Appointed Person (A61)
- CPCS Slinger / Signaller- All Types - Static Duties (A40B)

Falcon is ideally placed to train the next generation coming into the construction and allied sectors and to help address the skills and labour shortage. We are looking to make further expansions to the categories which can be delivered at our CPCS Test Site to meet the needs and demands of a fast-growing industry.

## Falcon can also deliver in-house training for the following categories:

- Tower Crane – Cab Controlled - Saddle and Luffing Jib
- Crane Supervisor
- Self-erecting Tower Cranes (POTC)
- Appointed Person
- Slinger / Signaller- All Types - Static Duties

## Credibility

With nearly 50 years of site-based experience within the construction industry and being involved with some of the largest projects in the UK Falcon is ideally placed to assist its clients with whatever training they may need.

# Falcon Freight Ltd

Our FORS Gold and CLOCS Silver accredited company, Falcon Freight Ltd, has a vast array of transportation to accommodate any and all operations, no matter the complexity or size of the task.

Our vehicles are designed not just for the transportation of tower crane components, but also for specialist items such as test weights, timber / steel mats, containers, cabins and even Christmas trees. Our fleet is also available for hire, with drivers, for general haulage with the ability to operate both in the UK and on the Continent.

## Our Fleet

Falcon Freight Ltd currently operate a fleet of 30 plus HGV trucks. This is a split between artic units along with rigid and artic units equipped with truck mounted cranes.

Our 15 x artic units are predominantly Volvo FH500 units fitted with EURO 6 engines, 360° observation cameras & warning sensors. They range from the standard 44t units up to 90t for the heavier loads.

Our rigid vehicles are equipped with a variety of truck mounted cranes including Palfinger, Fassi and Hiab. We also operate a variety of capacities from 45mt to 80mt. Many cranes are equipment with additional fly jib capability reaching a radius of up to 35.5m.

Not only do we pride ourselves on our fleet of vehicles, but also our crew of ADR certified drivers who are fully trained and given a compliance induction and driving assessment from our in-house training department.





# Shot Blast and Spray Booth

At Falcon we recognise the importance of having not just a strong product and a comprehensive service, but also an identifiable company image. With this in mind, we have invested in two shot blast booths, six spray booths and one bake oven across our depots in Norfolk and Manchester.

Our spray booths are suitably equipped to deal with the many projects that the Falcon paint team undertakes, not only catering for our own needs but also for our growing list of clients.

Our equipment is continuously updated to deal with the many products and paint types that we use, we strive to improve our paint standards by working with some of the world's leading paint manufacturers. Together we make sure we have the right product and equipment for the job in hand.

## Shot blast booths

The shot blast booths use G12 iron grit which is recycled on a corkscrew system enabling us to use the grit for up to 200 operations, making this system very efficient and environmentally friendly. The system is accredited to achieving SA3 white metal standard.

## Spray Booths

The spray booths are set up with the latest, state of the art, electro-static equipment and conventional HVLP painting equipment. This equipment enables us to reduce wastage and maintain a low VOC. The paint used is a marine based paint which has a high zinc phosphate content and is 100% lead free. Three of the booths are located in an old World War II aircraft hangar on Shipdham Airfield, which includes a 20t overhead travelling crane (gantry crane).

## The Cranes

The advantages of offering respraying to our customers are two fold. The first and most important is for health and safety reasons. Any tower crane in our fleet can be shot blasted to its bare metal allowing our engineers to thoroughly inspect and carry out non-destructive testing (NDT) procedures on the structure before it is resprayed. By adding layer upon layer of paint without shot blasting, the risk can increase of structural damage going unnoticed. The second benefit is the appearance of the finished product meaning that we can supply any tower crane in our fleet in our customers own livery. Once a machine has been through our booths, the result is an extremely high-grade product, perfect for any prestigious project.

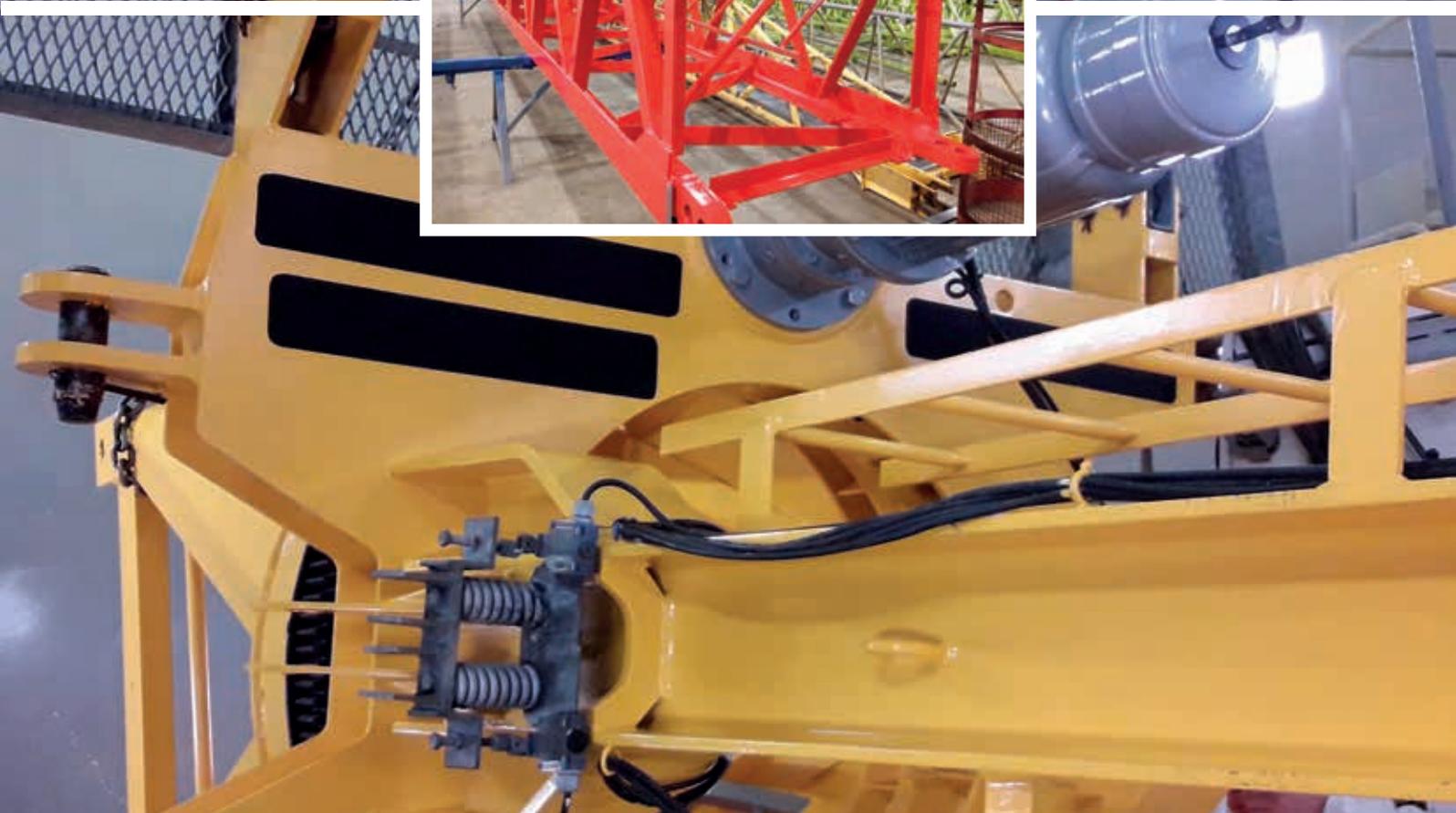


## Sustainability

At Falcon we are fully aware of our surrounding environment, so we take great care in keeping our VOC's low, we have introduced a solvent recycle system enabling us to reclaim 90% of our waste product. We are also working with HMG paints to develop a water-based product that is suitable for tower cranes. Trials so far have been very positive.

## What else can we do?

From garden gates to roller coasters to commercial vehicles to submersed offshore steel pilings and of course, tower cranes - we cover it all. The Falcon paint team have ICORR GOLD accreditation and have a wealth of knowledge and experience in all aspects of preparation and painting. We regularly trial new products for ourselves and for the paint manufacturers, to ensure we always utilise the best quality and most sustainable paint.



# Website Login and App

Falcon has developed an interactive website and mobile phone / tablet app called Falcon Online to give our customers direct access to safety critical documentation at all times. Once a tower crane has been erected on site, it is assigned to a customer and a job site.

Each customer will then be able to access erection and dismantling documentation such as RAMS, Site Inspections and Grillage Certificates. As the project progresses, the Operator Weekly Timesheets and Daily / Weekly Checklists will be available, as well as Service Reports, Work Instructions, Test Certificates and even invoices. It is a complete crane file at your fingertips.

Our tower crane operators, field engineers and depot employees can access all forms through our digital platform, which enables the documentation to be completed, submitted and stored instantly. All documentation appears on our customer interface within seconds. Each crane file, complete with manuals, electrical schematics and service history are available for our employees and customers.

Our customers are able to re-order ancillary items, view live windspeed data and view live down time statistics on each

tower crane they hire. Over the next few years the App will be expanded further to allow our customers visibility on routine maintenance visits, they will be connected to live notifications through our bulletin section and even have the ability to amend artwork on their LED Signs.

The high level of encryption makes Falcon Online secure and safe to use and is compliant with the latest GDPR. Available to download immediately on Windows, Android and Apple / IOS.



Please contact enquiries@falconcranes.co.uk or 01362 821048 for any further information



# Sales and Export Division

Many people recognise Falcon as a specialist in tower crane rental, but what many people don't realise is how active Falcon is in the tower crane sales market. With a dedicated division within the company specialising in this field, Falcon sell many new and second-hand tower cranes across the globe. With experience in global shipping, letter of credits and customs documentation Falcon can offer a turnkey service to all potential clients.

Current clients are in Chile, Mexico, Canada, Israel, Taiwan, Vietnam and Australia not to mention 16 other countries across Europe. Our reputation for quality, price and good customer service leads to repeat orders with many of our customers.

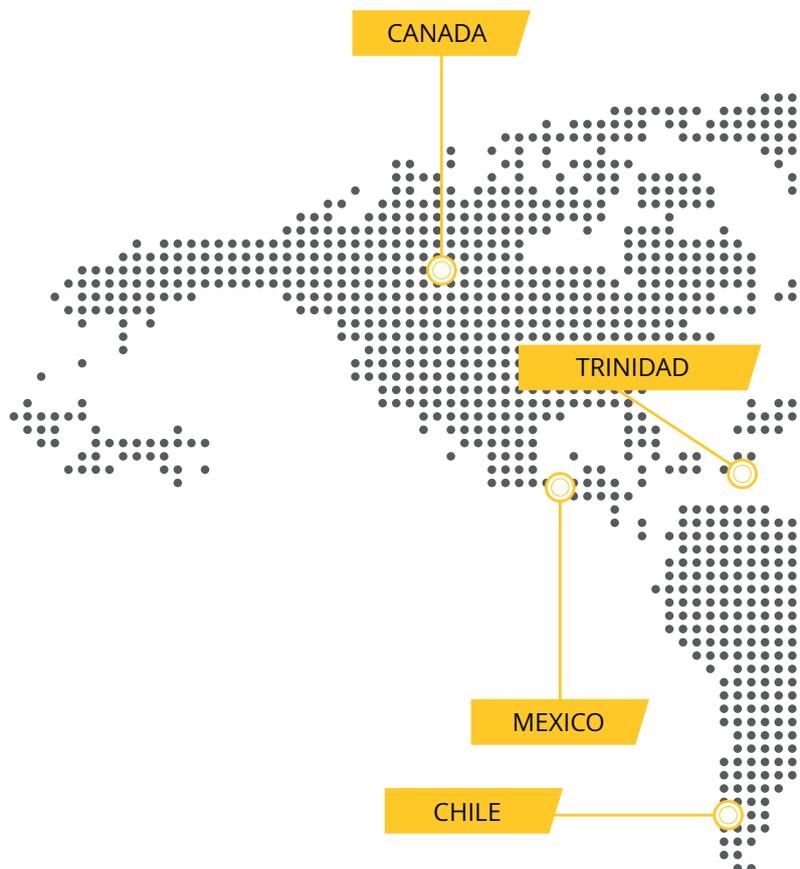
## UK customers

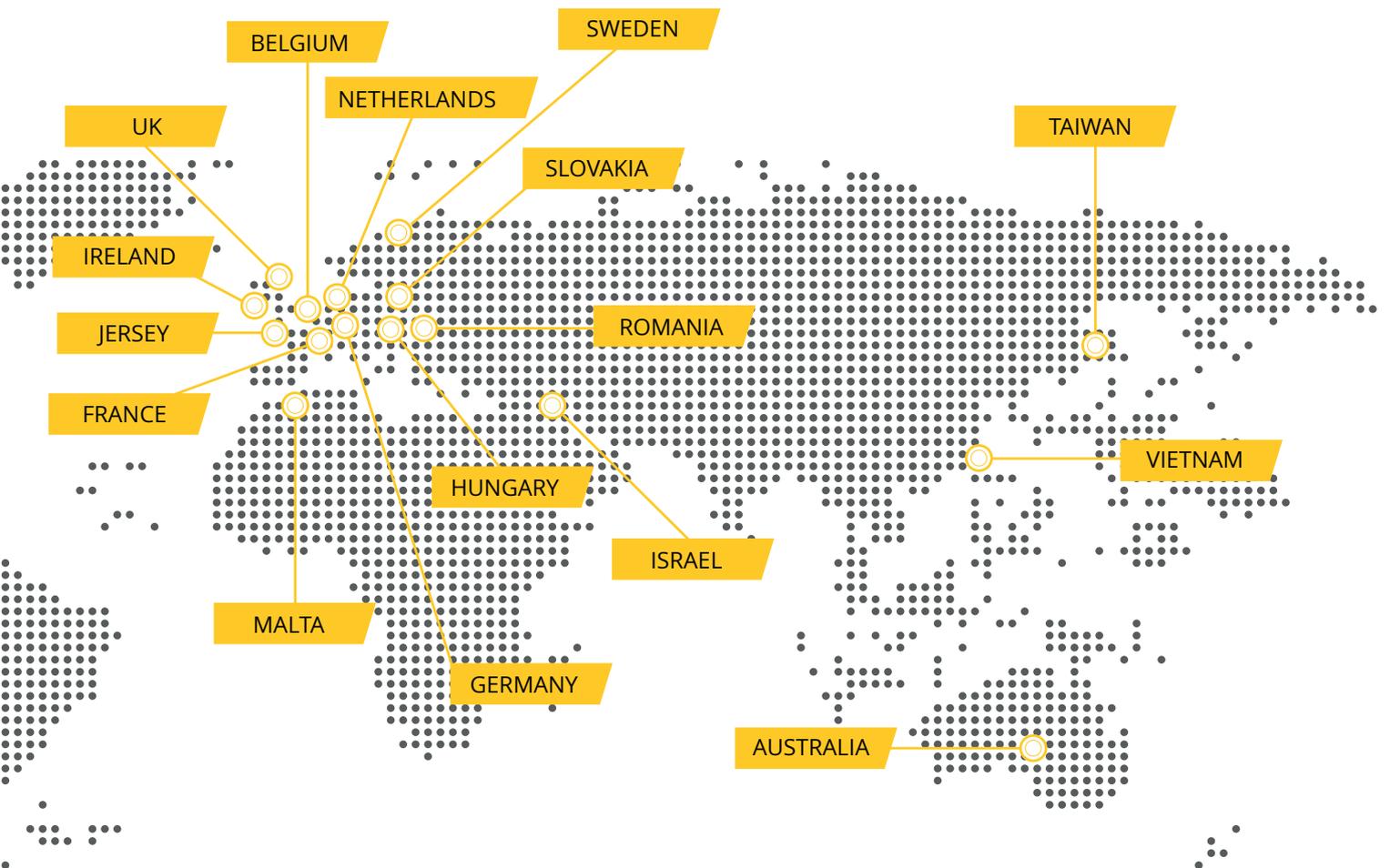
Closer to home, Falcon works with several UK based construction companies, which opt to purchase cranes for their own fleets rather than hire. Falcon can provide the complete service package from, selling the tower crane, managing the erections and dismantlings, maintenance, repair and storage. Flexible agreements are tailored to suit every customers' needs and requirements.

## The advantage to the rental fleet

One of Falcon's key strategies is the modernisation of its fleet and with over 450 tower cranes, the average age is just 5.9 years and dropping, with a target to achieve under 5 years.

The export division complements this strategy with the sale of older cranes to countries where age stipulations are not so important. This leads the way for newer models with modern designs and new technologies to enter our fleet.





# Health and Safety Accreditation

Falcon takes the health, safety, welfare and the environment very seriously and nothing is more important to us as a company than the wellbeing of our employees and customers.

One of the many steps that Falcon takes to ensure a safe place of work is undertaking the accreditation of eight different SSIP's (Safe Systems in Procurement). In addition, we are members of the Considerate Constructors Scheme and hold an IASME Cyber Essentials accreditation. Being a member of a SSIP demonstrates to our customers that we have attained the appropriate core criteria which has been endorsed by the Health and Safety Executive (HSE). Falcon are active members of the Supply Chain Sustainability School which shows our commitment to a more sustainable built environment.

## ISO9001

In addition to the SSIP's Falcon also holds the ISO9001:2015 quality accreditation, which we have held since 2007 and updated to the latest standard in the final quarter of 2018. This Management System is critical to our company ethos and demonstrates to our customers the important emphasis placed on quality assurance. Accreditation to a recognised quality standard is essential for dealing and complying with legislation. Holding this accreditation ensures we identify, measure and improve our core processes. Continual improvement is vital to assuring we comply to the standard, ISO9001 is the world's most recognised quality management standard.



## ISO45001

In 2019 Falcon upgraded its OHSAS 18001:2007 accreditation to achieve ISO45001:2018. Like the other accreditations it provides a framework to identify, control and decrease the risk associated with health and safety within the workplace. Our aim is to reduce the likelihood of accidents and incidents and demonstrates a sound occupational health and safety performance. The accreditation lets our customers know that at Falcon we are serious about safety within the organisation, thus making our organisation a safer place in which to work.



## ISO14001

Falcon holds an environmental management system (EMS) standard ISO14001:2015. This accreditation was gained in 2014 and updated in line with our ISO 9001. Holding this accreditation assists the organisation to focus, identify and manage environmental conditions, such as the reduction of our carbon footprint, making the most out of renewable energy and cutting waste. It ensures that Falcon stays compliant with current environmental legislation while publicly demonstrating commitment to protecting the environment with our continual improvement.



## ISO50001

To clearly demonstrate to our customers that Falcon is committed in reducing its environmental impact and establish industry best practices in energy efficiency, Falcon achieved ISO50001:2018. By improving our performance and reducing consumption we also help protect the environment and enhance our brand's green credentials.



# THE LARGEST INDEPENDENT TOWER CRANE SUPPLIER IN THE UK

## Logistics

Falcons' transport division has achieved Fleet Operator Recognition Scheme Gold and Construction Logistics and Community Safety Champion accreditations. Being associated with both FORS and CLOCS is a mark of quality regarding our logistical products and services. The quality assurance frameworks of both schemes helps the management team keep abreast of current legislation and latest rules of the road, our drivers can help to increase traffic flow, reduce delays, and cut running costs for our business. These pinnacle awards shows our customers that we are committed to improving safety by making our drivers aware of health and safety issues intrinsic within the industry, be mindful of other drivers and vulnerable road users. Additionally, caring about the efficiency of our vehicles and their environmental impacts.





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