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RAIL DEPOT LIFTING & HANDLING EQUIPMENT

Quality | Safety | Reliability | Innovation

ENTENTE CORDIALE

In March 2017, we began a new chapter in Mechan's history, joining French group, CIM – one of the rail industry's most ambitious full service suppliers.

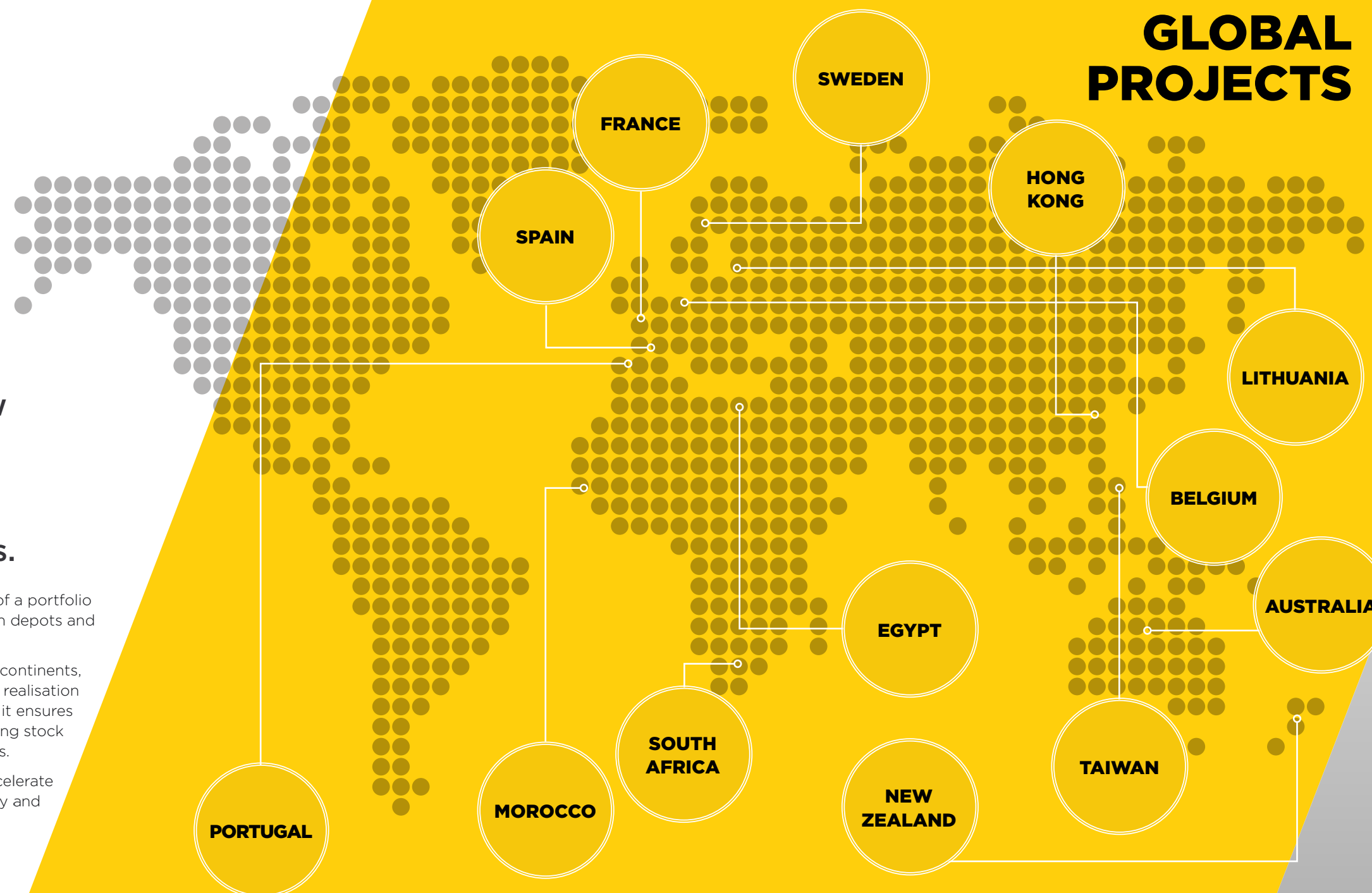
Our extensive range of lifting and handling equipment is part of a portfolio of products designed specifically to meet the needs of modern depots and track maintenance teams.

CIM operates in more than 120 countries worldwide, across all continents, working for many of the main rail operators on the design and realisation of infrastructure supply and construction projects. In addition, it ensures the sustainability of work carried out, plus the reliability of rolling stock through the provision of engineering and maintenance services.

Becoming part of such a dynamic group has enabled us to accelerate our international development, whilst retaining the build quality and high standards of customer care for which we are renowned.



GLOBAL PROJECTS



RAISING STANDARDS IN DEPOT MAINTENANCE

Our innovative workshop equipment can be found playing a vital supporting role in rail depots across the world.

From our manufacturing base in Sheffield, England, we combine half a century of engineering experience with the latest technological developments to create maintenance products that have an unrivalled reputation for quality, safety and reliability.

We are dedicated to finding time and efficiency savings for clients, whilst ensuring our equipment is built to last. As a result, we enjoy long standing relationships with some of the most prestigious names in the transport industry, including Siemens, Alstom, Bombardier, Hitachi, Network Rail and Hong Kong's MTR Corporation.

Our team of proud Yorkshire folk flies the flag for UK manufacturing at home and overseas and export sales continue to rise year on year.

50
YEARS IN
BUSINESS

OVER
5000
LIFTING JACKS
PRODUCED

MANUFACTURED
**EUROPE'S
LARGEST**
TRAVERSER

PEOPLE POWER

By investing in the wellbeing and development of staff, we have assembled a highly skilled workforce with the design and technical expertise to keep us moving forward.

We enjoy an open and friendly environment, in which everyone is encouraged to be creative and contribute ideas. Our talented team comprises dedicated designers, experienced engineers, capable customer support and knowledgeable manufacturing and maintenance crews, to ensure clients are cared for consistently.

The majority of our employees live in and around Sheffield and we take pride in the levels of staff retention we enjoy. We have held the Investors in People accreditation since 2009 and nurture motivated apprentices in both factory and office roles, to complement the graduate level recruits that join our design and engineering departments.



ENGINEERING EXCELLENCE

Built to withstand the constant demands of rail depots, our lifting and handling equipment will outperform, outsmart and outlast our rivals.

QUALITY

We hold internationally recognised standards for the quality of our products, services and systems. These include ISO 9001:2008, ISO 14001 and ISO 18001.

SAFETY

An unwavering commitment to manufacturing quality and customer support ensures our products are durable, inherently safe and always serviceable.

RELIABILITY

Our comprehensive after sales service gives clients peace of mind that once an installation is complete, it will operate safely and consistently throughout its lifetime.

INNOVATION

We combine new ideas with traditional engineering skills to produce some of the world's most advanced maintenance equipment. We can even extend the life of older machinery by adapting it to suit new working practises.



EVERY STEP OF THE WAY

Our ground breaking heavy lifting products help rail maintenance providers improve servicing times and reach new levels of depot safety and efficiency.

We are always seeking new ways to extend the scope of our equipment and with the help of approved distributors, we have established an international reputation for excellence.

1. CONCEPT & DESIGN

We know every rail project is unique and is often subject to change. Our specialist engineers work closely with clients to explore your concept and specification throughout the design stage, then tailor our products to meet your needs. This means they will work as efficiently as possible with local conditions and constraints.

2. BUILD & TEST

Our manufacturing facility has been at the heart of Mechan's operations since 1969 and we are very proud to say our products are Made in Sheffield. Before any order is despatched, the equipment is assembled in our factory and tested rigorously to ensure every nut and bolt is in full working order.

3. DELIVERY & INSTALLATION

Regardless of the distance they have to travel, all our products are packaged carefully and transported by heavy goods specialists. Upon arrival at site, they are reassembled, if necessary, installed and commissioned by our expert technicians or local representatives. A site acceptance test is then carried out before we hand over to the client.

4. MAINTENANCE & AFTER CARE

Our technicians are fully trained and have the PTS certification required by Network Rail. We operate a 24-hour breakdown service and carry an array of spare parts, to speed up response times. Our specialist maintenance contracts can be tailored to you, whilst we can also help improve the performance of existing equipment.



OUR PRODUCTS

JACKS

Any number of jacks can be linked together and operated by a single user, thanks to our patented Megalink control system.

Safety is a priority and our flagship jacks make adjustments so precise they are undetectable to the eye. They are easy to install and will maintain a load even when power is lost. Designed to work hard in any environment, they boast a useful life of at least 25 years – far longer than other lightweight alternatives.



EQUIPMENT DROPS

Remove or replace undercarriage equipment without decoupling rail vehicles, using our versatile equipment drops.

Our drops allow complete bogies, wheelsets and other modules to be changed quickly at track level by lowering the equipment away from the train, so it does not need to be split or lifted. This means other maintenance, inspection or cleaning can continue while work is taking place and bogie change is feasible within two hours.



UNDER CAR HANDLING

Our mobile handling equipment helps remove and replace undercar modules, engines and couplers.

Designed with ease of operation in mind, these unrivalled products range from manipulators for the extraction of air conditioning components or batteries, to semi-automated coupler removal systems. The size and capacity of each unit can be altered to suit the application and variations are available to work within a pit or on the depot floor. Off the shelf parts are sourced wherever possible for trouble free maintenance.



BOGIE WORKSHOPS

Make the removal, refurbishment and maintenance of bogies and other underfloor components safer and more efficient with our wide range of specialist equipment.

Popular lines include rotators, powered turntables, lifting platforms, wheel lathes, wheel presses and mobile lifters that provide access to the detached unit in an ergonomic and user friendly manner. Our underfloor wheel lathes are available in a single or tandem arrangement with a capacity of 15, 20 or 30 tonnes.



TRAVERSERS

We are the only company in the UK that can demonstrate an ability to design and build bespoke traversers for any size or weight vehicle.

No job is too large or small. Because our units are made to order, sizes range from 60 tonnes to behemoths capable of carrying the heaviest freight trains. Our attention to detail during concept, manufacture and installation will result in a traverser that meets the unique requirements of your workshop and vehicle specification.



LIFTING, HANDLING & STORAGE

Make the removal, refurbishment and maintenance of components safer and more efficient with our wide range of specialist equipment.

Popular lines include lifting beams for HVAC, pantographs, bogies and wheelsets. We also design various stands and stacking frames for secure storage of spare bogies and wheelsets when space is at a premium.



AT YOUR SERVICE

We offer a comprehensive after sales service to give clients peace of mind that once an installation is complete, it will operate safely and reliably throughout its lifetime.

MAINTENANCE

Tailored maintenance programmes not only reduce downtime and prolong productivity, but also help you meet legal requirements to protect employees and give them greater confidence when using equipment.

Our technicians are fully trained and ensure they stay up to date with technology. They carry a range of spare parts and operate a 24-hour nationwide breakdown repair service, responding quickly and efficiently in an emergency situation.

Contract customers also benefit from reduced hourly rates for emergency call outs and access to unrivalled technical support.

REFURBISHMENT

We understand that changes to rolling stock and working practises can mean your depot equipment outlives its usefulness.


Instead of sending it to the scrap heap, we liaise closely with clients to breathe new life into old kit, increasing its operating capacity and ensuring it remains relevant to your business.


Our on-site engineers and head office experts have the technical expertise to adapt and improve a machine's performance and practicality to meet the needs of modern depots. Advice is also available by phone or email on how to enhance your servicing provision and undertake day to day maintenance.






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