



Perfect harmony for TGV lift

French crane service provider Mordefroy Levage used two Tadano Demag cranes to lift a 34-tonne high-speed Train à Grande Vitesse (TGV) train in Romilly-sur-Seine, France.

The company used an AC 100-4L and an AC 140 to perform a tandem lift operation, which saw the locomotive delivered to the new Technicentre SNCF maintenance facility.

The 22-metre long train was transported to the delivery site by road and had to be lifted from a lowbed trailer onto railway tracks at the facility. Mordefroy lifted the front with the AC 100-4L, taking on 16 tonnes of the train's weight at a radius of 13m; the AC 140 lifted the rear at a radius of 14m.

Together the cranes hoisted the TGV 12 metres into the air and, in a synchronised manoeuvre, positioned it over the tracks before lowering it into place. The entire operation was completed in eight hours.

Patrick Mordefroy, general manager at Mordefroy, said: "The two Demag cranes had more than the performance characteristics required for this job, not to mention that they work like a charm together, so it was only natural for us to use them. We owed a lot of it to the reliability and unrivalled performance characteristics of our two Demag cranes, which is why we really consider them to be an invaluable part of our fleet."



Above: The two Tadano Demag cranes work together to lift the 34-tonne train

Right: The ATF 400G-6 places a 45-tonne transformer station

Setting Sylt's transformers

Around 1,770 transformer stations are needed to supply Germany's Deutsche Bahn trains with the right voltage. An ATF 400G-6 from Wilhelm Bruns Kranvermietung GmbH is on the job.

The challenge for the company from Lüneburg was to set up lifts for three heavy loads – transformer stations – near Westerland train station more than 300km away, on the island of Sylt.

Wilhelm Bruns has been a loyal Tadano customer for more than 25 years and has virtually the entire range of Tadano all terrain cranes in its fleet.

Working on Sylt, in the North Sea, was new territory for the company. A convoy comprising three ballast wagons as well as the crane itself crossed into Denmark to take the ferry across to the island. The ATF 400G-6 is quick to set up and once on site next to the railway track the 138-tonnes of counterweight were soon in place. Thanks to the skill of the operator, Jan Wiebusch, and the technology of the crane, the lifting operation was smooth.

"Lift Adjuster is the ideal assistant for me," he says. "It ensures a constant working radius. The load does not lurch forward when it is lifted. A transformer station like this weighs a few tonnes. It can be pretty unpleasant if it starts swinging around, especially on Sylt, where it gets windy. Thanks to Lift Adjuster, I was able to concentrate fully on the load without having to constantly check the radius."



Eight fasteners on each transformer station provided extra security with every lift. Each station was set down on the prepared concrete foundations in a single lift. The load per transformer station was 45 tonnes with a 25m radius; the maximum lifting height was 12m, while maximum main boom length was 35m. Neither a boom extension nor the power system were needed.



The mighty CC 6800-1 has a rated lift capacity of 1,250 tonnes

Superior choice

US rental company Superior Cranes has taken delivery of a 1,250-tonne Tadano Demag CC 6800-1 crawler crane.

The CC 6800-1 has a 150-metre main boom and can lift 991 tonnes at a radius of 16 metres. Superior plans to use it in the petrochemical, refining, power plant, infrastructure and wind industries.

Owner Joe Everett says: "Our Demag CC 3800-1 with its 650-tonne capacity was previously the largest crawler in our fleet, so the acquisition of the CC 6800-1 is a significant capacity increase for us. The crane's design, combined with the service and support provided by Demag for our other crawler and all terrain cranes, made purchasing the CC 6800-1 an easy decision."

Established in 1989, Superior Crane has six branches across North and South Carolina.

Three 220-tonners delivered to Colombia



Invertrac, one of Tadano's most important clients in Colombia, has taken delivery of three ATF 220G-5 all terrain cranes.

The deal was agreed before the start of the year and cemented with a handover ceremony in April at the Bauma fair in Germany (pictured above).

The main activity of Invertrac is the provision of logistics and freight transport, as well as the distribution of fuel. It already operates other Tadano equipment, including an ATF 110G-5 and a rough terrain GR-1000XL-2.

The new 220-tonne rated cranes will be used in mining and construction projects.

Invertrac says that it has found that Tadano cranes prove to be more reliable than other makes and are easy to use. The Tadano staff are also always very helpful, it adds. It was this experience that drove the decision to add ATF 220G-5 cranes to the fleet.

CICA brings Australia's industry together



Anthony Grosser

The annual conference of the Crane Industry Council of Australia (CICA) always draws a good crowd of industry professionals, and the 2019 event was no different.

Held this year from 17 to 19 October in Hunter Valley, New South Wales, the event included talks, meetings, product displays and a gala dinner.

Outside the conference hotel, Tadano displayed a Tadano Demag AC 130-5 crane and a Tadano AT-300CG truck-mounted aerial work platform. They attracted plenty of interest from a range of customers.

Inside, among the presentations, Tadano Oceania Managing Director Anthony Grosser spoke to CICA members about Tadano's commitment to continue providing quality support to all customers, both old and new, during the exciting transitional period of Tadano taking in Demag and joining forces.

A dinner to celebrate CICA's 40th anniversary was a highlight for many, with

fancy dress on the theme of Australiana, games and entertainment.

At the more formal gala awards dinner, CICA announced Tadano as the platinum sponsor for the 2020 conference which will be held in Perth. Tadano Oceania Commercial Director Takehiro Kusumoto accepted the handover from this year's platinum sponsor and addressed attendees.





Fulton Hogan takes delivery of New Zealand's first GTC-1200

On 12th August 2019, Tadano delivered the first GTC-1200 into New Zealand to Fulton Hogan, a civil construction company servicing Australia, New Zealand and the South Pacific since 1933.

The 120-tonne telescopic crawler crane will be placed on Fulton Hogan/Taylor's Joint Venture's Waimea Community Dam project.

The NZD\$105.9m project is designed to resolve summer water shortages for the Nelson District and Waimea Plains, at the top of the South Island.

It will exploit the Tadano Mantis to its full potential and showcase the machine's abilities.

The GTC-1200's telematics were among the many highlights for Fulton Hogan when making its decision to purchase. With the remote location of the dam project, Tadano's Hello-net system is useful to monitor the crane and provide remote assistance, if needed.

Tadano Mantis Sales Manager James Land joined NZ distributor Allcrane Sales & Service for the delivery to Fulton Hogan. The customer said that his experience as a Mantis technician and product knowledge provided invaluable training for its own technicians and operators.



Fulton Hogan's new telescopic boom crawler crane is helping to build the Waimea Community Dam, which is the largest dam built in New Zealand for more than 20 years

We spoke with Matthew Loach, structures manager for the Waimea Community Dam, to find out more about the choice of a GTC-1200. *Why Tadano?*

"The Tadano Mantis GTC-1200 ticked all of the boxes for the challenging project requirements and also future-proofed our investment by being an extremely versatile machine that will be used on many more projects to come.

In my opinion, Tadano have a real asset in their product line with this machine. "

What were your specific requirements? What will the crane be used for?

"We looked at the 120-tonne lattice boom and 110-tonne all terrain cranes initially. We decided an all terrain crane would be suitable but not in all conditions. The lattice boom would be great for static applications but very limited when moving on such a steep site. The Mantis gave the

mobility of the all terrain cranes but with the addition of the readiness and lifting of a tracked crawler. The project site is very steep, quite spread out and prone to flooding, so mobility and reach were key. The Mantis covered that. "

How did you find Tadano's customer service?

"Allcrane did a great job in organising the logistics and getting the crane to the dam and we'd like to thank Tadano for providing a product specialist for familiarisation on delivery of the crane."

Open House in Al Khobar



Open House visitors listen to presentations

Tadano and its distributor Saleh & Abdulaziz Abahsain Co., Ltd held an open house in Al Khobar, Saudi Arabia in September.

Approximately 170 customers from across the Middle East participated in event.

Tadano delivered presentations on the GT-750EL, TM-ZX1505HRS and PM Tadano products. The TM-ZX1505 – the biggest model in Tadano’s loader crane family – drew particular attention during both the presentations and the product demonstrations because of its new centralized control panel and radio remote control system.

The Automatic Moment Limiter (AML) that monitors operational safety is fitted as standard. It has a ‘strength monitoring’ function, which makes it impossible to overload the crane, and a ‘stability monitoring’ function, to prevent the vehicle from toppling over. It is a particular feature of loader cranes that vehicle stability changes with the loading and unloading of the truck bed. This crane monitors reaction forces in the stabilizer jacks to ensure that the safe maximum working capacity is never exceeded.



Above: The TM-ZX1505

Below: Tadano crane demonstrations



The unit is loaded with equipment that keeps the operator safe and comfortable, such as a digital display, which shows actual and rated loads, and a central control panel with switches. There is a working height limiter to restrict the maximum boom height for when working under power lines, indoors or in other height-restricted areas. The ‘Hook-In’ system enables the hook block to be stowed away at the flick of a switch. And an anti-twoblock device prevents the boom and hook block coming into contact during winching. The optional remote control uses a large-screen and power-saving color LCD display. It has a feature that can customize speed adjustment for various operations, and has an emergency stop switch in addition to displaying actual load, rated load, and load moment ratio. After this event in Al Khobar, Tadano and Abahsain held a second open house in Jeddah in November.

Key ceremony for Abdullah’s GT-750EL

During the Tadano Open House in Al Khobar in September, a key ceremony was held to mark the delivery of a new GT-750EL truck crane to Abdullah Al-Ahmary Co.

Abdullah, one of Tadano’s most important customers, purchased the crane for work supporting Saudi Aramco gas projects.

The choice of crane was driven by the compact chassis size and strong lifting chart, as well as Tadano’s reliability, with which Abdullah is familiar. Company managers also said that they value the after-sales service that they get from Tadano and its distributor, Saleh & Abdulaziz Abahsain Co., Ltd.

The GT-750EL has 75-tonne rated lifting capacity and a main boom that extends to 47 metres. A two-stage (9.0m/14.3m) under slung jib extends the lifting height to 61.2 metres.

This model has the Smart Chart system that extends the safe working area beyond the traditional lifting circle by calculating the real maximum safe load over the rear side, providing extended corners for lifting.



Mr. Fahd Al-Ahmary, owner of Abdullah Al-Ahmary Co., (right) accepts the key from Abahsain COO Sheikh Abdulmohsen Abahsain. To the left are other representatives from Abahsain and Tadano

S&A Abahsain engineer earns reward for service excellence



An employee of Tadano's distributor in Saudi Arabia, Saleh & Abdulaziz Abahsain Co., Ltd., was rewarded for outstanding performance with a four-day trip to Japan and a tour of Tadano facilities and its group companies in October.

Service engineer Muhammad Sohail was recognised by Tadano's Distributor Assessment Program, conducted jointly by the Service Planning Group and the International Service Group in 2018.

Abahsain achieved excellent results in the program, especially in its contribution to Tadano service activities. It provided reports of delivery and about customers in a timely manner and the high ratio of conducting service works that are ordered by Tadano.

Mr Sohail started his trip by visiting Takamatsu where Tadano's three main factories are located: Shido, Tadotsu and Takamatsu. He also visited the new Kozai factory which has just begun operations.

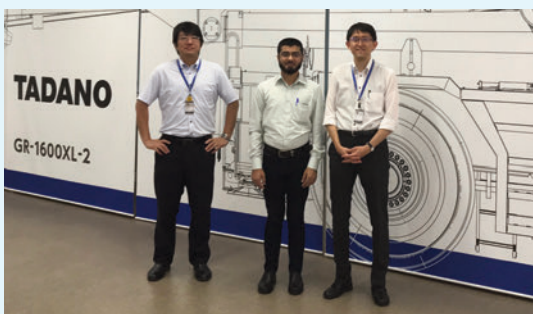
After moving to the eastern side of Japan, he saw the Sakura and Chiba factories, where Tadano mounts truck-loader cranes and self-loading superstructures onto commercial vehicles, and other workshops of Tadano group companies.

At each site he was briefed on operations by factory directors and managers and he raised plenty of questions and exchanged opinions with them.

With the experience of this visit to Japan, he said he would like to follow the examples of activities of Tadano group companies and to introduce what he learned to the Abahsain workshops to help drive continuous improvements in service for customers.

Above: Muhammad Sohail (centre) with his hosts at the Shinkiba plant of Tadano Techno East

Below: The tour included a visit to Tadano's newest factory, in Kozai



300-tonner for speedboat loading

Italian speedboat manufacturer Offshore CN has taken delivery of a 300-tonne Tadano Demag AC 300-6 all terrain crane.

The six-axle AC 300-6 has an 80-metre main boom plus a 21-metre bi-fold extension, with up to 40 degrees of offset and can handle up to 15 tonnes on its fully extended main boom.

The crane was delivered by Italian Demag dealer Tecno-Gru.

Offshore CN builds a range of high-speed luxury boats at its yard in Gaeta, roughly halfway between Naples and Rome. It also offers a range of services including boat charters and winter storage.

Owner Roberto Buonomo said: "To be honest, we were actually thinking about getting a five-axle crane originally. We make top quality speedboats and need the crane primarily for loading. The thing that really sold me on the AC 300-6 is the fact that it can handle a lot of jobs as a taxi crane without an additional setup team, and that the IC-1 Plus control system enables it to tackle lifts that are beyond the reach of any other crane in its class."

Below: Tecno-Gru hands over the keys to Offshore CN



Familiar face returns to Dubai

Mr Yasuaki Kishimoto has returned to the Middle East as the new Managing Director of Tadano ME Lifting Equipment Trading LLC.

This new company was established recently to provide sales and service of Tadano and Demag products in the Middle East. Mr Kishimoto has previously spent five years as Service Manager in Dubai before moving back to Japan and switching from the service side to sales. Having acquired broad experience in both service and

sales, he then served Tadano and its customers in Brazil for seven years.

Now he is in Dubai again, a market he already knows well and where he is a familiar friendly face to customers.



Distributor focus

Our presence around the globe

Shing Fung: Hong Kong

Shing Fung Engineering & Equipment Ltd (Shing Fung) was established in 2010 to lease and sell construction machinery, mainly specializing in aerial work platforms.

Shing Fung is a member of the Shing Fung Group (SFG), which was founded in 1974 by Mr. Wu Mok Fung. Shing means 'success' in Chinese; Fung means 'abundant' – as well as being the founder's name.

SFG operates a 600,000 sq ft movie studio, properties and rental fleet with over 100 special purpose vehicles in Hong Kong. SFG also owns hotels, industrial parks and automotive businesses in the USA and China.

Shing Fung's engagement with Tadano began with the purchase of a second-hand AT-155CG aerial platform. Shing Fung was amazed by the quality of the machinery, and its reliability.

"Almost 90% of the truck-mounted aerial platforms in the Hong Kong rental market are used machines of more than 20 years old," says Mr. Ed Wu, the third generation in the company. "This trend needs to be changed and we believe high quality equipment brings improved safety, which contributes to a better society. Tadano is what the Hong Kong market needs."

In 2015, Shing Fung introduced the first new AT-255CG platform to Hong Kong. In 2017, Shing Fung became an official distributor of Tadano for Hong Kong, and launched the AT-CG series with an open day event. The first new AT-200S was delivered to Kum Shing Group for Hong Kong highway and tunnel maintenance in 2018. The high loading capacity of the AT-200S is unique for the Hong Kong market and more units are destined to arrive there in the coming years.

Shing Fung's mission is to bring Tadano's core values of Safety, Quality and Efficiency (SQ&E) into the local industry. In 2019 a new workshop was set up for servicing Tadano aerial work platforms. The focus for 2020 is to create Hong Kong's first dedicated training centre for the operation and maintenance of truck-mounted platforms.



Kindwind Wu, CEO of Shing Fung



Fairs & Events

Where to meet Tadano around the world

- ◆ **CONEXPO-CON/AGG**
10-14 March 2020 Las Vegas, Nevada, USA
www.conexpoconagg.com
- ◆ **Specialized Carriers & Rigging Association (SC&RA) Annual Conference**
14-18 April 2020 Amelia Island, Florida, USA
www.scranet.org
- ◆ **Vertikal Days**
13-14 May 2020 Donnington Park, UK
vertikaldays.net
- ◆ **bauma CTT RUSSIA**
26-29 May 2020 Moscow, Russia
bauma-ctt.ru
- ◆ **Specialized Carriers & Rigging Association (SC&RA) Crane & Rigging Workshop**
16-18 September Dallas, Texas, USA
www.scranet.org
- ◆ **Crane Industry Council of Australia (CICA)**
21-23 October 2020 Perth, Australia
conference.cica.com.au
- ◆ **bauma CONEXPO INDIA**
3-6 November 2020 New Delhi, India
www.bcindia.com

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