



Crane Day celebrations



Fireworks marked the unveiling of the ATF 600G-8 with the new Tadano Triple-Boom System

There were more than a thousand guests to witness the global unveiling of the innovative ATF 600G-8 on the evening on Friday 12th June at the Nuremberg Fair.

Festivities were inaugurated by Tadano president Koichi Tadano (*pictured right*) and chairman of the management board Alexander Knecht.

After a spectacular multimedia presentation, the ATF 600G-8 was unveiled, accompanied by a suitably spectacular firework display.

The following day saw 1,300 guests arrive at the Tadano Faun factory in nearby Lauf to see the new crane demonstrated on the testbed alongside other members of the Tadano product range.

Crane Day festivities continued into a third day and Sunday was Family Day. Almost 3,000 people, including friends and family of staff, had the opportunity to see around the factory and the recently renovated administrative building. For those with a head for heights, a lifting platform offered a bird's eye view from 102 metres up.

Children's activities included a crane course in which a bed of nails was suspended on a crane hook to burst balloons that were fastened to the ground.



The Crane Day event offered an opportunity to show off many Tadano innovations, including the revised models ATF 220G-5, ATF 180G-5, ATF 100G-4 and ATF 70G-4. Thanks to new engines compliant with the Euro IV/Tier 4 Final emission standards and other new features, this new crane generation is even more reliable and economically efficient for crane hire companies.

Further demonstrations illustrated the advantages of the Lift Adjuster system and the dual-engine concept. Another innovation that is now a standard feature on all cranes is the asymmetrical outrigger width monitoring device, which was also presented live.

However, the star turn was the new eight-axle all terrain crane. The data sheet shows that it has a maximum lifting capacity of 600 tonnes, a maximum sheave height of 146 metres with extensions and a maximum lifting radius of 104 metres. More remarkable than its lifting performance is its ease of use, thanks to its new Triple-Boom System designed by the Tadano engineering team at Lauf in Germany. Where other cranes of this size rely on complex rope-based rigging systems to support the boom, the ATF 600G-8 is entirely self-contained.



Celebrations for manufacturing landmark

A thousand GR-1000XL / 800EX cranes are now at work all around the world

Production of large Tadano rough terrain cranes has reached a landmark with the shipping of the 1,000th unit of the GR-1000XL / 800EX four years after its launch.

Production of the GR-800EX, as it is called in global markets (and GR-1000XL in North America), began in 2011 but was soon set back by the great Tohoku earthquake, which cut off much of the supply chain for Tadano and its suppliers and resulted in a temporary shut-down of the assembly line. With promised delivery dates unable to be met, the GR-1000XL/800EX had a somewhat chaotic introduction to the market but it soon came charging to prominence.

It quickly established a reputation for reliability, quality and environmentally friendly performance. It proved especially popular in markets where harsh environmental circumstances make it difficult to replace cranes that break down, so reliability is most prized. Demand was driven by the energy sector in North America, the Middle East and Russia and by the mining industries of South America, Australia and South Africa.

Despite huge fluctuations in the exchange rate of the Japanese yen, which has often stifled exports from Japan, sales of the GR-1000XL/800EX remained high. After the yen softened and exchange rates stabilized, production accelerated. The 1,000th unit was shipped to Tadano America Corporation in Houston, Texas just four years after production first began. This is a full year ahead of Tadano's initial projections for this model.

To celebrate this landmark, a ceremony was held. President and CEO Koichi Tadano gave a speech that began by looking back. "The Great East Japan Earthquake cut off Tadano's supply chain," he recalled. "However, our customers were relying on us from far away overseas and waiting for the delivery of our products, while our employees worked extra-hard to respond to the demands of those customers. Both have overcome that crisis to arrive at this day of commemoration."

After the speech, a traditional Japanese ceremony was held to pray for continuing product safety and success and the 1,000th machine set off on its way to the USA with a ribbon-cutting performed by the company officers of Tadano and staff from Research & Development and the Production Division directly in charge of this model. Many Tadano employees gathered to cheer the departure of the 1,000th machine.



As the 1,000th GR-1000XL / 800EX left the Shido plant, it was sent off to the USA in great style by Tadano staff including, right, President and CEO Koichi Tadano



Tadano at the M&T Expo



Tadano recorded several hundred visitors to its booth at the M&T Expo, where a recently sold ATF220G-5 was displayed. M&T Expo was held from 9th to 13th June in Sao Paulo, Brazil. It is the largest construction machinery exhibition in Latin America and attracted 478 exhibitors and 45,755 visitors from 25 countries. Photo shows the Tadano team at the fair.

Italthai celebrates 60th anniversary

Italthai Group, Tadano's distributor in Thailand, held an 'Italthai Expo' at the Bangkok International Trade & Exhibition Centre to celebrate the group's 60th anniversary on 28th April 2015.

At the same time it is also 30 years since Italthai began representing Tadano.

To mark both anniversaries, Tadano executive officer Shinichi Iimura congratulated Italthai Group chief executive Yuthachai Charanachitta and presented him with a gift.

Italthai has made a great contribution to Tadano crane sales and after-sales support since becoming the distributor in 1985. It has sold more than 160 mobile cranes, as well as more than 600 loader cranes in the past 10 years. Thanks to Italthai, Tadano has acquired more than 60% market share of rough terrain crane in Thailand in recent years, and it is pushing across the ASEAN market.

Mr Yuthachai said: "Italthai has built a good relationship with Tadano as business partner over 30 years and Tadano is one of the most popular brands in Thailand. We have a long-term view of sales and after service for promoting the Tadano brand. We aim to grow Italthai and Tadano together in the Thai market so that our partnership continues for the next 30 years, 60 years and more."

In his speech at the anniversary event, Mr Yuthachai spoke about group's five-year plan, which is targeting to double revenue to 26 billion Thai Baht (approximately US\$ 770m) by 2019. Reaching this goal will be helped by Italthai's newly established equipment rental service for customers, he said.

More than 30 heavy construction machines were displayed at the Italthai Expo, including Tadano cranes. More than 1,000 invited guests from 500 companies were there.



Italthai Expo



Italthai CEO and President Yuthachai Charanachitta makes a speech at Italthai Expo



Above from left to right are: Hidetoshi Iga, president of Tadano Thai Parts & Service Co Ltd; Somkieat Jiviriyawat, assistant vice president of Italthai; Yuthachai Charanachitta, president and CEO of Italthai; Shinichi Iimura, executive officer of Tadano; Hisashi Miyazaki, president of Tadano Asia Pte Ltd; and Kozo Yoshida, president of Tadano (Thailand) Co Ltd.

First GR-500EXL goes to Hong Kong

The first GR-500EXL rough terrain crane has been shipped to Kanson Crane Service, the largest crane rental company in Hong Kong.

The GR-500EXL has a rated capacity of 51 tonnes and a 42-metre boom. It is available in right-hand drive and left-hand drive versions. Kanson has bought three units of the right-hand drive version.

Kanson is renewing its fleet to remain at the forefront of the latest safety and environmental standards.

Kanson director Nelson CK Kan said: "We selected this model due to its lifting capacity, long boom, right-hand drive with leaf suspension and continuous road traveling. But the most important reason is the quality and reliability of the crane and the service offered by Tadano."



Nelson Kan (third from left) is congratulated by Tadano executive officer Shinichi Iimura

New president for Tadano Thailand



Mr Kozo Yoshida has been appointed president of Tadano (Thailand) Co Ltd.

He took up his new position on 1st March 2015. Mr Yoshida was previously general manager, planning and administration division, responsible for Tadano (Thailand).



Crane Day sees Triple-Boom innovation

(continued from page 1)

No other eight-axle mobile crane gets to site and sets up as quickly and simply as the new Tadano ATF 600G-8. And because it has no back mast it has a much smaller tail swing than other cranes of this class

Unlike a conventional telescopic boom, the Tadano Triple-Boom System consists of not one but three telescopic tubes. Parallel to the main boom are two Power Tubes that provide flexural and torsional stiffness.

Total weight of the boom system is no different from what it would be with a single main boom and mast system. The same amount of steel is just distributed between three tubes instead of one. Keeping weight down was, as always, a key issue for the design team to keep gross vehicle weight below 12 tonnes per axle in road mode. This has been achieved with no compromise to lifting power.

Not only does Triple-Boom have the advantage of torsional strength over rope-guyed single booms but it also makes the ATF 600G-8 the quickest heavy-lift crane on the market when it comes to mobilising and setting up.

It is quick to get to site: with no boom suspension system to transport, all equipment can be delivered on just six trailers. Once on site it is quick to set up as there is no boom suspension system to rig. In addition, its 6.95-metre tail swing is roughly half that of other eight-axle cranes,



so it can be used on sites other cranes cannot fit into.

Alexander Knecht says that although the Triple-Boom concept is new, it is founded on well-proven technology. He says: "What do our customers value most about Tadano? The answer is almost always the same: reliability. We achieve this by avoiding the use of overly complex systems in the construction of our cranes. That certainly applies to the ATF 600G-8. Its Triple-Boom System may be revolutionary but in essence we have drawn upon proven technologies from the Tadano stable. This means you can look forward to a highly reliable, functional system which is just as easy to operate as our previous ones."

For example, the telescoping and boom pinning system is not new. The separate telescopes in the new Triple-Boom System are extended and retracted using the familiar Tadano one-cylinder system.

The way the telescopes are pinned together is also in principle the same as in other Tadano models, except that the telescopes of all three tubes are now bolted together instead of just one. But to ensure that the new boom system would be reliable, the designers decided from the outset not to have the three tubes bolted simultaneously; instead the Power Tubes are now pinned first, and then the main tube.

"This way we can make the system even more stable than it would be if bolted simultaneously," explains Andreas Hofmann, project manager for the new Tadano eight-axle crane.

ATF 600G-8 in numbers
600 tonnes lift capacity
15.2m - 56m main boom
24m - 90m boom extensions
146m max sheave height
104m max radius
Two engines
Eight axles



Cheers mate! Ringing endorsement from impressed Australian owners

Boddington Crane Hire is based in Port Kennedy, a little south of Perth, on the west coast of Australia.

Boddington has a diverse crane fleet that includes two Tadano GR-1450EX. With a capacity of 145 tonnes, this is the largest rough terrain crane on the market.

Assistant manager Tom Hunter says: "Our crane of choice is Tadano. This is a brand that's reliable and is a great workhorse on the job site. Every unit in our rough terrain fleet is a Tadano. 100% Tadano!

"Our latest acquisition is the Tadano GR-1450EX. We took the first unit that Tadano Oceania landed in Australia. We kept getting calls from our customers for bigger roughies, so there was no question that we were going to go bigger with the GR-1450EX. We had no hesitation in putting it into the Boddington Crane Hire fleet.

"It is compact, has all wheel steering and a great load chart. It's the perfect crane for plant construction and general maintenance. We can send this crane to remote locations across Australia, confident that it will perform brilliantly, because it's a Tadano."

Tom Hunter continues: "One is currently being used by a valued client of ours, UGL. They are using



Boddington's new GR-1450EX and, above right, the Boddington team of (from left) Walter Perndorfer, Lesley Doyle, Tom Hunter, Charlie Hunter and Joy Hunter



this on the Inpex Ichthys LNG [liquefied natural gas] project in Darwin. The feedback we have got from them has been very positive."

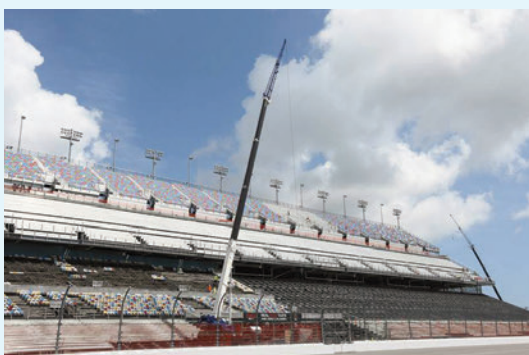
Particular benefits are the ability of the crane to get into tight spots and still offer excellent radius and reach, thanks to its 60-metre boom length, he says. It is also good that no low loaders needed for moving counterweights, which in turn equates to less man hours for mobilisation and demobilisation.

"Overall everyone we have talked to has been extremely impressed with the crane. It is something new in Australia to have such a large rough terrain crane but we are hoping more people become aware of the crane and its capabilities. We are very happy with this model as we are with all the Tadano products in our fleet."



Sims Crane & Equipment describes itself as 'Florida's premier crane rental and heavy lift equipment provider'. The company has recently been working

at the Daytona International Speedway motor sports racetrack at Daytona Beach, Florida. We caught up with crane operator Jeff May, who has been behind the controls of a 55-tonne capacity Tadano GR-550XL on this project.



Q&A at the Daytona race track

Tadano Global News: *What was the job at Daytona International Speedway?*

Jeff May: We needed to remove the old bleachers [seats] so new ones could be put in. For each lift, we rigged a section of the wooden steps and used a chainsaw to cut it loose. Then that section was lifted straight up and set down beside an excavator so it could be dismantled. Each one weighed anywhere from 1500 to 4000 pounds (680 to 1800 kg).

TGN: *What do you think of the GR-550XL, now you've been using it for a year?*

JM: The GR-550XL that I use was brand new when it came to the job site. There is also another one on site that is a couple years old. Overall, these cranes are very smooth and they have a lot of features that I like. There wasn't much of a learning curve besides looking up a few things in the manual.

TGN: *What specific features do you appreciate?*

JM: I really like that you can control all the outriggers with one button. The cab is roomy, with room for storage behind the seat for my cooler. Two small things that make a difference for me are a window up button at ground level and the horn. When I blow that horn, everybody knows it!

TGN: *What has erecting this crane been like?*

JM: The way the jib is erected and pinned is great. There is no need to get on a ladder and swing a hammer. I've run four or five different crane brands and I have found Tadano to be the easiest, the most user-friendly and the safest.

Distributor focus

Our partners around the globe

Al-Babtain: Kuwait

Abdulmohsen Abdulaziz Al-Babtain was founded in 1948 – just like Tadano!

Al-Babtain is a trading company with its headquarters in Safat, Kuwait and today represents some of the world's leading automotive corporations, including Nissan, Citroen and Renault, as well as Dacia, China Motors Corporation (CMC) and Jiangling Motors Company (JMC). It is Nissan's second-oldest overseas distributor.

As well as its automotive interests, Al-Babtain also has interests in information technology, finance and manufacturing. It owns the Kuwait Paint Company and has investments in property and tourism, with hotels in the Egyptian resort of Sharm El-Sheikh, for example.

The company's strategy is to create partnerships with leading players in their field, therefore Tadano for cranes.

Seven members of the Al-Babtain family make up the group board of directors, headed by the chairman, Khaled Abdulmohsen Al-Babtain. He says that "excellence is not a destination but a never ending journey".

He makes sure that the company prioritises customer service. "Our customers are the lifeblood of our business," he says. "And only by satisfying them first do we have the opportunity to satisfy the needs of our other stakeholders."

Al-Babtain's chief operating officer is Mohammed Shalaby. He says that the company's technicians are all factory trained to offer full customer support to its customers. Al-Babtain's quality systems have been independently certified as meeting the ISO 9001:2008 standard.

Kuwait's open economy and strategic location at the north of the Persian Gulf, bordering Saudi Arabia and Iraq, make it a significant commercial hub in the region. Despite the recent decline in oil prices Kuwait, along with the rest of the Middle East, remains a significant and important market for Tadano. Just last year, for example, one Kuwaiti customer alone – Integrated Logistics – bought 25 units of the first GR-800EX rough terrain cranes in the country, along with 20 of the 50-tonne GR-500EX rough terrain and a pair of 60-tonne GT-600EX truck cranes.



The Al-Babtain board and, below, its logo



New address for Tadano Beijing office



TADANO (Beijing) Ltd has relocated to new offices.

The new address is:
Room 1902,
No.302 Huateng Mansion,
Jinsong 3 District Chaoyang,
Beijing, China

Fairs & Events

Where to meet Tadano around the world

- ♦ **Crane Industry Council of Australia annual conference**
2-4 September 2015 Perth, Australia
conference.cica.com.au
- ♦ **Conexpo Latin America**
21-24 October 2015 Santiago, Chile
www.conexpolatinamerica.com
- ♦ **Tokyo Motor Show**
29 Oct - 8 November 2015 Tokyo, Japan
www.tokyo-motorshow.com/en
- ♦ **Excon India**
25-29 November 2015 Bengaluru, India
www.excon.in
- ♦ **Bauma**
11-17 April 2016 Munich, Germany
www.bauma.de

Model news: GR-1600XL/GR-1450EX



The official collectors' model of the GR-1600XL/GR-1450EX Tadano rough terrain crane is now available.

The scale model reproduces the crane's six-section long boom and two-stage bi-fold hydraulic offset jib as well as its tiltable cab, three-axle/four steering modes. It comes with removable counterweights, and removable front and rear outriggers. Also included are the 100 tonne, 45 tonne and 7.2 tonne hooks.

Ask your Tadano's sales representative for details.

Tadano worldwide

TADANO Ltd International HQ (Japan)

phone: +81 3 3621 7750
email: info@tadano.com

www.tadano.com

TADANO America Corporation (USA)

phone: +1 281 869 0030
email: tac.sales@tadano.com

www.tadanoamerica.com

TADANO MANTIS Corporation (USA)

phone: +1 615 794 4556
email: sales@mantiscranes.com

www.mantiscranes.com

TADANO FAUN GmbH (Germany)

phone: +49 9 123 1850
email: info@tadanofaun.de

www.tadanofaun.de

BQ TADANO Ltd (Beijing) Crane Co Ltd

phone: +86 10 8949 8703
email: sales@bq-tadano.com

www.bq-tadano.com

TADANO Asia Pte Ltd (Singapore)

phone: +65 6863 6901
email: tdn-crane@tadanoasia.com

asia.tadano.com

TADANO Oceania Pty Ltd (Australia)

phone: +61 7 3120 8750
email: info@tadano.com.au

au.tadano.com

TADANO Ltd Middle East Office (Dubai)

phone: +971 4 887 1353
email: tadano@tadano.ae

TADANO Korea Co Ltd

phone: +82 2 714 1600
email: tadano@korea.com

TADANO (Beijing) Ltd (China)

phone: +86 10 5190 9026
email: beijing@tadano.co.jp

Taiwan TADANO Ltd (Taiwan)

phone: +886 2 2754 0252
email: tadano@ms18.hinet.net

TADANO Panama SA

phone: +507 209 5787
email: sales@tadano-cranes.com

TADANO Brasil Equipa. de Elevacao Ltda

phone: +55 11 4772 0222
e-mail: sales.tbl@tadano.com

TADANO India Pvt Ltd

phone: +91 80 4093 1566
e-mail: info.india@tadano.com

TADANO (Thailand) Co Ltd

phone: +66 33 010 939