TADANO

Welcome…..

Tadano America Corporation offers a comprehensive training program for our global rough terrain series and all-terrain series cranes. Our different levels of training will assist technicians to understand and recognize the differences between the progressive generations of technology found on our cranes.

All levels of our training program will include machine familiarization, proper safety, crane set-up and machine operation, maintenance, diagnostic procedures and systems fault analysis to include, but not limited to electrical, electronics and hydraulic components.

Each course focus is on reinforcing the technician's knowledge to advance them to the next level. Course assessments will help technicians discover their strengths, weaknesses and identify areas for improvement.

Our Mission;
To offer our students, the most complete crane training in our industry.

To provide consistent, structured, and accurate World class training to our Distributors, Customers and Team members.

To ensure globally, progressive learning and understanding of Tadano Cranes to properly operate, maintain and troubleshoot our customers' investment.

SCAN ME

TADANO America Corporation
4242 West Greens Road, Houston, TX 77066.

2025

12/24

Contents

Page

TADANO

TAC-GRT101   *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

Our first level will introduce students to the Tadano rough terrain crane series TR XL-3 and XL-4. Students will obtain a practical understanding of the rough terrain crane carrier and superstructure main components, operation, crane capabilities, outriggers operations, crane control operations, pre-sets, recovery mode, jib erection, component locations, harness locations, modules, manuals and literature review for safety operations. We will also cover and review the AML evolution, functions, capabilities, operational understanding as well as help troubleshoot the MDT and machine systems. Students will also have the opportunity to review the service manual, understand the structure, learn how to find specific information, TADANO rough terrain technical nomenclature and receive an introduction to electrical, hydraulic and pneumatics schematics.

TAC-GRT201   *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

This course will focus on enhancing the technicians ability to diagnose and troubleshoot using our AML-C and the machine schematics for XL-2 and XL-3. The student will obtain clear information for completing accurate and practical diagnostic and troubleshooting on the main crane systems. This course covers detailed technical information of TADANO GR series, VCU and DCU operations, AML functions , advanced diagnostics, DI, AI, DO, AO, electric and hydraulic schematics for carrier and superstructure, steering & axle section, brake systems, engine, transmission and SCR system.

TAC-GRT301   *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

Through this course the student will have the opportunity to learn in detail about the TADANO GR XL-4 series latest technology to include crane set-up, functions and variations vs. other GR series products, AML-E, removable outrigger boxes, pining boom, counterweight, Cummins engine and SCR system, advanced electrical and hydraulic schematics with machine troubleshooting using the classroom machine concept. The student will benefit from learning theory while experiencing practical crane logic in real troubleshooting situations. This course is an advanced technical training from TADANO America Corporation for students with advanced technical skills.

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3

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TAC-ATT101   *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

Our first level will introduce students to the first generation of TADANO all-terrain cranes. These cranes used traditional carrier systems and circuits, for example: steering, suspension and outrigger controls. We will also cover operational understanding to help troubleshoot these systems. Superstructure coverage will include the use of schematics for operational aspects, hydraulic, electrical and pneumatic training. We will help technicians understand our first-generation of single-cylinder telescoping systems which is controlled by the P.A.T. operating system. We review and understand the complete LMI system to help minimize down time.

TAC-ATT201   *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

The second level course will build on the technicians' knowledge from the previous course.
This generation of machines will introduce the technicians to our first CAN bus carrier with a complete understanding of steering, suspension and outrigger systems for troubleshooting and diagnostics. Students will also receive an understanding of troubleshooting and diagnostics of our superstructure systems including hydraulic, electrical and our AML-B operating system. We will also cover in depth the telescoping systems which are controlled by our AML-B for this generation of cranes.

TAC-ATT301   *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

This third level will introduce the technician to our latest crane technology. These machines have a complete CAN bus system from carrier to superstructure. We will help technicians to understand machine systems to include safety protocol, operation, set-up as well as troubleshooting hydraulics, electrical, and pneumatics. We will also cover carrier and superstructure AML-F controls, additional operation options, emergency systems and component options.

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4

"AC" Series (Demag All Terrain)

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TAC-ACT101 *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

This course will help your technicians to completely understand the earlier generation of IC-1 on all terrain cranes. Beginning with the component layout of the carrier, all machine systems are covered in detail pneumatically, hydraulically and electrically: steering, suspension, outriggers, lower cabin controls engine and transmission. Then we move to the superstructure starting with the component layout. From there we start with the cabin and controls, engine, counterweight system, swing, hoists, boom (luffing, telescoping, pinning & locking), LMI setup and attachments. These will give the student an in-depth understanding of all systems on the IC-1 all terrain cranes.

TAC-ACT201 *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

The second level course will build on the technicians' knowledge from the previous course.
This generation of machines will introduce the technicians to our first multi component operating systems with a complete understanding of steering, suspension and outrigger systems for troubleshooting and diagnostics. Students will also receive an understanding of troubleshooting and diagnostics of our superstructure systems including hydraulic, electrical and our improved IC-1 operating system. We will also cover in depth the telescoping systems which are controlled by our IC-1 operating system for this generation of cranes.

TAC-ACT301 *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

This third level will introduce the technician to our latest crane technology. This generation of machines have totally incorporated the Actia control systems for a complete CAN bus network from carrier to superstructure. We will help technicians to understand machine systems to include safety protocol, operation, set-up as well as troubleshooting hydraulics, electrical, and pneumatics. We will also cover carrier and superstructure Actia controls, IC-1 plus features, additional operation options, emergency systems and component locations and options.

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5

"GTC" Series (Tele Boom Crawler)

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TAC-GTCGEN   *Laptop Required*
Location: Houston, TX.
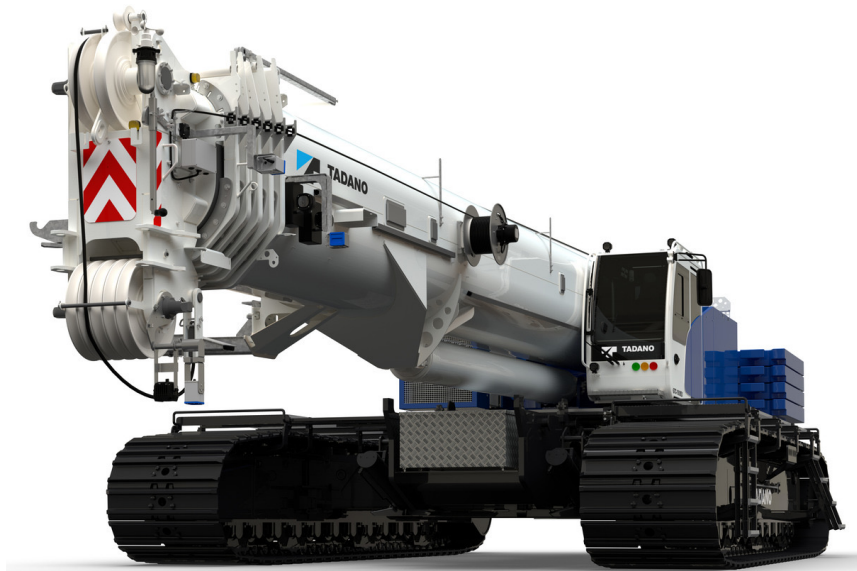*Price: $1800/PP*
Maximum Class Size: 16

This course will focus on enhancing the technicians ability to diagnose and troubleshoot using our AML-C, MD3, and the machine schematics for GTC 350 through GTC 1300 cranes. The student will obtain clear information for completing accurate and practical diagnostic and troubleshooting on the crane systems. This course covers detailed technical information of TADANO GTC series, MD3 IQAN system operations, AML functions , advanced diagnostics, DI, AI, DO, AO, electric and hydraulic schematics for Upper and Carbody, track/ travel section, engine, hydraulic systems, and SCR system.

COMING SOON!

TAC-TBT101: Focusing on Legacy Machines

TAC-TBT201: Focusing on GTC350-GTC1300 with AML-C & MD3

TAC-TBT301: Focusing on the latest technology with IC-1

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6

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TAC-GTT101   *Laptop Required*
Location: Houston, TX.
Price: $1800/PP
Maximum Class Size: 16

Through this course the student will have the opportunity to learn in detail about the TADANO GT XL-2 series latest technology to include crane set-up, functions and variations, AML-E, pining boom, counterweight, Cummins engine and SCR system, advanced electrical and hydraulic schematics with machine troubleshooting using the classroom machine concept. The student will benefit from learning theory while experiencing practical crane logic in real troubleshooting situations. This course is a technical training from TADANO America Corporation for students with advanced technical skills.

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7

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Scope

We offer the most comprehensive and complete training at your location because the training content is customized to your immediate needs. Our instructors and developers will bring a different type of training to your students. Allowing students to understand our products at a much easier and faster pace because the content will be based on your machines.

Training at your location can either be Factory based course, Machine specific operator or technician.

Content

On-site Factory courses *(*Laptop required)*

Level courses can be brought to your site. These courses are the same as what is provided at Tadano America Corporation. Each student must have a laptop and machine must be available. *Courses are generally 4 ½ days based on number of students.* **Maximum Class Size: 10 students**

On-site Machine specific *(*Laptop required)*

Operators: We offer a customized operator orientation course based on your machine or machines. This course will help familiarize your operators with safety protocol, proper crane set-up, operation aspects, LMI understanding and functionality, telescope control and technical appreciation.
Courses are generally 4 ½ days based on number of students. **Maximum Class Size: 10 students**

Technicians: We offer a customized technicians course based on your machine or machines. This course will help familiarize your technician with safety protocol, proper crane set-up, troubleshooting and diagnosing circuits and systems of hydraulics, electrical, pneumatic, and LMI's.
Courses are generally 4 ½ days based on number of students. **Maximum Class Size: 10 students**

Training Cost

The cost of the course would be $1,100.00 a day plus all instructor's travel expenses (airfare, lodging, meals and ground transportation). A better understanding of the training cost can be obtained once we have received your confirmation.

Development Time

Depending on the complexity of the machine, the number of the machines and whether it would be operator or technician training, the development time could be as many as 8-10 weeks. Once we have determined your needs and have looked at our schedule, we would be able to give you a better idea of the development time.

Confirmation

Once we have received your payment information (purchase order number or credit card) we will give you a better idea of the training cost and possible training dates.

2025

* Laptop Requirements; *(Windows based laptops with Adobe Acrobat Reader must be provided for each student)*

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8

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Registrations: Students must be registered with correct information and means of payment.
ALL REGISTRATION FIELDS MUST BE FILLED OUT COMPLETELY.

Refunds: No refunds will be issued if a student cannot attend a course, although the customer will hold a credit towards any future course. Any non-attendance credit not used within twelve (12) months of the originally scheduled course will be forfeited.

Payments:
Customers with an active TAC account: A customer with an active account with TAC may use their Account Number and Purchase Order number to pay for training courses. Both numbers must be supplied on the registration form.
Customers without a TAC account: A customer without a TAC account can pay with a Credit Card. If using a credit card, you will be sent a link to pay for the course.
ALL CREDIT CARD PAYMENTS MUST BE RECEIVED BEFORE THE COURSE START DATE.

Visitors: TADANO America Corporation requires proper working clothes and safety toe shoes. Other PPE such as Hard Hat, Safety Glasses, Gloves , Fall Restraint Harness will be provided by TAC. All students must comply with TAC's COVID-19 protocols.

Class Cancellations:
I. - TADANO America Corporation reserves the right to cancel or reschedule any course at anytime in case of extraordinary circumstances beyond TAC's control that make the training session impossible, illegal, or otherwise inadvisable . In this case students will have to be rescheduled by the customer (No refunds for travel fees, lodging, credit card charges or any other charges associated with attending the training course). See refund policy.
II. - TADANO America Corporation reserves the right to cancel any course 15 days in advance of the class schedule date if a minimum number of registered of students have not been met.
Minimum class: 4 Students. In this case registered students will be accommodated in the next available course subject to customer approval.
III. - TADANO America Corporation will fully charge instructor expenses for a scheduled on-site training course if advance notice is not received 3 days prior to the scheduled travel date.

Special Arrangements: Customer may request special arrangements for any registered student no less than 72 hours prior to the student's arrival to TAC. If any other special arrangements to accommodate disabilities or other special needs are required in order to get the full benefit of the course, please make such request no less than fifteen (15) days in advance of the course.

2025

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9

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Travel Information

TADANO America Corporation: Is located in 4242 West Greens Road, Houston, TX, 77066.
Contact: Tel: 1-281-869-0030   **Email:** tac.training@tadano.com

Airport: Houston George Bush Intercontinental (IAH) (Suggested) or William P. Hobby (HOU).

Hotels: There are plenty of hotel options within minutes of TAC Headquarters. We recommend the following areas: Willowbrook Area & 249, North I 45 out of Beltway 8 Loop, IAH Airport Area.

Hotel Suggestion: **Homewood Suites** at Willowbrook, 7655 West FM 1960, Houston, TX 77070, Tel: +1-281-955-5200

2025

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10