A TEREX BRAND

Operator's Manual

	Serial number range
2500kg FIXED HOOK on PLATE	From s/n: FXHKCDL15B-1001
5000kg FIXED HOOK on PLATE	From s/n: FXHOOKDL15B-1001
4000mm/900kg Mech JIB	From s/n: MJ4/9DL15B-1001
4000mm/900kg Hyd JIB	From s/n: HYJ4/9DL15B-1001
2000mm/2000kg Mech JIB	From s/n: MJ2/2DL15B-1001
4000kg WINCH	From s/n: HYW4DL15B-1001
5000kg WINCH	From s/n: HYW5DL15B-1001

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Introduction

About This Manual

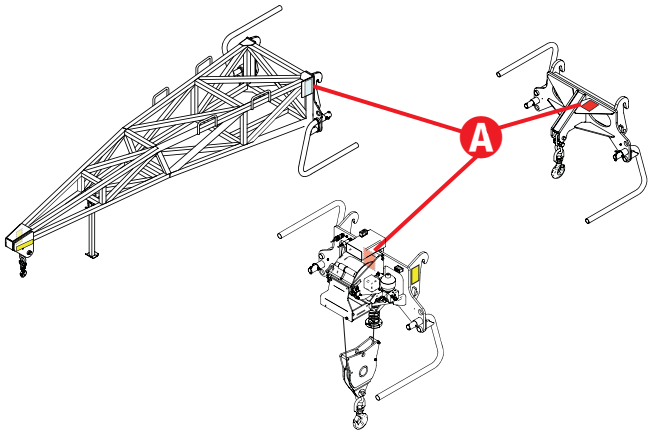
Genie appreciates your choice of our machine for your application. Our number one priority is user safety, which is best achieved by our joint efforts.
This book is an operation and daily maintenance manual for the user or operator of a Genie machine.

This manual should be considered a permanent part of your machine and should remain with the machine at all times. If you have any questions, contact Genie.

In this manual, the term "machine" can be referred to both the attachment or the truck, according to the context.
This manual shall be used in conjunction with the user manual of the telehandler.

Product Identification

The attachment serial number is located on the serial label.



- *2500kg Fixed Hook on Plate 59.0700.9012GT*
- *5000kg Fixed Hook on Plate 59.0700.9013GT*
- *4000mm/900kg Hydraulic Jib 59.0802.3029GT*
- *4000mm/900kg Mech. Jib 59.0802.3028GT*
- *2000mm/2000kg Mech. Jib 59.0802.3027GT*
- *4000kg Winch 59.0901.9015GT*
- *5000kg Winch 59.0901.9008GT*

Intended Use

The winch, the jib and the hook on plate are designed to vertically lift and lower loads by the means of slings, cable, ropes or chains.

Use of this product in any other way is prohibited and contrary to its intended use.

Introduction

Bulletin Distribution and Compliance

Safety of product users is of paramount importance to Genie. Various bulletins are used by Genie to communicate important safety and product information to dealers and machine owners.

The information contained in the bulletins is tied to specific machines using the machine model and serial number.

Distribution of bulletins is based on the most current owner on record along with their associated dealer, so it is important to register your machine and keep your contact information up to date.

To ensure safety of personnel and the reliable continued operation of your machine, be sure to comply with the action indicated in a respective bulletin.

Contacting the Manufacturer

At times it may be necessary to contact Genie.

When you do, be ready to supply the model number and serial number of your machine, along with your name and contact information. At minimum, Genie should be contacted for:

- Accident reporting
- Questions regarding product applications and safety
- Standards and regulatory compliance information
- Current owner updates, such as changes in machine ownership or changes in your contact information. See Transfer of Ownership, below.

Transfer of Machine Ownership

Taking a few minutes to update owner information will ensure that you receive important safety, maintenance and operating information that applies to your machine.

Please register your machine by visiting us on the web at www.genielift.co.uk.

Introduction



Danger

Failure to obey the instructions and safety rules in this manual will result in death or serious injury.

Do Not Operate Unless:

☑ You learn and practice the principles of safe attachment operation contained in this operator's manual.
1. Avoid hazardous situations.
Know and understand the safety rules before going on to the next section.
2. Always perform a pre-operation inspection.
3. Always perform function tests prior to use.
4. Inspect the workplace.
5. Only use the machine as it was intended.

☑ You read, understand and obey the manufacturer's instructions and the safety rules, the safety and operator's manuals, and the decals applied on the machine.
☑ You read, understand and obey the employer's safety rules and work-site regulations.
☑ You read, understand and obey all applicable governmental regulations.
☑ You are properly trained to safely operate the machine.

Introduction

Hazard Classification



Safety alert symbol - used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death

DANGER Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE Indicates a property damage message.

Standards

The following standards and/or regulations apply to this machine:

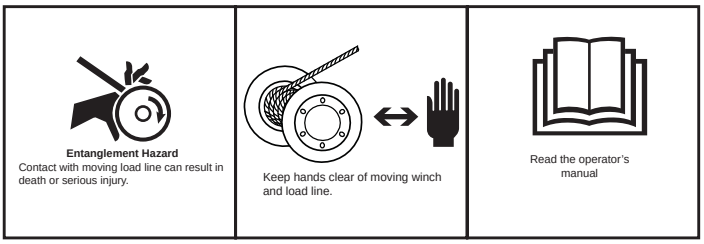
Directive

2006/42/EC Machinery Directive

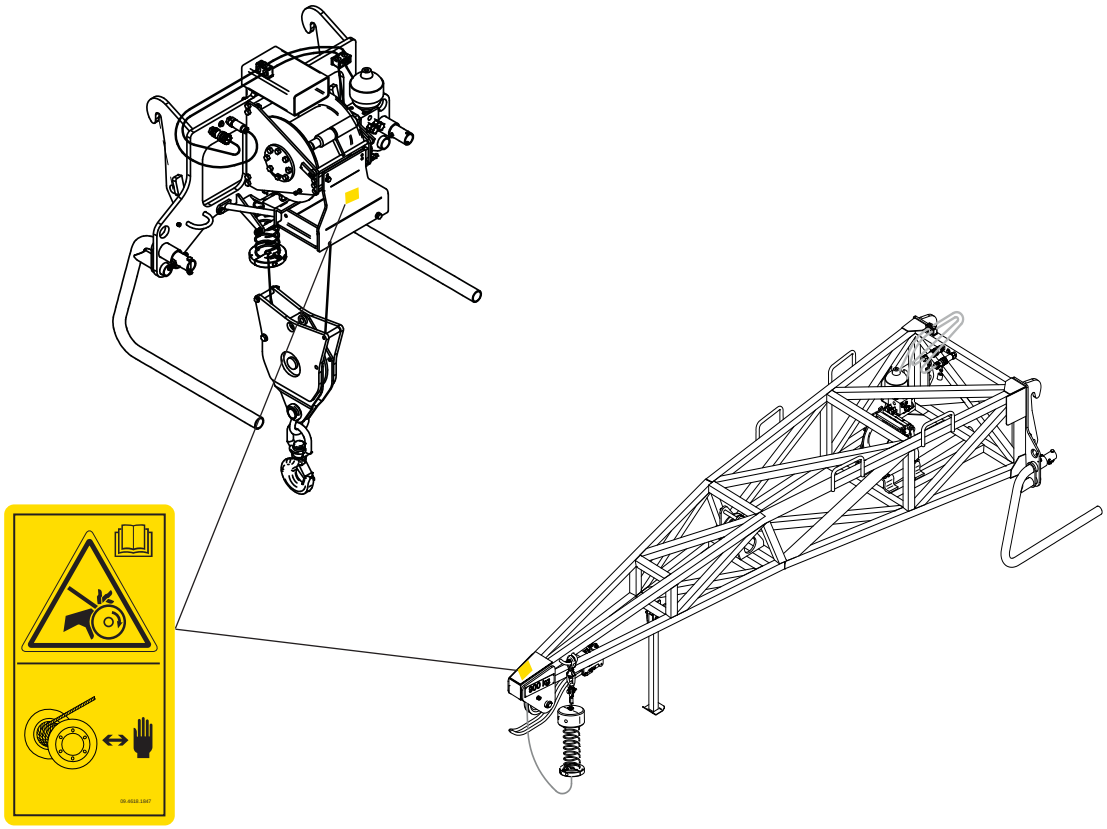
Safety Sign Maintenance

Replace any missing or damaged safety signs. Keep operator safety in mind at all times. Use mild soap and water to clean safety signs. Do not use solvent-based cleaners because they may damage the safety sign material.

Symbol and Hazard Pictorials Definitions



General Safety



09.4618.1847

Work Area Safety

General Safety

Do not lift a suspended load without first understanding the local, state, federal, or provincial rules, standards and regulations related to the activity. Additional rules, standard and regulations may apply. Additional training may be required.

If a telehandler must be used to transport a load, the following precautions for the protection of the operator shall be taken.

Read, understand and obey all warnings and instructions provided with the attachment that is approved for suspending loads.

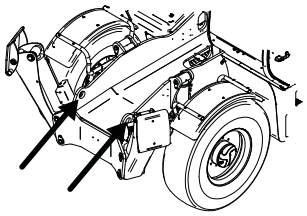
Only a properly designed, tested and approved attachment should be used to carry a suspended load.

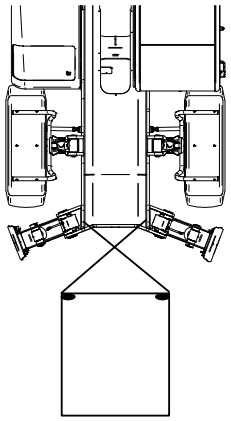
The telehandler load charts are designed for loads where the load center is stationary. As a suspended load moves, the load center can change. As a result, extreme caution in transporting and lifting, or placing, the load must be observed to minimize the potential for the load to move.

Overturning Hazards

Do not lift a suspended load without the proper and legible load capacity chart for the attachment/ telehandler combination you are using.







Do not permit the load to swing freely. Always properly tether loads to restrict movement. In addition to ground personnel, the two chassis lifting points in the front of the machine can be used to help externally stabilize the load. Always cross the tethers to opposite sides of the load to minimize load movement. Driving across grades, sudden starts, stops, and turns can cause the load to swing and create a hazard if not externally stabilized.

Keep the boom retracted as much as practical.

Do not lift suspended loads when wind speeds can cause an unsafe situation.

Work Area Safety

All movements of the load must be accomplished gradually and at the slowest practical speed to prevent the load from swinging.

Keep the heavy part of the load closest to the attachment.

Never drag or pull a load sideways.

Only lift a load vertically; do not pull a load horizontally as it could cause excessive swinging of the load.

The weight of all rigging (slings, shackles etc.) must be included as part of the load.

Identify the proper lifting points of the load, taking into consideration the center of gravity and load stability.

Do not attempt to use the telehandler frame-levelling to compensate for a swinging load or to adjust the load after it has been raised.

Do not try to move fixed or obstructed loads.

Do not leave the telehandler unattended with a suspended load.

Keep the boom and load as low as practical while maintaining visibility in the direction of travel.

Do not exceed walking speed (2 mph / 3.2 km/h) with a suspended load.

Start, travel, turn and stop slowly to prevent the load from becoming unstable or swinging.

Do not use any controls to re-position the load when traveling. Come to a gradual and complete stop before attempting to re-position the load.

Do not attempt to cross inclines as the load center will move towards the tipping line, thereby reducing stability.

Only climb or descend inclines with extreme care as the load center will move towards the tipping line, thereby reducing stability

Do not park on a slope.

When driving on a rise with loaded material, proceed in forward gear and travel with load in the lowest possible position.

When sloping downward with loaded material, proceed into reverse

Do not allow suspended loads to oscillate.

Do not drag loads when they are hooked up.

A suspended load has a dynamic, and therefore an unpredictable effect on machine stability, operate with caution.

The fixed hook has been designed to support the load declared beside. The maximum payload corresponds to the nominal capacity rating of the handler on which it is installed and is indicated on the load charts supplied with the equipment.

Fall Hazards

Do not lift or suspend personnel.

Entanglement Hazard

Contact with moving load line can result in death or serious injury.
Keep hands clear of moving winch and load line.

Work Area Safety

Collision Hazards

Be sure that the load is clear of any adjacent obstacles before lifting.

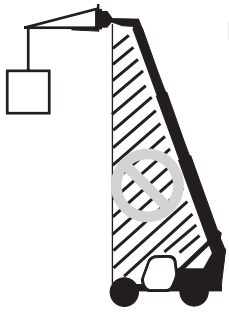
When visibility is or could be obstructed, near or at the load placement, the operator shall use alternative or additional means to safely lift the load, such as a qualified signal person.

Signal persons must remain in constant communication (verbal or hand) and be in visual contact with the operator at all times.

Crush Hazards

Never allow the signal person to come between the suspended load and another object (such as the telehandler itself).

Falling Object Hazards



Do not raise the load into the fall zone shown.

Do not operate the machine while people are under the load or in the fall zone.

Select the right sling for each load using the sling tables

Inspect each item of lifting equipment before and after use

Protect slings from damage by sharp edges with corner saddles, padding, or wooden blocks
Do not suspend loads using slings or chains from the forks or fork carriage.

Avoid lifting double tiered loads.

When loading round-shaped objects (as petrol drums, etc) bind them with straps or ropes and travel at reduced speed.

Operate the machine at speeds that will keep the load under control. Start and stop movements smoothly.

Keep people, equipment and material out of the work area.
Do not operate the machine while people are under or near an elevated boom, whether it is loaded or unloaded.

Be sure the load is secure before lifting it.

Work Area Safety

Lifting a Suspended Load

Verify that landing point is level and can safely support the load.

Properly secure the attachment to the telehandler

Level the frame on the telehandler.

Tether the load to restrict movement.

Ask a signal person to assist with lifting the load if visibility will be obstructed at the point of operation.

Make sure that the signal person remains in constant communication and is in visual contact at all times.

With the boom retracted as far as practical, slowly and gradually raise the boom and load, making sure to keep the load and boom as low to the ground as practical.

Be sure that all boom and attachment movements are performed as slow as practical to avoid swinging of the load.

Do not exceed the capacities of slings.

Do not twist or tie knots in slings or use bolts, nails or pieces of wire to shorten slings.

Do not splice together broken slings.

Do not carry a load by inserting the point of the hook into a link of the chain.

Do not leave unused slings, accessories, or blocking lying on the floor. Hang on racks or store in a proper place.

Do not use a sling to drag a load.

Do not shorten a chain with knots or by twisting other than by means of an integral chain clutch.

Do not use homemade chains or strings.

Do not heat treat or weld chain links.

Do not expose chain links to chemicals.

Travelling

Be sure that the path of travel is level and capable of supporting the telehandler with its load.

Keep the boom, and load, as low as practical while maintaining visibility in the direction of travel.

Ask a signal person to assist with your travel if visibility will be obstructed in the direction of travel.

Crush or Collision Hazard. Make sure that the signal person remains in constant communication and be in visual contact at all times.

Only make adjustments to the load after bringing the telehandler to a complete stop.

Start, stop, travel and turn slowly to prevent the load from becoming unstable or swinging.

Do not travel faster than walking speed (<2 mph / 3.2 km/h).

Work Area Safety

Placing the Load

Ask a signal person to assist with placing the load if visibility will be obstructed at the point of operation.

Make sure that the signal person remains in constant communication and be in visual contact at all times.

Come to a complete stop near the landing point.

Set the parking brake and place the transmission into neutral.

Slowly, and gradually, place the load over the landing point and lower the load until it is safely supported.

Once the load has been landed, continue to lower the boom until the rigging and tethers can be removed.

Signal Person

A signal person is recommended when:

The point of operation, meaning the load travel or the area near or at load placement, is not in full view of the operator.

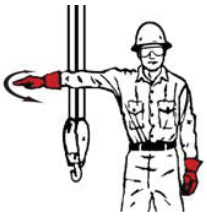
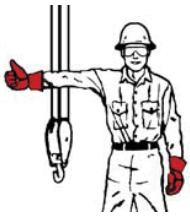
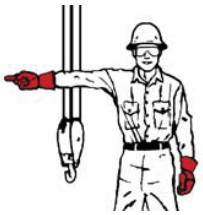
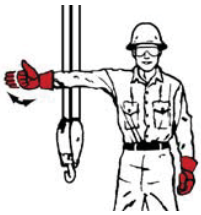
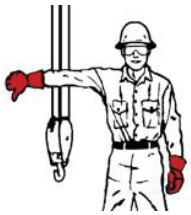
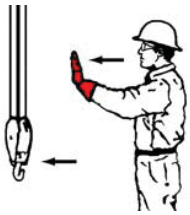
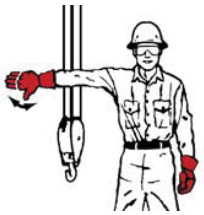
When the equipment is traveling, the view in the direction of travel is obstructed.

Due to site specific safety concerns, either the operator or the person handling the load determines that it is necessary.

Signal persons must remain in constant communication (verbal or hand) and be in visual contact with the operator at all times.

The hand signal chart on the next page may be used as reference.

Work Area Safety

 STOP. With arm extended horizontally to the side, palm down, arm is swung back and forth.	 EMERGENCY STOP. With both arms extended horizontally to the side, palms down, arms are swung back and forth.		 HOIST. With upper arm extended to the side, forearm and index finger pointing straight up, hand and finger make small circles.	 RAISE BOOM. With arm extended horizontally to the side, thumb points up with other fingers closed.
 SWING. With arm extended horizontally, index finger points in direction that boom is to swing.	 RETRACT TELESCOPING BOOM. With hands to the front at waist level, thumbs point at each other with other fingers closed.	 RAISE THE BOOM AND LOWER THE LOAD. With arm extended horizontally to the side and thumb pointing up, fingers open and close while load movement is desired.	 DOG EVERYTHING. Hands held together at waist level.	 LOWER. With arm and index finger pointing down, hand and finger make small circles.
 LOWER BOOM. With arm extended horizontally to the side, thumb points down with other fingers closed.	 EXTENDED TELESCOPING BOOM. With hands to the front at waist level, thumbs point outward with other fingers closed.	 TRAVEL/TOWER TRAVEL. With all fingers pointing up, arm is extended horizontally out and back to make a pushing motion in the direction of travel.	 LOWER THE BOOM AND RAISE THE LOAD. With arm extended horizontally to the side and thumb pointing down, fingers open and close while load movement is desired.	 MOVE SLOWLY. A hand is placed in front of the hand that is giving the action signal.

Work Area Safety

⚠ Damaged Attachment Hazards

Do not use a damaged or malfunctioning attachment.

Conduct a thorough pre-operation inspection of the attachment and test all functions before each work shift. Immediately tag and remove from service a damaged or malfunctioning attachment.

Be sure all maintenance has been performed as specified in this manual and the appropriate Genie service manual.

Be sure all decals are in place and legible.

Be sure the operator's and safety manuals are complete, legible and in the storage container located in the cab.

⚠ Crush Hazards

Only operate the winch when personnel are clear from the drum, load line and hook.

⚠ Employer's Responsibilities

Employers are responsible for providing a safe work environment and for complying with local and national governmental regulations.

⚠ Personal Safety

Be sure that everyone working on or near this machine is familiar with the applicable safety precautions.

Safety Precautions

⚠ Requirements for Machine Operators

Operators who use the machine regularly or occasionally (i.e. for transport reasons) shall have the following prerequisites:
health:
before and during any operation, operators shall never take alcoholic beverages, medicines or other substances that may alter their psycho-physical conditions and, consequently, their working abilities.
physical:
good eyesight, acute hearing, good co-ordination and ability to carry out all required operations in a safe way, according to the instructions of this manual.
mental:
ability to understand and apply the enforced rules, regulations and safety precautions. They shall be careful and sensible for their own as well as for the others' safety and shall desire to carry out the work correctly and in a responsible way.
emotional:
they shall keep calm and always be able to evaluate their own physical and mental conditions.
training:
they shall read and be familiar with this handbook, its enclosed graphs and diagrams, the identification and hazard warning plates. They shall be skilled and trained about the machine use.

The operator shall have a licence (or a driving licence) when provided for by the laws enforced in the country where the machine is operated. Please, ask the competent bodies. In Italy the operator must be at least 18 year old.

⚠ Requirements for Service Personnel

Personnel in charge of the machine maintenance shall be qualified, specialised in the maintenance of telehandlers, and shall have the following prerequisites:
physical:
good eyesight, acute hearing, good co-ordination and ability to carry out all required maintenance operations in a safe way, according to this manual.
mental:
ability to understand and apply the enforced rules, regulations and safety precautions. They shall be careful and sensible for their own as well as for the others' safety and shall desire to carry out the work correctly and in a responsible way.
training:
they shall read and be familiar with this handbook, its enclosed graphs and diagrams, the identification and warning plates. They shall be skilled and trained about the machine functioning.

From a technical point of view, routine maintenance of the machine is not a complex procedure and can be carried out by the machine operator too, provided he has a basic knowledge of mechanics.

Safety Precautions

⚠ Working clothes

During work, but especially when maintaining or repairing the machine, operators must wear suitable protective clothing:

- Overalls or any other comfortable garments. Operators should not wear clothes with large sleeves or objects that can get stuck in moving parts of the machine.
- Protective helmet.
- Protective gloves.
- Working shoes.



Use only approved safety workwear in good condition.

⚠ Personal protective equipment

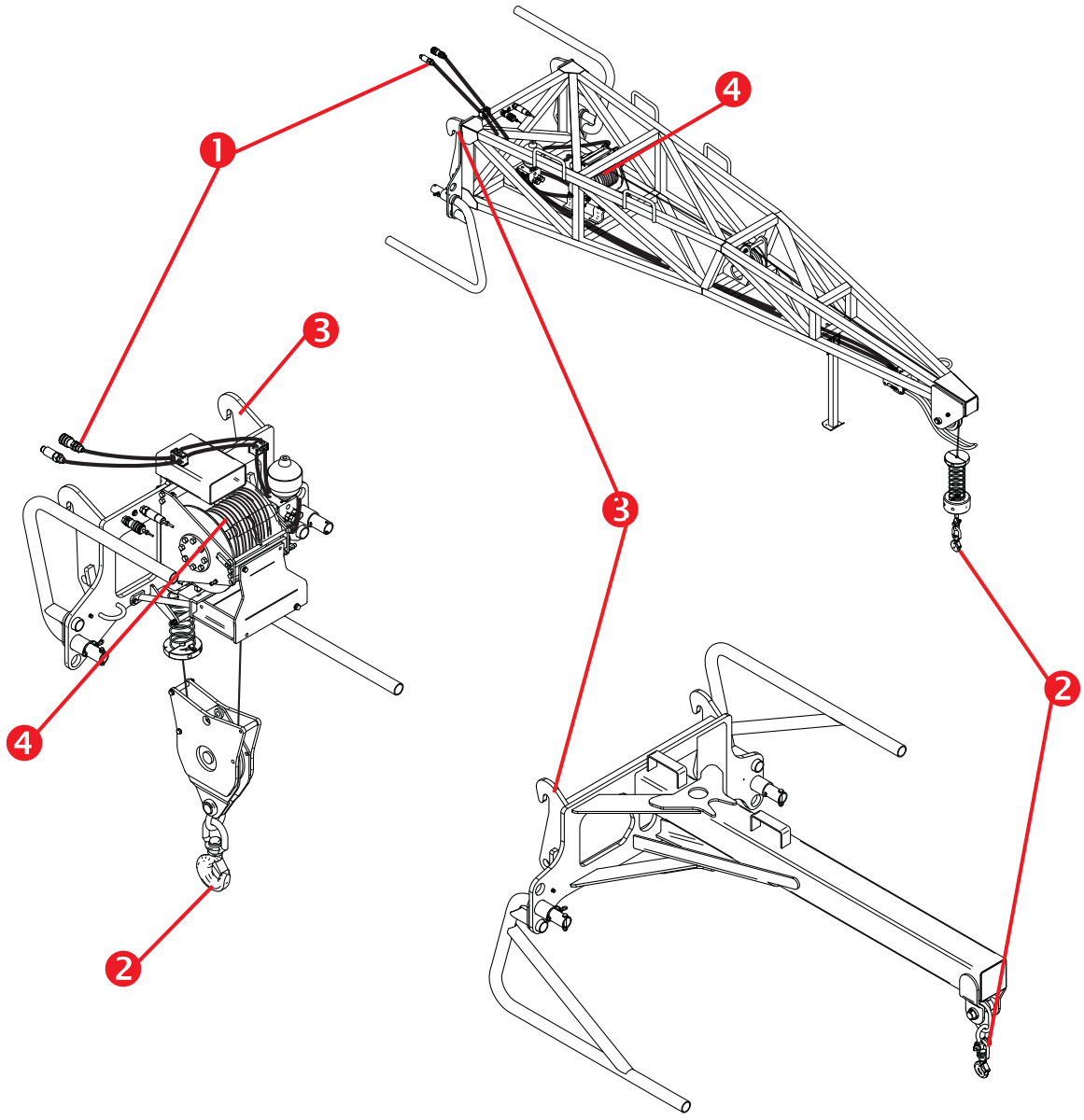
Under special working conditions, the following personal protective equipment should be used:

- Breathing set (or dust mask).
- Ear-protectors or equivalent equipment.
- Goggles or facial masks.

Legend

Jib and Winch main components

1. **Quick couplings (if any)**
2. **Hook**
3. **Coupling frame**
4. **Winch**



Attachment Description

Winch

This attachment is used to handle payloads which are suspended by a rope system.
It mainly consists of a steel welded structure which is provided with two lateral flanges to be coupled with the GTH telehandlers standard interface.
The welded structure is shaped to have, in its lower end, two turntable supporting feet wich supports the attachment when it is on the ground and not mounted to the telehandler.
The hydraulic hoist is installed on the front surface of the welded structure. The hoist is hydraulically powered through the auxiliary line provided at the end of the telescopic boom through two hydraulic quick coupling adapters.
The steel rope is linked through a steel pulley to a hook, and is capable to lift the payload defined for this attachment (its structural strength meets or exceeds the maximum payload defined for the complete attachment).
A special hydraulic switches are installed close to the structure that disables the winch when the hook is completely lifted up or lowered down.
Do not overload the jib structural components when the winch is disabled.

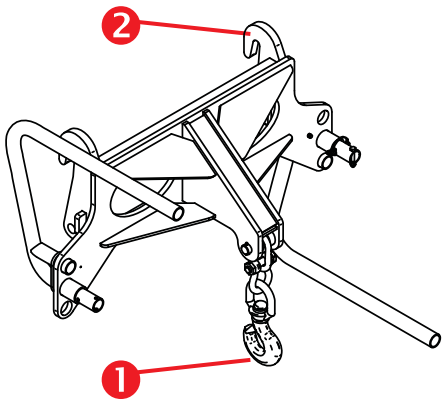
Jib

This attachment is used to handle payloads which are suspended by a rope system.
It mainly consists of a steel truss boom welded structure which is provided with two lateral flanges to be coupled with the GTH telehandlers standard interface.
The welded structure is shaped to have, in its lower end, three turntable supporting feet that support the attachment when it is on the ground and not mounted to the telehandler.
The truss boom welded structure is shaped to have, in its forward end, a mechanical link for the connection to a steel hook.
The hook is capable to handle the payload defined for this attachment (its structural strength meets or exceeds the maximum payload defined for the complete attachment).
The hydraulic version of this attachment is provided with an hydraulic hoist installed inside the truss boom structure immediately ahead of the central steel plate.
The hoist is hydraulically powered through the auxiliary line provided at the end of the telescopic boom through two hydraulic quick coupling adapters.
The end of the steel rope is linked to the certified hook, placed at the end of the truss boom structure.
A special hydraulic switches are installed close to the structure that disables the winch when the hook is completely lifted up or lowered down.
Do not overload the jib structural components when the winch is disabled.
When the hook is completely lifted up no hydraulic pressure is provided to the hoist so avoiding any unnecessary overload on the jib structural components.

Attachment Description

Hook main components

1. **Hook**
2. **Coupling frame**



Hook

This attachment is used to handle payloads which are suspended by a rope system.
It mainly consists of a steel welded structure which is provided with two lateral flanges to be coupled with the GTH telehandlers standard interface.
The welded structure is shaped to have, in its lower end, two turntable feet wich support the attachment when it is on the ground and not mounted to the telehandler.
The welded structure is shaped to have, in its central part, a structural beam protruded forward and having at the front end a mechanical link for the connection to a steel hook.
The hook is capable to handle the payload defined for this attachment (its structural strength meets or exceeds the maximum payload defined for the complete attachment).

Attachments application field

The following table represents the application field of equipment installed on Genie telehandlers

	GTH-2506	GTH-4014	GTH-4018	GTH-4016R	GTH-4018R	GTH-5021R
2500kg FIXED HOOK on PLATE	✘					
5000kg FIXED HOOK on PLATE		✘	✘	✘	✘	✘
4000mm/900kg Man JIB		✘	✘	✘	✘	✘
4000mm/900kg Hyd JIB		✘	✘	✘	✘	✘
2000mm/2000kg Man JIB	✘	✘	✘	✘	✘	✘
4000kg WINCH		✘	✘	✘	✘	✘
5000kg WINCH						✘

Inspections



Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual and in the telehandler one.

1. Avoid hazardous situations.

2. Always perform a pre-operation inspection.

Know and understand the pre-operation inspection before going on to the next section.

3. Always perform function tests prior to use.

4. Inspect the workplace.

5. Only use the machine as it was intended.

Pre-operation Inspection Fundamentals

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items.

If damage or any unauthorized variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications and the requirements listed in the responsibilities manual.

Inspections

Pre-operation Inspection

- ❑ Make sure the operator's manuals are intact, legible and placed inside the telehandler.
- ❑ Be sure that all decals are legible and in place.
- ❑ Check for hydraulic oil leaks.

Check the following components or areas for damage, improperly installed or missing parts and unauthorized modifications:

- ❑ Hydraulic hoses and fittings
- ❑ Hook
- ❑ Rope
- ❑ Pulleys
- ❑ Limit switches
- ❑ Pins, nuts, bolts and other fasteners

Check entire attachment for:

- ❑ Cracks in welds or structural components
- ❑ Dents or damage to machine
- ❑ Excessive rust, corrosion or oxidation

Inspections



Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual and in the telehandler one.

1. Avoid hazardous situations.
2. Always perform a pre-operation inspection.
3. **Always perform function tests prior to use.**

Know and understand the the function tests before going on to the next section.

4. Inspect the workplace.
5. Only use the machine as it was intended.

Function Test Fundamentals

The function tests are designed to discover any malfunctions before the machine is put into service. The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service. Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.

Inspections

Function Tests

Before getting started, refer to telehandler operator's manual.

Test the Hydraulic Quick Coupling Lock/ Unlock (if equipped)

- While pressing the dedicated switch, push and hold the white thumb switch and use the functions functions joystick, momentarily lock/unlock the hydraulic quick coupling.

⊙ Result: All functions should operate smoothly.

Test the Controls

(at every use)

The functions joystick provides control of the winch.

To check its efficiency:

- Move the functions functions joystick to right side, keeping press the white thumb and the red switch.

⊙ Result: the rope lowers

- Move the functions functions joystick to left side, keeping press the white thumb and the red switch.

⊙ Result: the rope recovers

Refer to the controller section in the operating instructions of this manual.

Test the Load Limiting System

Refer to telehandler operator's manual.

Checking the Brake System of the Winch

(at every use)
This device stops the drum when loads are suspended.
To check its efficiency:

- lift a weight
- move the control lever to lower the rope
- set the lever to neutral position:

⊙ Result: the weight has to stop.

Checking the Limit Switches of the Winch

(at every use)
This device must maintain the range of the movement of the load between the pre-fixed limits.
To check its efficiency:

- lift a weight
- smoothly move the control lever to recover the rope.

⊙ Result: the weight should stop once the hook has reached the fixed limits.

Checking the Hoist Limiting Mechanism of the Winch

(at every use)

This device must prevent the winch from hoisting weights which are greater than its maximum limit.
To check its efficiency:

- lift a weight higher then the equipment payload
- move the control lever to recover the rope.

⊙ Result: the winch should stop at soon as the weight is hoisted from the ground. The winch should stop as soon as there is sufficient tension in the load line. The weight should not lift from the ground.

Operating Instructions



Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual and in the telehandler one.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Always wear the seat belt before operating the machine.

6 Only use the machine as it was intended.

Fundamentals

The Operating Instructions section provides instructions for each aspect of machine operation. It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

Only trained and authorized personnel should be permitted to operate a machine. If more than one operator is expected to use a machine at different times in the same work shift, they must all be qualified operators and are all expected to follow all safety rules and instructions in the operator's, safety and responsibilities manuals. That means every new operator should perform a pre-operation inspection, function tests, and a workplace inspection before using the machine.

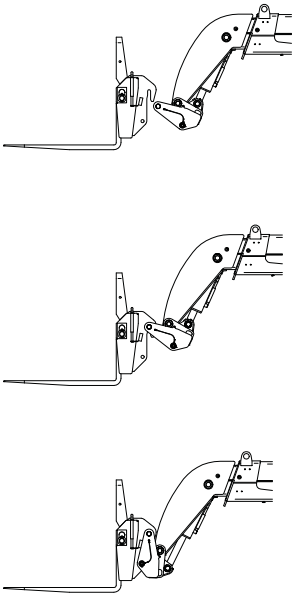
Additionally, everyone working on or near the product also needs to be familiar with the applicable safety precautions.

Operating Instructions

Quick Attach Instructions

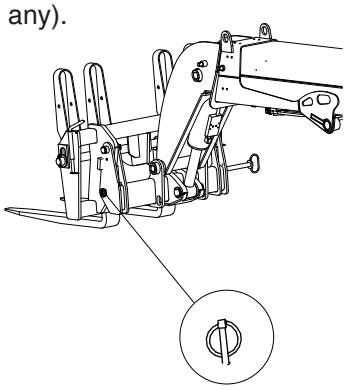
Version with mechanical locking

1 Drive to the place where you will release the mounted attachment (when possible, a solid and sheltered site).
2 Disconnect the quick connectors of the attachment (if any).
3 Pull out the mechanical pin locking the attachment after removing the safety split-pin at its end.
4 Rest the attachment flat on the ground.
5 Pitch the attachment holding frame forward and lower the boom to release the attachment upper lock.
6 Move back with the machine and drive to the new attachment to be coupled.
7 Hold the frame pitched forward and hook the upper lock of the new attachment.
8 Retract and raise the attachment a small distance. It will center automatically on the quick coupling frame.
9 Refit mechanical locking pin fixing it with its safety split-pin.
10 Re-couple the connectors of the attachment (if any).



Version with hydraulic locking *(optional)*

1. Drive to the place where you will release the mounted attachment (when possible, a solid and sheltered site).
2. Disconnect the quick connectors of the attachment (if any).
3. Rest the attachment flat on the ground.
4. Press the Lock/Unlock Enabling Switch and keep it pressed up to the end of Step 5.
5. Free the attachment moving the functions functions joystick.
6. Pitch the attachment holding frame forward and lower the boom to release the attachment upper lock.
7. Move back with the machine and drive to the new attachment to be coupled.
8. Hold the frame pitched forward and hook the upper lock of the new attachment.
9. Retract and raise the attachment a small distance. It will center automatically on the quick coupling frame.
10. Coupling the attachment moving the functions functions joystick with the Lock/Unlock Enabling Switch.
11. Re-couple the connectors of the attachment (if any).

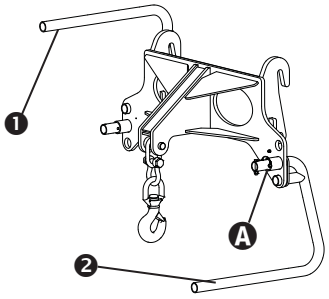


Operating Instructions

Operation

Fixed hook on plate

2500kg Fixed Hook on Plate 59.0700.9012GT
5000kg Fixed Hook on Plate 59.0700.9013GT

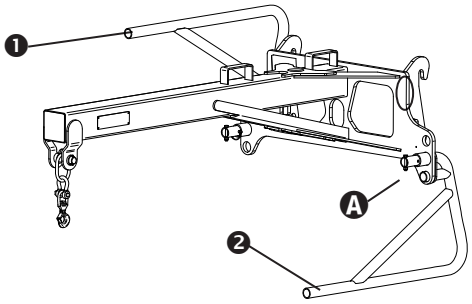


- Couple the hook and hold it in position by means of the attachment locking system (mechanical or hydraulic).
- Set the attachment supports in working position 1, using the dedicated pins A.
- All loads must be bridled with special textile slings or chains in compliance with all pertinent regulations.
- To handle the load, raise and rotate the telescopic boom of the handler.
- To remove the attachment, set the supports in resting position 2, using the dedicated pins A, remove the attachment locking system (mechanical or hydraulic) then carefully tilt the attachment forward, lower the boom resting the attachment on the ground and retract the boom.

⚠ The fixed hook has been designed to support the max payload. The max payload corresponds to the nominal capacity rating of the handler on which it is installed and is indicated on the load charts supplied with the equipment.

2000 KG Extension Jib

2000mm/2000kg Mech. Jib 59.0802.3027GT

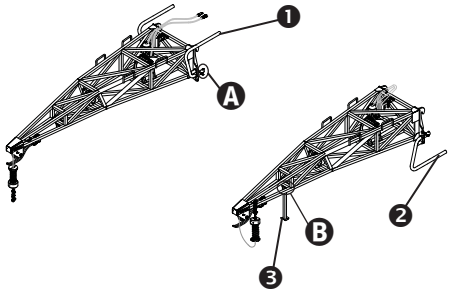


- Couple the jib and hold it in position by means of the attachment locking system (mechanical or hydraulic).
- Set the attachment supports in working position **1**, using the dedicated pins **A.**
- To remove the attachment, set the supports in resting position **2**, using the dedicated pins **A**, remove the attachment locking system (mechanical or hydraulic) then carefully tilt the attachment forward, lower the boom resting the attachment on the ground and retract the boom.

Operating Instructions

900 kg Hydraulic Extension Jib

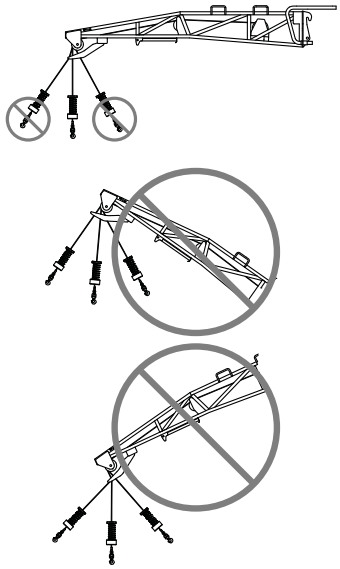
4000mm/900kg Hydraulic Jib 59.0802.3029GT



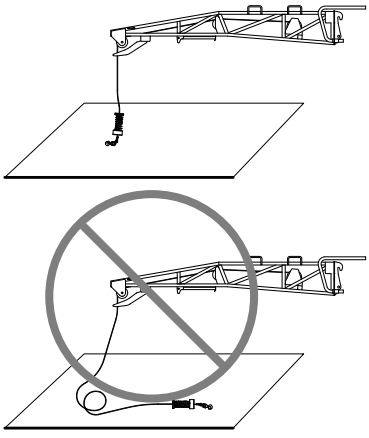
- Couple the jib and hold it in position by means of the attachment locking system (mechanical or hydraulic).
- Set the attachment supports in working position **1**, using the dedicated pins **A**.
- Lift the attachment support **3** locking it in working position by means of the dedicated pin **B,** remove the hook from its resting position.
- All loads must be bridled with special textile slings or chains in compliance with all pertinent regulations.
- To handle the load, raise and rotate the telescopic boom of the handler.
- To remove the attachment, put the hook in its resting position: be careful to leave a sufficient portion of rope to avoid stress on any components, set the supports in resting position **2**, using the dedicated pins **A**, lower the attachment support **3** locking it in resting position by means of the dedicated pin **B;** remove the attachment locking system (mechanical or hydraulic), carefully tilt the attachment forward, lower the boom resting the attachment on the ground, then retract the boom.

Once the attachment quick connectors have been disconnected from the boom connectors, take care to reconnect them to the proper rest connectors that are present on the jib, in order to prevent impurities from entering the circuit. Carefully protect the rest connectors with the proper plugs when they are not used.

⚠ Make sure that the attachment always works in vertical position.



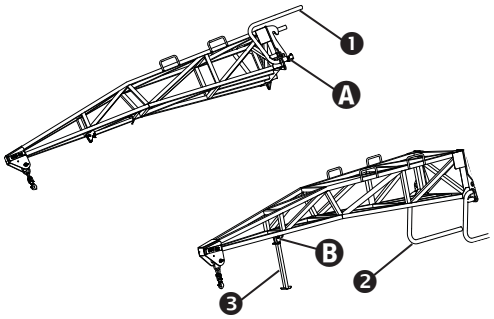
⚠ Always have a line weight attached to end of rope to keep tension on the rope. This prevents rope from unwinding or loosening on the Drum.



Operating Instructions

900 Kg Mechanical Extension Jib

4000mm/900kg Mech. Jib 59.0802.3028GT

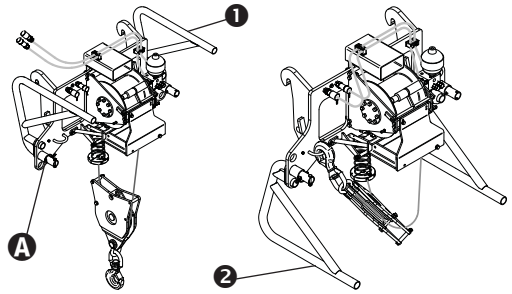


- Couple the jib and hold it in position by means of the attachment locking system (mechanical or hydraulic).
- Set the attachment supports in working position **1**, using the dedicated pins **A**.
- Lift the attachment support **3** locking it in working position by means of the dedicated pin **B.**
- All loads must be bridled with special textile slings or chains in compliance with all pertinent regulations.
- To handle the load, raise and rotate the telescopic boom of the handler.
- To remove the attachment, set the supports in resting position **2**, using the dedicated pins **A,** lower the attachment support **3** locking it in resting position by means of the dedicated pin **B,** remove the attachment locking system (mechanical or hydraulic), carefully tilt the attachment forward, lower the boom resting the attachment on the ground, then retract the boom.

Operating Instructions

Hydraulic Winch

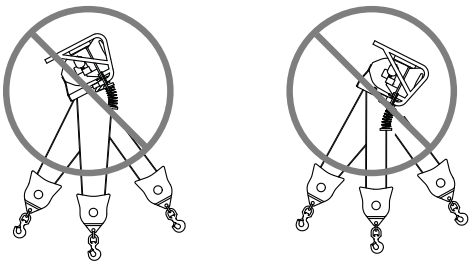
4000kg Winch 59.0901.9015GT
5000kg Winch 59.0901.9008GT

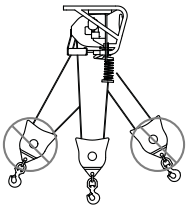


- Couple the winch and hold it in position by means of the attachment locking system (mechanical or hydraulic).
- Set the attachment supports in working position **1**, using the dedicated pins **A**.
- All loads must be bridled with special textile slings or chains in compliance with all pertinent regulations.
- To handle the load, raise and rotate the telescopic boom of the handler.
- To remove the attachment, set the hook in its resting position: be careful to leave a sufficient portion of rope to avoid stress on any components, set the support in resting position **2**, using the dedicated pins **A** , remove the attachment locking system (mechanical or hydraulic) then carefully tilt the attachment forward, lower the boom resting the attachment on the ground and retract the boom.

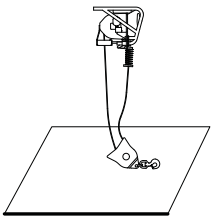
Once the attachment quick connectors have been disconnected from the boom connectors, take care to reconnect them to the proper rest connectors that are present on the winch, in order to prevent impurities from entering the circuit. Carefully protect the rest connectors with the proper plugs when they are not used.

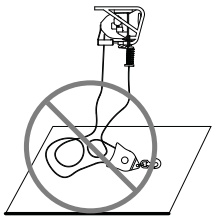
⚠ Make sure that the attachment always works in vertical position.





⚠ Always have a line weight attached to end of rope to keep tension on the rope. This prevents rope from unwinding or loosening on the Drum.





Operating Instructions

Load Limiting System control panel

Refer to telehandler operator's manual.

Load Limit Warning Light (if equipped)

This device, fitted on the cab roof, is connected to the load limiting system and shows the same led sequence which appears on the load limiting display. When it reaches the red area, an acoustic alarm buzzes.

Using The Load Charts

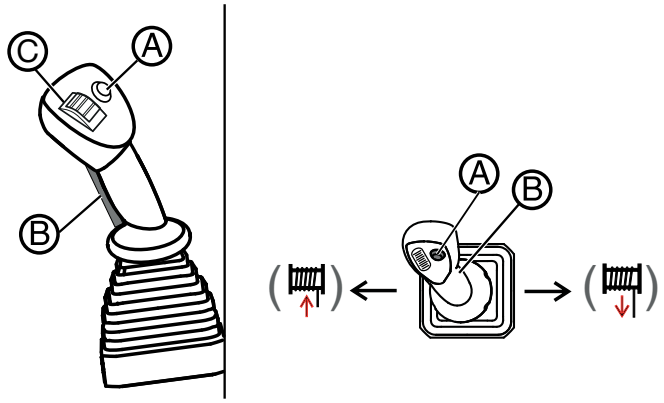
The load charts installed on the cab indicate the maximum allowed load in relation to the boom extension, the outriggers use and the type of attachment. To operate under safe conditions, always refer to these charts.
The extension level of the boom can be checked with the help of the letters (A, B, C, D, E) painted on the same boom, while the actual boom inclination degrees are shown by the angle indicator.

Operating Instructions

Controller movements - Functions Joystick

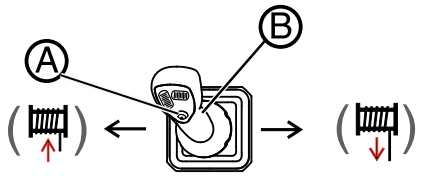
GTH 2506 - GTH 4014 - GTH 4018

Refer to telehandler operator's manual



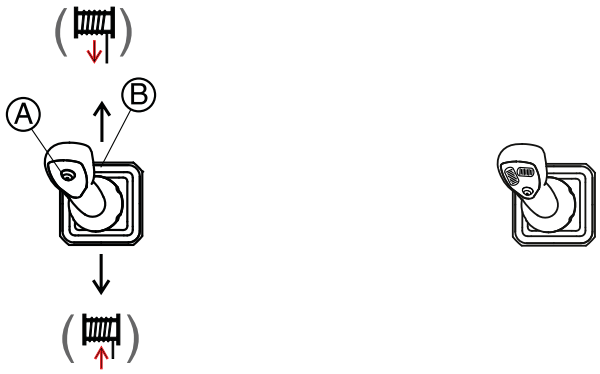
Functions joystick with enable switch (B) and with white thumb switch (A)

Controller movements - Single Functions Joystick GTH 4016R - GTH 4018R - GTH 5021R



Functions joystick with enable switch (B) and with white thumb switch (A)

Controller movements - Dual Functions Joystick GTH 4016R - GTH 4018R - GTH 5021R

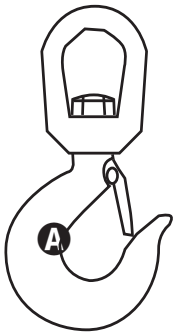


Functions joystick with enable switch (B) and with white thumb switch (A)

Operating Instructions

Connect a Load

Check that the hook of the sling is properly fitted in the hook bowl **A** as shown in figure.



Load Landing

Before a load is lifted, a place should be prepared where it is to be put down. The nature of the load will determine the type of preparation necessary but most loads should be lowered onto timber battens. The sling may then be easily withdrawn. The load should never be landed directly on to the chain.

Operating Instructions

Raising and Placing a Load

Before starting to raise and place a freely suspended load:

1. know or determine the weight of the load including the weight of all riggings (i.e. slings, shackles) and the position of its load centre;
2. verify the capacity of the surface before placing a load on it;
3. ensure that the frame is levelled both longitudinally and laterally before raising the boom, with or without a load, and/or with the aid of an assistant;
4. identify the proper lifting points of the load, taking into consideration the centre of gravity and load stability;
5. never raise freely suspended loads using slings or chains from the forks or fork carriage;
6. to prevent unintended swinging, tether the freely suspended load to restrict movement;
7. avoid lifting double tiered loads;

The load chart in the cab shows the operating limits of a properly maintained and operated machine. To use the load chart, the operator must know the weight of the load, its load center and how far out and up it is to be placed.

This machine has more than one load chart. Be sure you are using the load chart that corresponds to the attachment on the machine and to the configuration of the outriggers, if fitted.

If you determine that the weight of the load cannot be placed at the height and angle you want, these options can be used:

if the outriggers are fitted

1. If you have not lowered the outriggers, lower the outriggers and use the load chart for outriggers down.

If the outriggers are down or are not fitted:

2. Move the machine closer to the loading or pick point so that the weight of the load will meet the load chart specifications.
3. Divide the load into smaller pieces so that each piece meets the load chart specifications.
4. Obtain a larger machine capable of handling the load within specifications. To handle a suspended load the use of outriggers is recommended.

Use of the attachments to handle freely suspended loads

1. Ensure that the attachment is properly secured and all locking devices are engaged;
2. Use care when securing, manipulating, positioning and transporting the load;
3. Operate a truck equipped with an attachment as a partially loaded truck when not handling a load;
4. Use extreme care when tilting the load forward or rearward, particularly when stacking at height, and do not tilt forward with the load-handling means elevated, except to pick up or place a load over a rack or stack;

Operating Instructions

Placing the load

Using mechanical jib or fixed hook on plate. Work with a signaler if required.

1 Travel to the desired work site and carefully stop the machine.

2 Put the transmission in neutral

3 Apply the parking brake.

4 Lower the outriggers, if your configuration requires it. (Recommended with suspended loads)

5 Level the frame left to right according the level indicator in the cabin. On outriggers make sure the front wheels are from the ground.

6 Bring the hook of the attachment directly above the load. Hook up the load correctly with certified materials in such a way that the load-center is underneath the hook.

7 Level the attachment (on the eye) horizontal.

8 Raise the engine rpm for a smoother control of your functions and longer lifetime of your exhaust filter system.

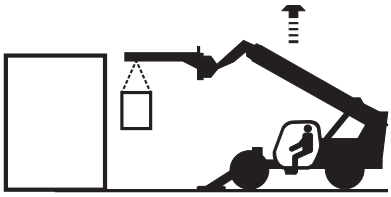
9 Gradually move the controller to raise and extend the boom to the required height.

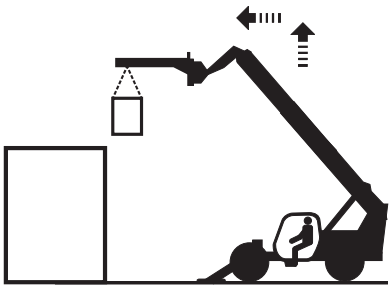
10 Gradually move the controller to extend and lower the boom into final position.Lower the load until the weight of the load is fully off the hook.

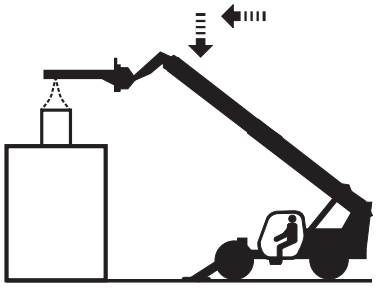
11 Do not touch the controls until receiving the correct signal to bring the boom into the transport position.

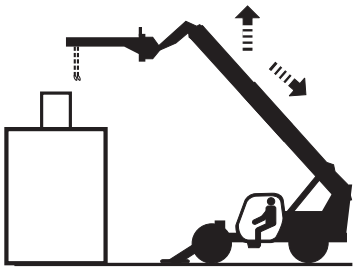
12 Gradually move the controller to raise and retract the boom.

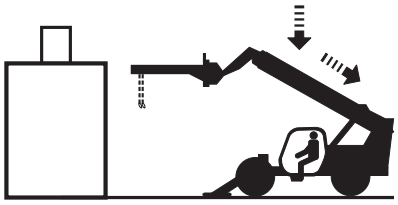
13 When the attachment is clear from any obstacles, the boom can be lowered and retracted.



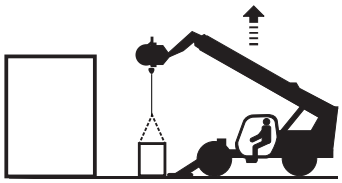


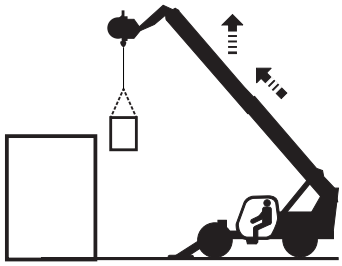


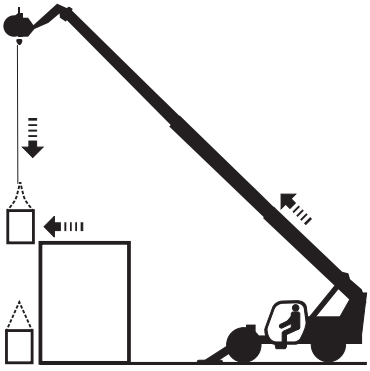


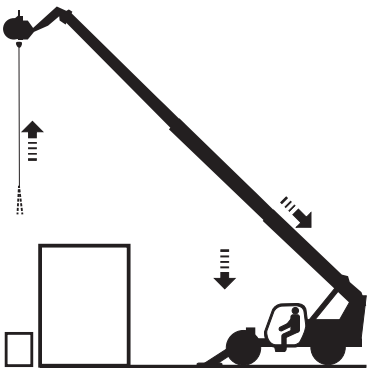


Operating Instructions









Using winch or hydraulic Jib: Work with a signaler if required.

1 Travel to the desired work site and carefully stop the machine

2 Put the transmission in neutral

3 Apply the parking brake

4 Lower the outriggers, if your configuration requires it. (Recommended with suspended loads.)

5 Level the frame left to right according the level indicator in the cabin. On outriggers make sure the front wheels are from the ground.

6 Bring the hook of the winch directly above the load. Hook up the load correctly with certified materials in such a way that the load-center is underneath the hook.

7 Level the attachment (one the eye) horizontal.

8 Raise the engine rpm for a smoother control of your functions and longer lifetime of your exhaust filter system.

9 Gradually move the controller to raise and extend the boom to the required height.

10 Gradually move the controller to extend the boom into its final position while keeping the load as low as possible using auxiliary lowering (winch down)

11 Lower the load (reel down) using auxiliary down movement until the weight of the load is fully of the hook.

12 Do not touch the controls until receiving the correct signal to bring the boom into transport position.

13 Gradually move the controller using auxiliary to fully reel up the rope onto the wingh. Retract and lower the boom if free from all obstacles.

Operating Instructions

Transporting a Suspended Load

Drive with low speed.

Load as low as possible from the ground, as close to the machine as possible without the possibility to hit the chassis.

Driving on a slope means that the load is always pointing up hill.

Never drive on a slope sideways.

Transporting a suspended load is not recommended. The drive system is not involved in the LMI safety system.

Once the load is attached, operate as follow:

- raise the load and check if it is correctly suspended: the wire shall be tightened and shall not be in slack-condition when the load movement begins;
- retract the boom as much as possible in comparison to avoid the load hitting the chassis or other components of the truck.
- raise it again to the transport height of 300-500mm from the ground;
- make sure a load is high enough to clear all objects before starting to move;
- identify any risks present on the route to be travelled;
- avoid excessively undulating ground when travelling;
- do not operate a freely suspended load on gradients
- consider effects of the wind on load.
- Initiate movements of the load slowly to maintain control of the load.

Parking and Storage

Short inactivity and attachment storage

To release the attachment from the telehandler:

- Approach the place where you will release the equipment.
- Lower the equipment on the ground.
- Stop the engine of the telehandler
- Disconnect the hydraulic pipes of the equipment from the boom fittings.
- Restart the engine.
- Operate the functions joystick to release the equipment from the quick coupling plate.
- Tilt the coupling plate forward and lower the boom to release the upper lock of the equipment.
- Move back with the telehandler.

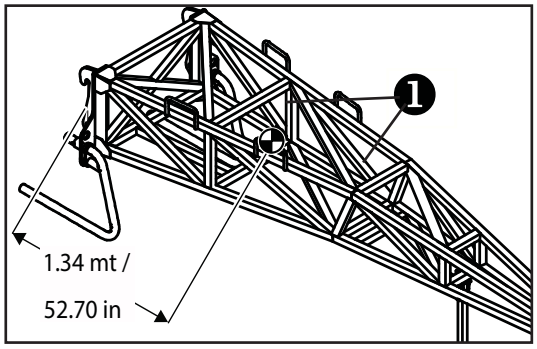
Transport and Lifting Instructions

Moving the Equipment

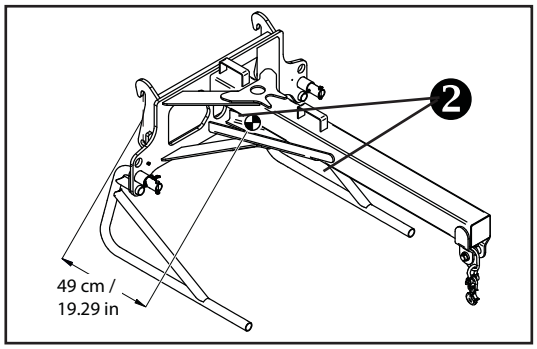
When the equipment shall be moved, use only means having a suitable capacity. The characteristic data are detailed in the relevant chapter of this manual and on the identification plate.

According to the equipment, proceed as follow for moving:

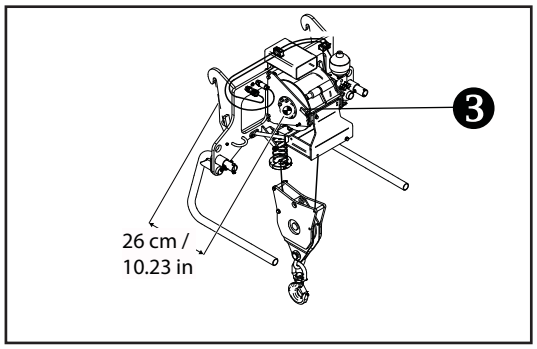
- **900kg Jib**, insert the forks into the four dedicated lugs **1**



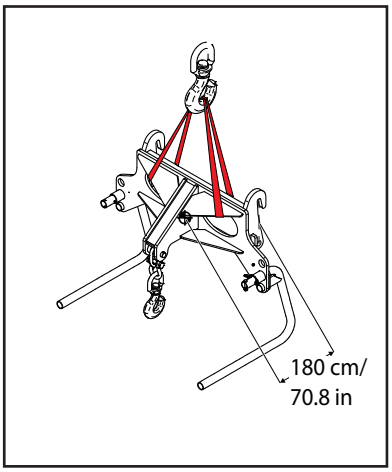
- **2000kg Jib**, insert the forks into the two dedicated lugs **2**



- **Winch**, insert the forks into the dedicated lug **3**



- **Hook**, run two slings through the frame holes as shown in the draft below



Maintenance

Observe and Obey:

- ☑ Only routine maintenance items specified in this manual shall be performed by the operator.
- ☑ Scheduled maintenance inspections shall be completed by qualified service technicians, according to the manufacturer's specifications and the requirements specified in the responsibilities manual.

Maintenance Symbols Legend

The following symbols have been used in this manual to help communicate the intent of the instructions. When one or more of the symbols appear at the beginning of a maintenance procedure, it conveys the meaning below.



Indicates that tools will be required to perform this procedure.



Indicates that new parts will be required to perform this procedure.



Indicates that a cold engine will be required to perform this procedure.

Maintenance

Scheduled Maintenance

Machines that have been out of service for more than three months must receive the quarterly inspection before they are put back into service.

Model
Serial number
Date
Hour meter
Machine owner
Inspected by (print)
Inspector signature
Inspector title
Inspector company

Instructions

- Make copies of this report to use for each inspection.
- Select the appropriate checklist(s) for the type of inspection to be performed.

☐ **Daily or 8 hours**

Inspection: A

- Place a check in the appropriate box after each inspection procedure is completed.
- Use the step-by-step procedures in this section to learn how to perform these inspections.
- If any inspection receives an “N”, tag and remove the machine from service, repair and re-inspect it. After repair, place a check in the “R” box.

Checklist A		Y	N	R
A-1	Manuals and decals			
A-2	Pre-operation inspect			
A-3	Function tests			
A-4	Checking the Rope for wear			
A-5	Checking the Hook			
A-6	Checking the safety devices			

Maintenance

A-1
Inspect the Manuals and Decals

Genie specifications require that this procedure be performed every 8 hours or daily, whichever comes first.

Maintaining the operator's and safety manuals in good condition is essential to safe machine operation. Manuals are included with each machine and should be stored in the container provided in the operator's compartment. An illegible or missing manual will not provide safety and operational information necessary for a safe operating condition.

In addition, maintaining all of the safety and instructional decals in good condition is mandatory for safe machine operation. Decals alert operators and personnel to the many possible hazards associated with using this machine. They also provide users with operation and maintenance information. An illegible decal will fail to alert personnel of a procedure or hazard and could result in unsafe operating conditions.

1 Check to make sure that the operator's and safety manuals are present and complete in the storage container in the operator's compartment.

2 Examine the pages of each manual to be sure that they are legible and in good condition.

⊙ Result: The operator's manual is appropriate for the machine and all manuals are legible and in good condition.

⊗ Result: The operator's manual is not appropriate for the machine or all manuals are not in good condition or is illegible. Remove the machine from service until the manual is replaced.

3 Open the operator's manual to the decals inspection section. Carefully and thoroughly inspect all decals on the machine for legibility and damage.

⊙ Result: The machine is equipped with all required decals, and all decals are legible and in good condition.

⊗ Result: The machine is not equipped with all required decals, or one or more decals are illegible or in poor condition. Remove the machine from service until the decals are replaced.

4 Always return the manuals to the storage container after use.

Note: Contact your authorized Genie distributor or Genie Industries if replacement manuals or decals are needed.

Maintenance

A-2
Perform Pre-operation Inspection

Genie specifications require that this procedure be performed every 8 hours or daily, whichever comes first.

Completing a Pre-operation Inspection is essential to safe machine operation. The Pre-operation Inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests. The Pre-operation Inspection also serves to determine if routine maintenance procedures are required.

A-3
Perform Function Tests

Genie specifications require that this procedure be performed every 8 hours or daily, whichever comes first.

Completing the function tests is essential to safe machine operation. Function tests are designed to discover any malfunctions before the machine is put into service. A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service.

Maintenance

A-4 Checking the rope for wear

⚠ Working intentionally with worn and/or damaged ropes can be highly dangerous. Immediately replace the worn and/or damaged rope. GENIE disclaims any responsibility for damage to persons and/or property arising from the non-compliance with this precaution.

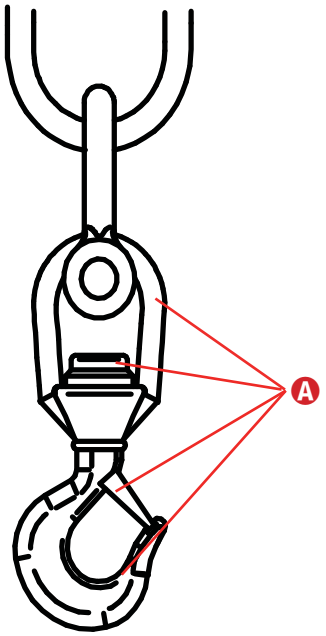
Check the ropes daily and find and rectify any possible fault. Ropes must be replaced when the following signs of deterioration are found:

- when the total diameter of the rope gets reduced by 10% with respect to the original diameter, even in a single point;
- when the rope shows dents, twists or permanent bends caused by damages or sharp edges;
- when a strand is completely broken or when it has suffered from such damages that its useful section is reduced by 40% in some points;
- when the central section of the rope (core) comes out even in a single point;
- when, even though the rope is under tension, one or more strands are slacken or protrude out of the rope;
- in case of clear damages caused by heat (torch, electric arc, etc.)..

Model	Ø Rope	Length
4000mm/900kg Jib	8 mm	30 m
4000 kg Hoist	12 mm	62 m
5000 kg Hoist	13mm	62 m

A-5 Checking the hook

Every time you use the hook, check the hook **A** to ensure that it is in good working condition.



Maintenance

A-6 Checking the safety devices

Checking the **Moment Limiting system of the Telehandler**
(at every use)
Refer to the telehanlder operator's manual.

Checking the **Fluid Powered Locking Valve of the Winch**(at every use)
This device stops the load moving, obstructs motoring over, blocks tubes in the event of their breaking.
To check its efficiency:
- lift a weight
- move the control lever to recover the rope
- set the lever to neutral position: the weight has to stop. If not, contact the Genie Technical Service.

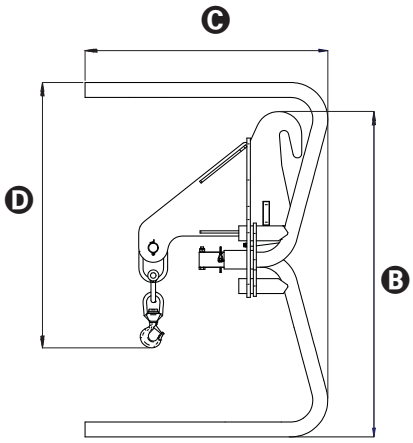
Checking the **Parking Brake** of the **Winch**(at every use)
This device stops the drum when loads are suspended.
To check its efficiency:
- lift a weight
- move the control lever to lower the rope
- set the lever to neutral position: the weight has to stop. If not, contact the Genie Technical Service.

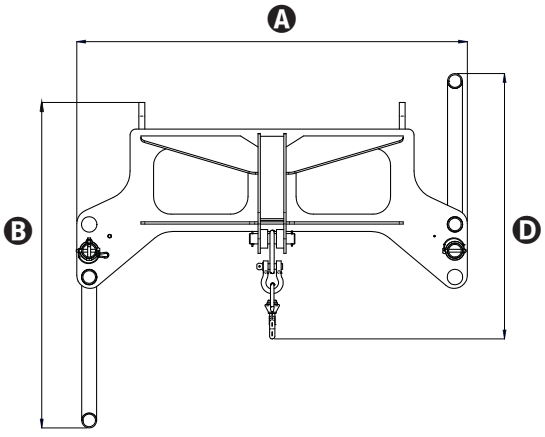
Checking the **Limit Switches** of the **Winch**
(at every use)
This device must maintain the range of the movement of the load between the pre-fixed limits.
To check its efficiency:
- lift a weight
- smoothly move the control lever to recover the rope: the weight should stop once reached the fixed limits. If not, stop recovering the rope and contact the Genie Technical Service.

Checking the **Hoist Limiting Mechanism** of the **Winch**
(at every use)
This device must prevent the winch from hoisting weights which are greater than its maximum limit.
To check its efficiency:
- lift a weight higher then the equipment payload
- move the control lever to recover the rope: the winch should stop at soon as the weight is hoisted from the ground. If not, contact the Genie Technical Service.

Specifications

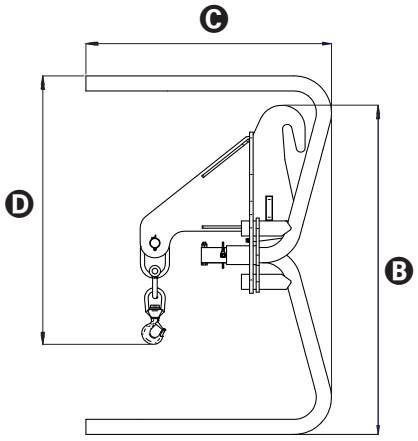
Fixed Hook on plate 2500kg
part number 59.0700.9012GT
for GTH-2506

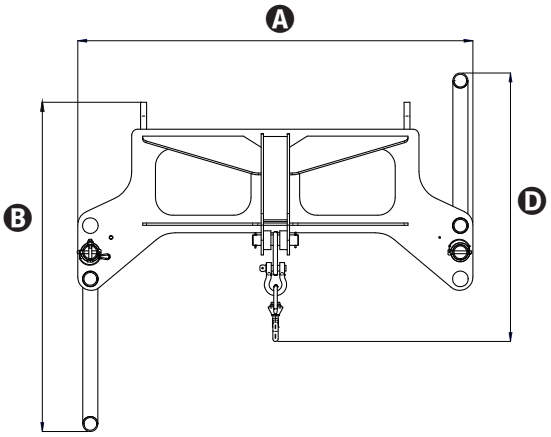




TECHNICAL DATA		
A	Width	1335 mm
B	Height in resting position	1110 mm
C	Length	830 mm
D	Height in working position	910 mm
	Weight	120 kg
	Payload	2500 kg
	COG	150 mm

Fixed Hook on Plate 5000 kg.
part number 59.0700.9013GT
for all the range except GTH-2506

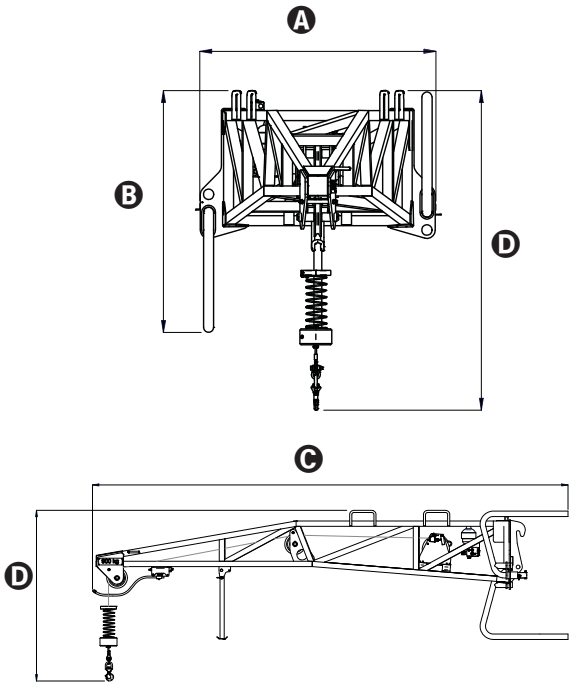




TECHNICAL DATA		
A	Width	1335 mm
B	Height in resting position	1110 mm
C	Length	830 mm
D	Height in working position	1070 mm
	Weight	160 kg
	Payload	5000 kg
	COG	180 mm

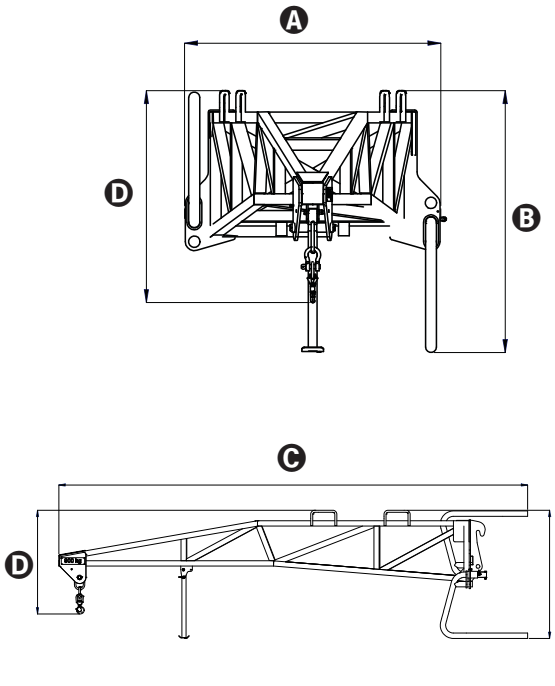
Specifications

4000MM/900KG Hydr. Jib
part number 59.0802.3029GT for:
GTH-4014, GTH-4018, GTH-4016R, GTH-4018R, GTH-5021R



TECHNICAL DATA		
A	Width	1190 mm
B	Height in resting position	1220 mm
C	Length	4485 mm
D	Height in working position	1610 mm
	Weight	320 kg
	Payload	900 kg
	COG	1400 mm

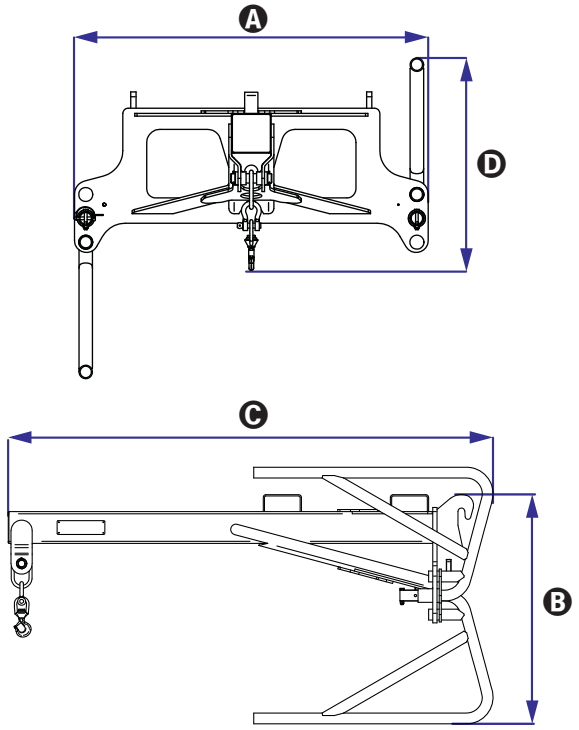
4000MM/900KG Mech Jib
part number 59.0802.3028GT for:
GTH-4014, GTH-4018, GTH-4016R, GTH-4018R, GTH-5021R



TECHNICAL DATA		
A	Width	1190 mm
B	Height in resting position	1220 mm
C	Length	4450 mm
D	Height in working position	980 mm
	Weight	245 kg
	Payload	900 kg
	COG	1340 mm

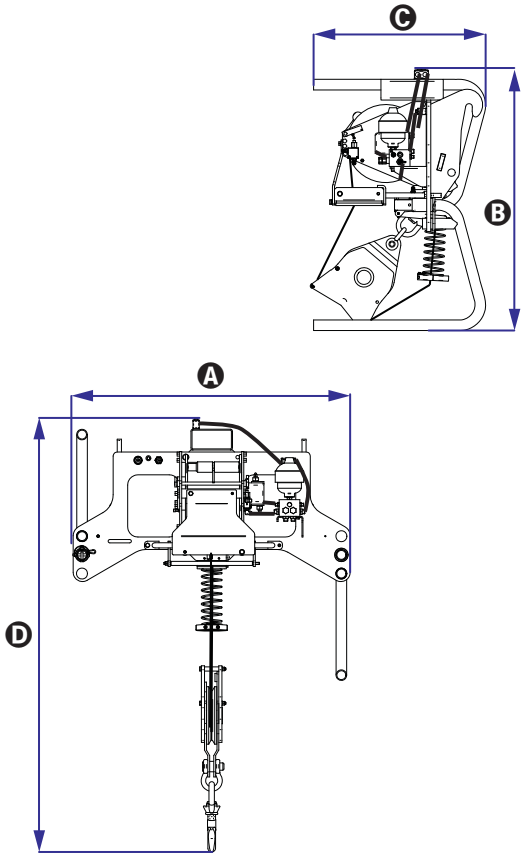
Specifications

2000MM/2000kg JIB
part number 59.0802.3027GT
for all the range.



TECHNICAL DATA		
A	Width	1335 mm
B	Height in resting position	1080 mm
C	Length	2290 mm
D	Height in working position	800 mm
	Weight	255 kg
	Payload	2000 kg
	CoG	490 mm

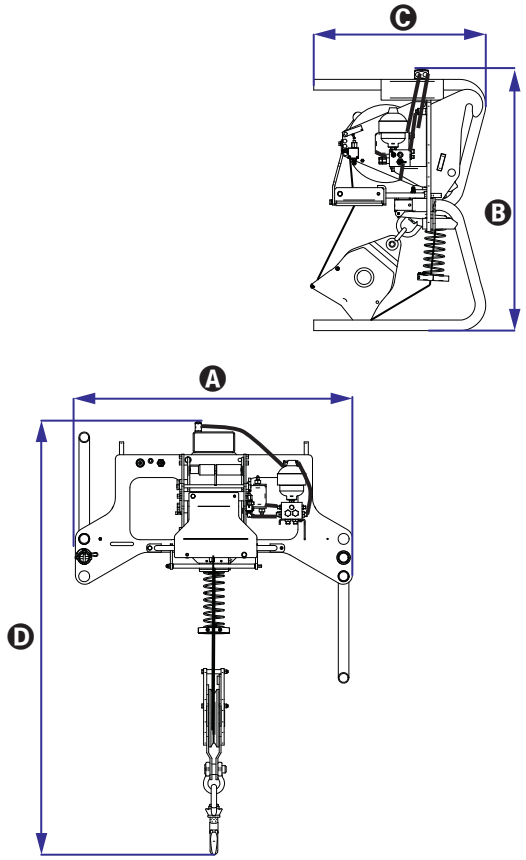
4000kg WINCH
part number 59.0901.9015GT
for all the range except GTH-2506



TECHNICAL DATA		
A	Width	1335 mm
B	Height in resting position	1260 mm
C	Length	830 mm
D	Height in working position	1840 mm
	Weight	380 kg
	Payload	4000 kg
	CoG	260 mm

Specifications

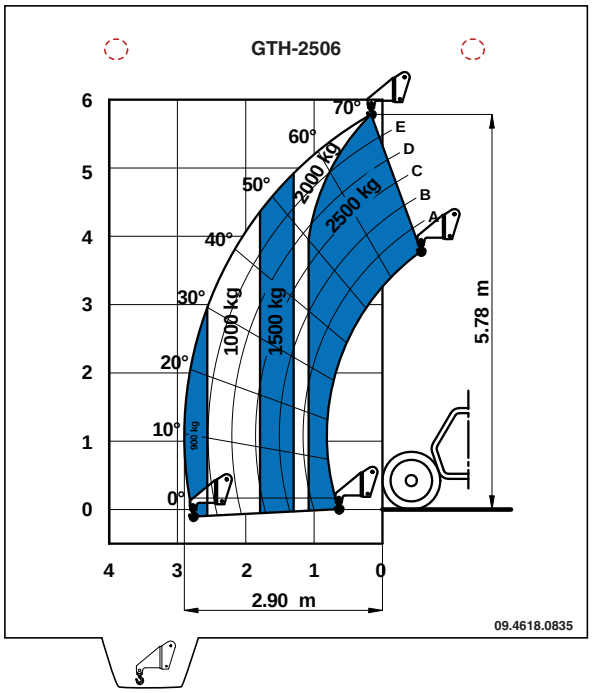
5000kg WINCH
part number 59.0901.9008GT
for GTH-5021R



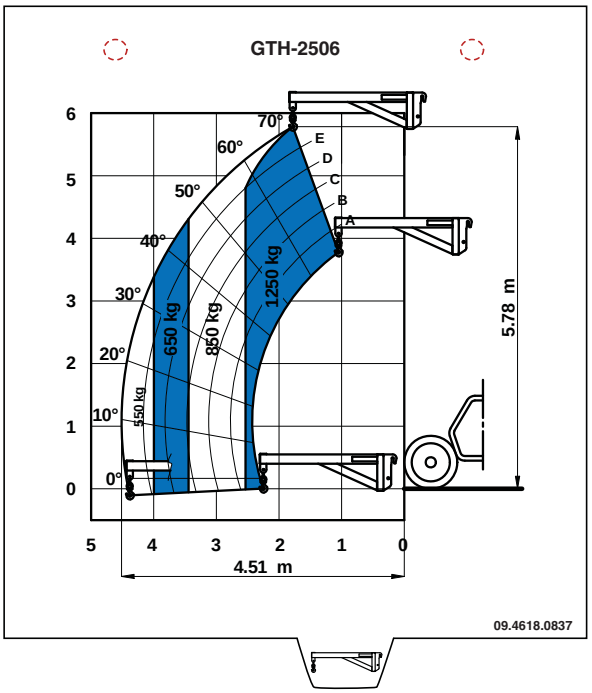
TECHNICAL DATA		
A	Width	1335 mm
B	Height in resting position	1265 mm
C	Length	835 mm
D	Height in working position	2050 mm
	Weight	470 kg
	Payload	5000 kg
	CoG	325 mm

Load Charts

GTH-2506, Fixed Hook on plate 2500Kg

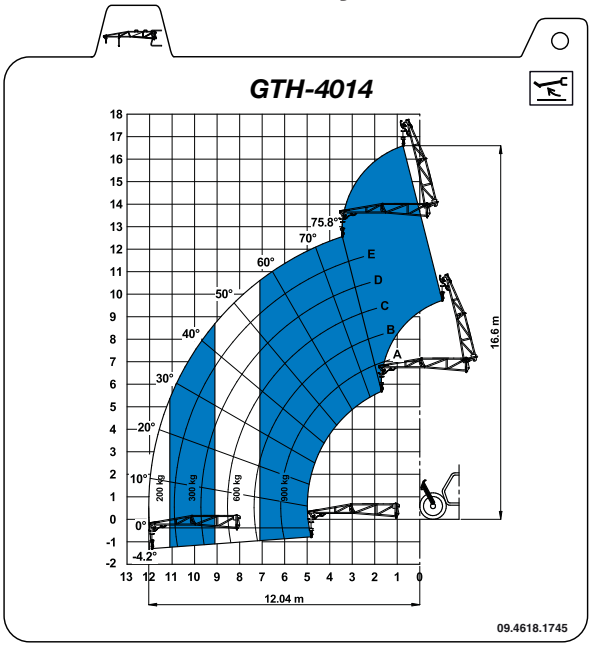


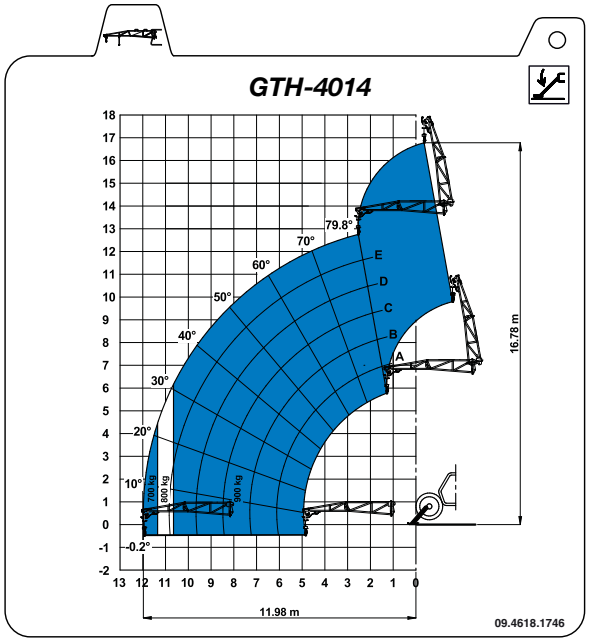
GTH-2506, 2000mm/2000kg JIB



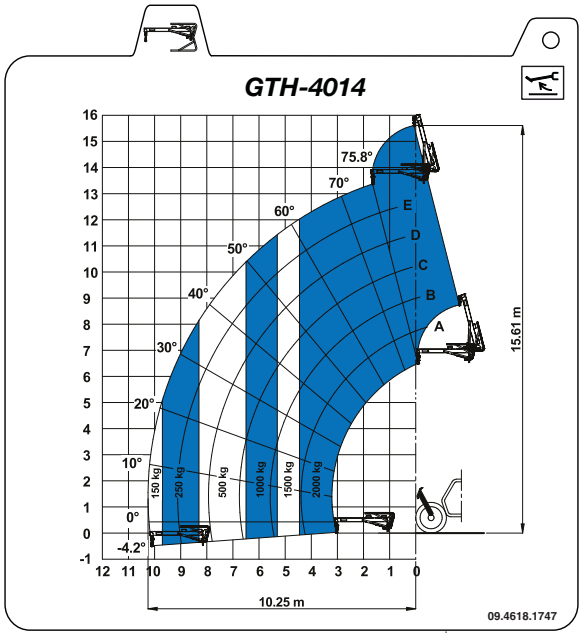
Load Charts

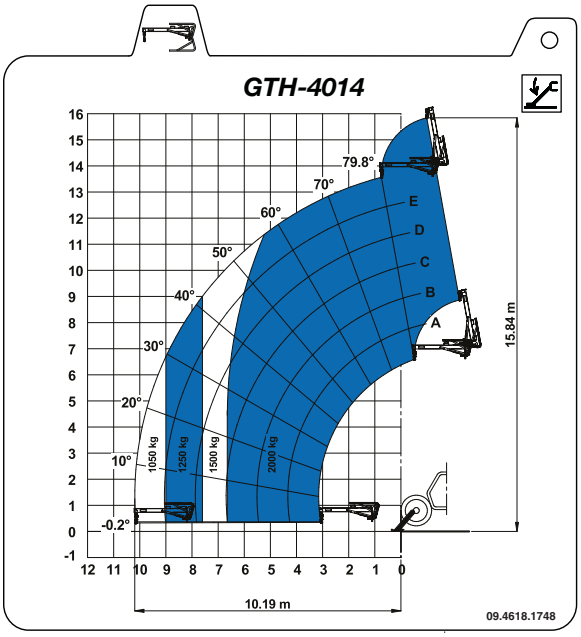
GTH-4014, Mech./Hydr. Jib 4000mm/900kg





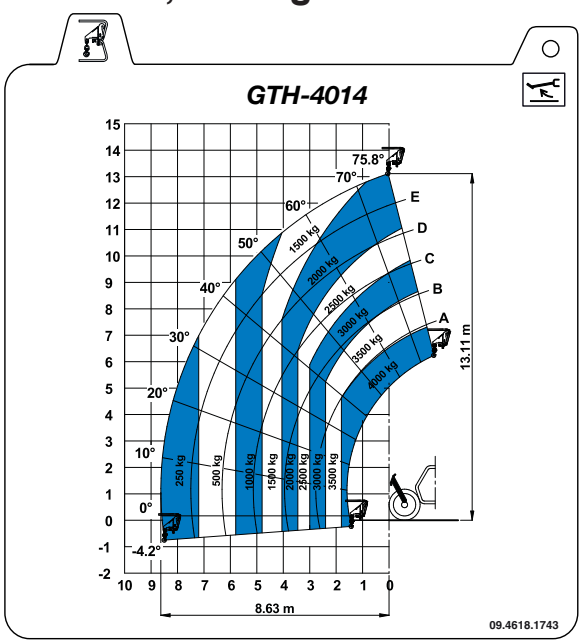
GTH-4014, 2000mm/2000kg Mechanical Jib

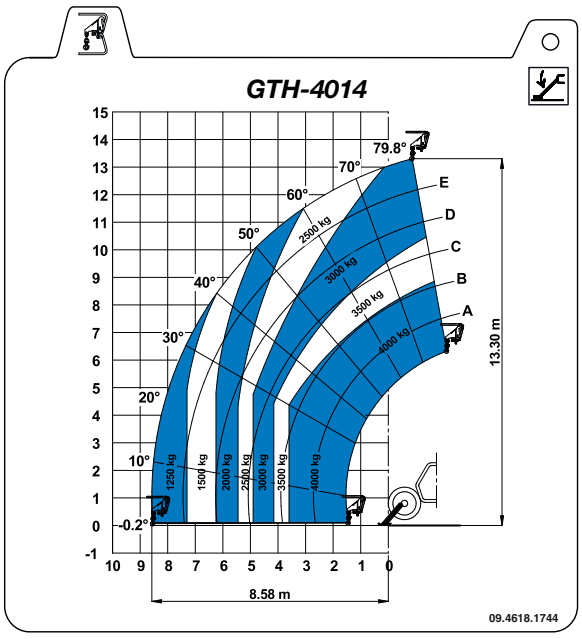




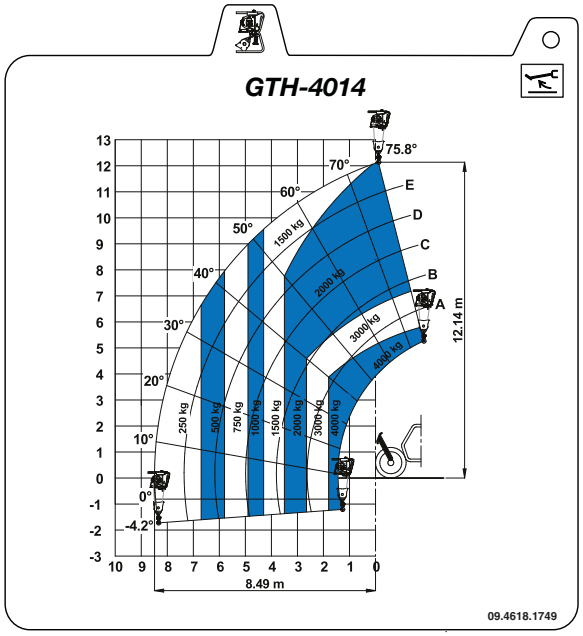
Load Charts

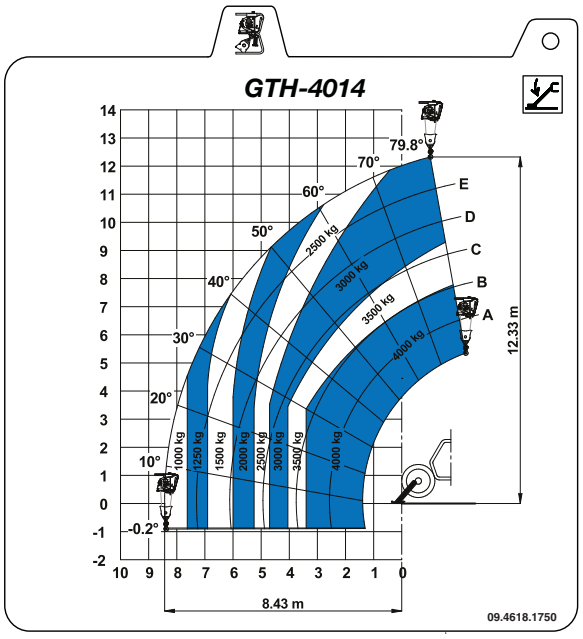
GTH-4014, 5000kg Fixed Hook on plate





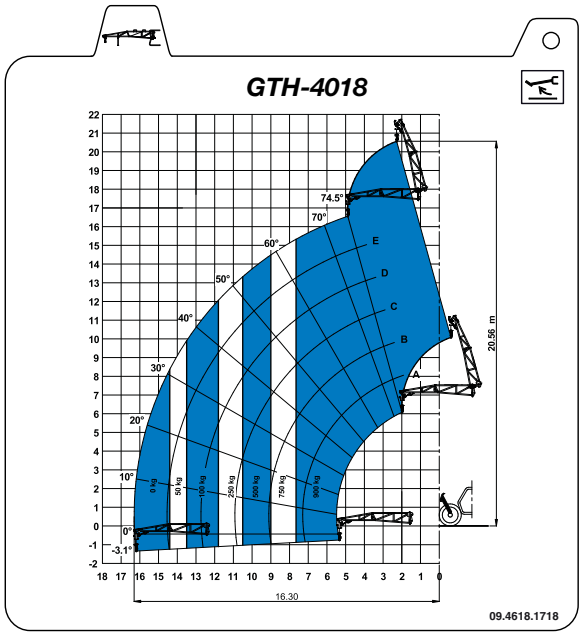
GTH-4014, 4000kg Winch

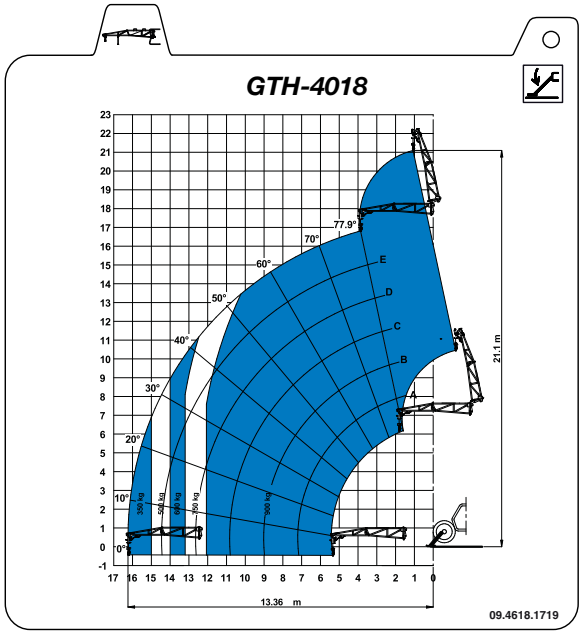




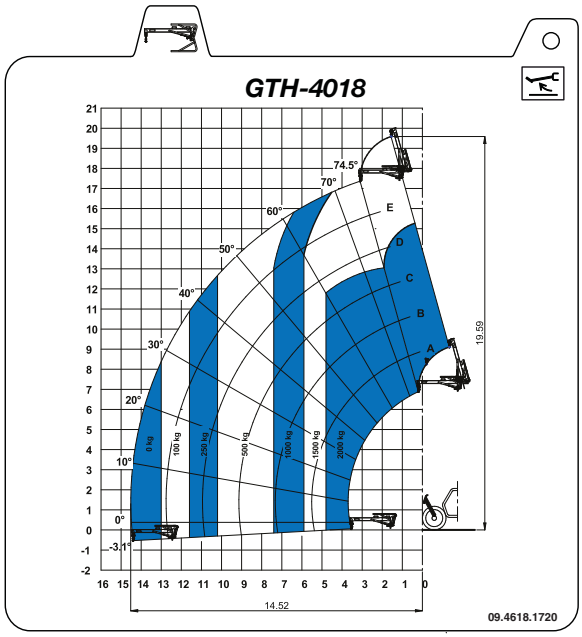
Load Charts

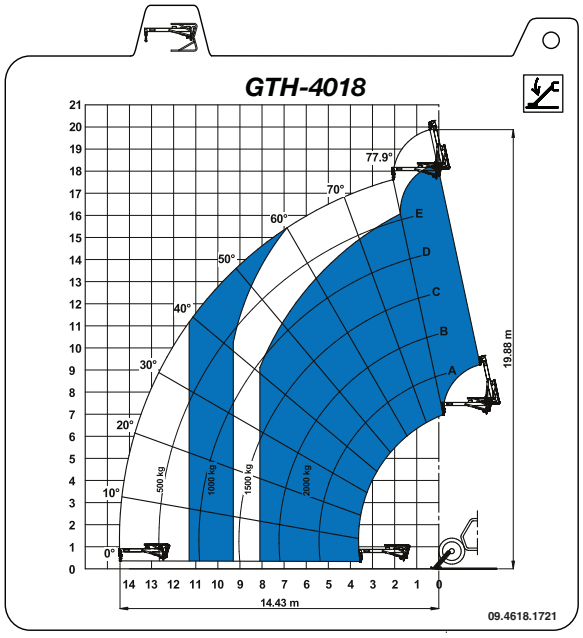
GTH-4018, 4000mm/900kg Mech./Hydr. JIB





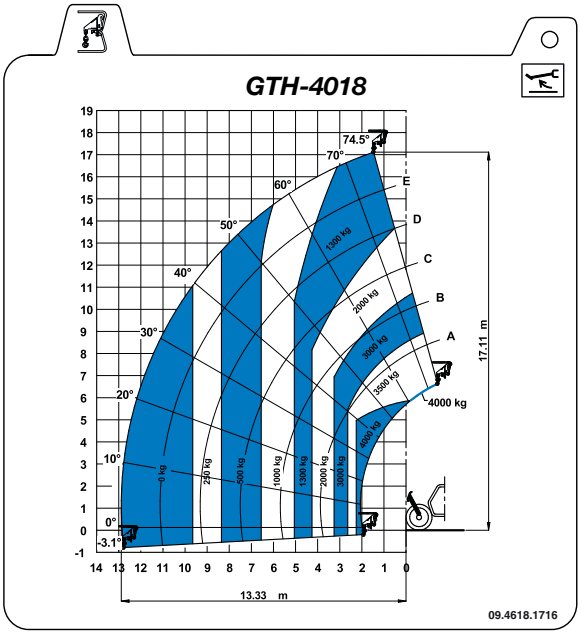
GTH-4018, 2000mm/2000kg Mechanical Jib

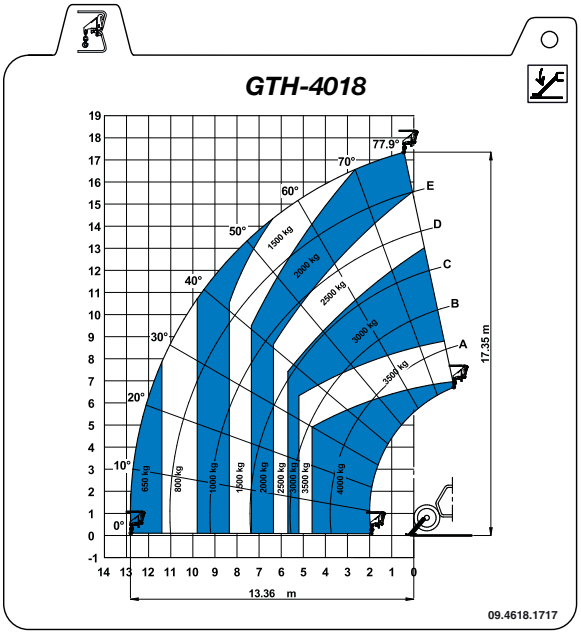




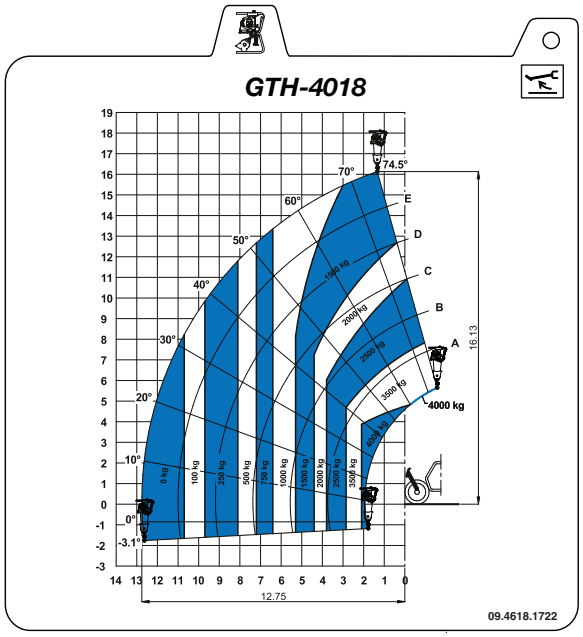
Load Charts

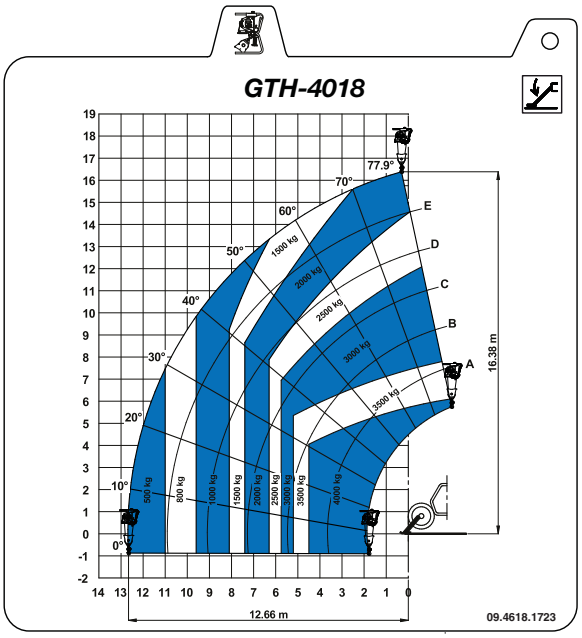
GTH-4018, Fixed Hook on plate 5000Kg





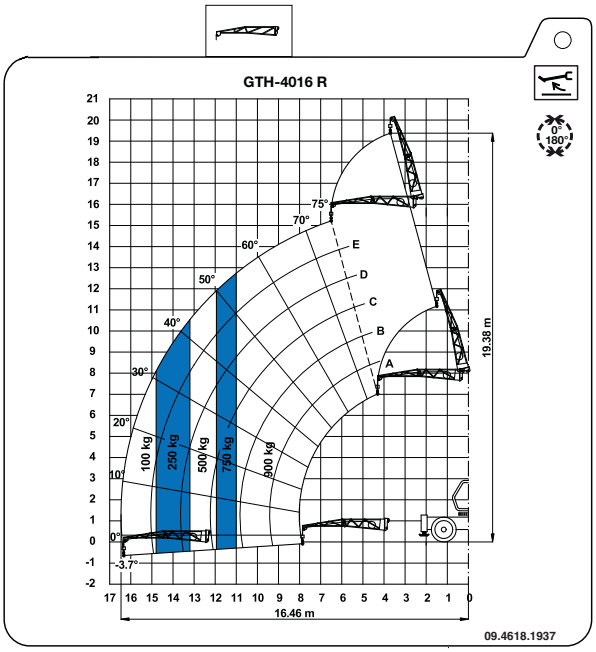
GTH-4018, 4000Kg Winch

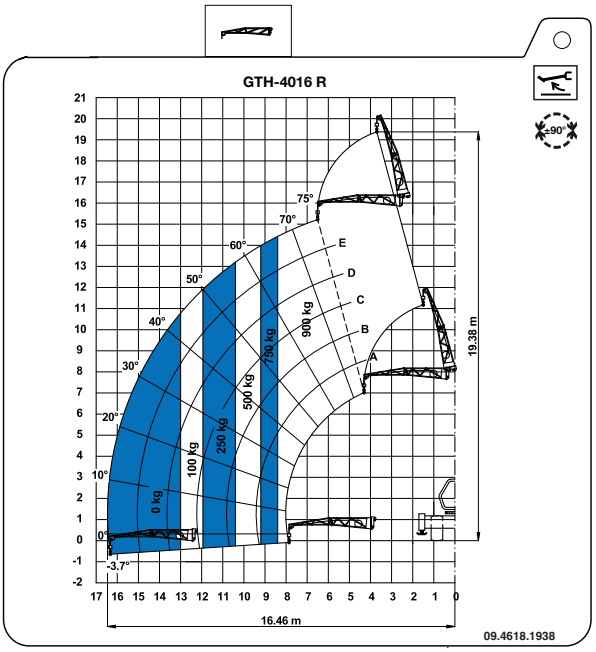


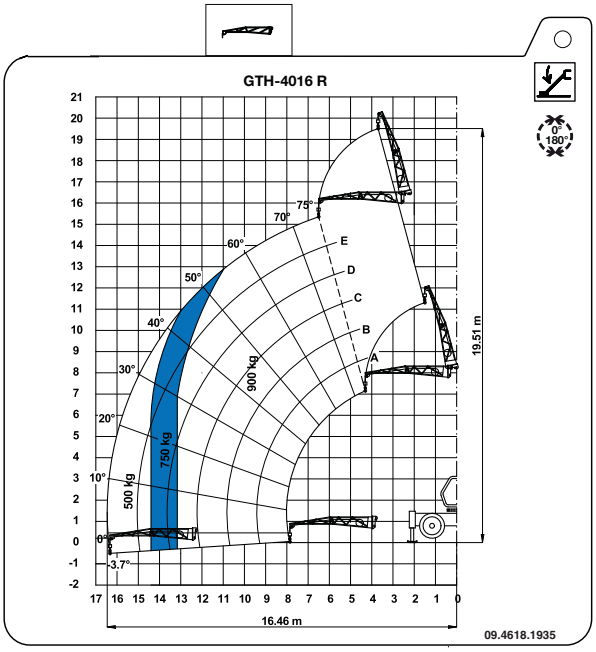


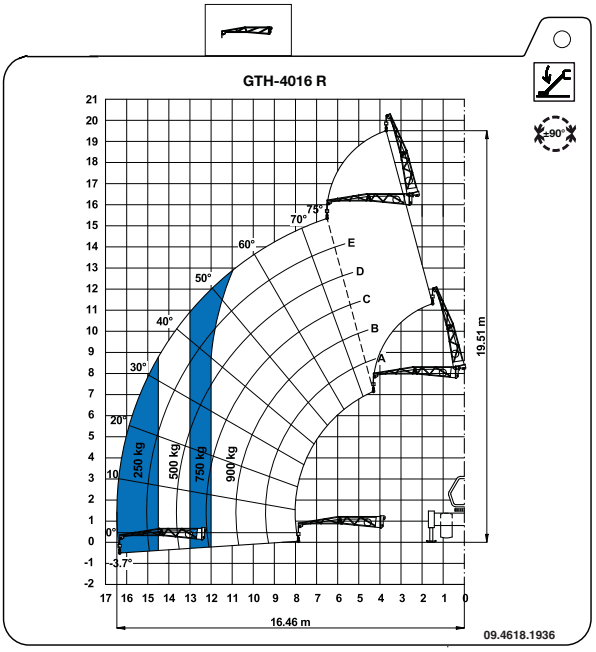
Load Charts

GTH-4016 R, 4000mm/900Kg Mech./Hydr. Jib



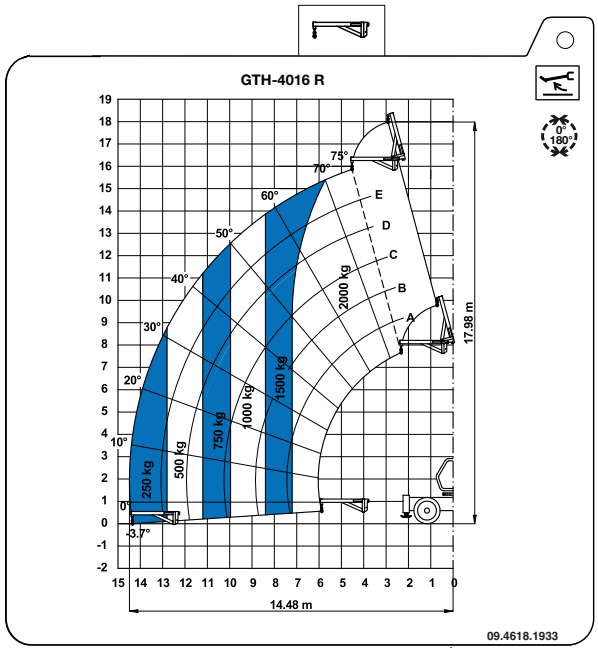


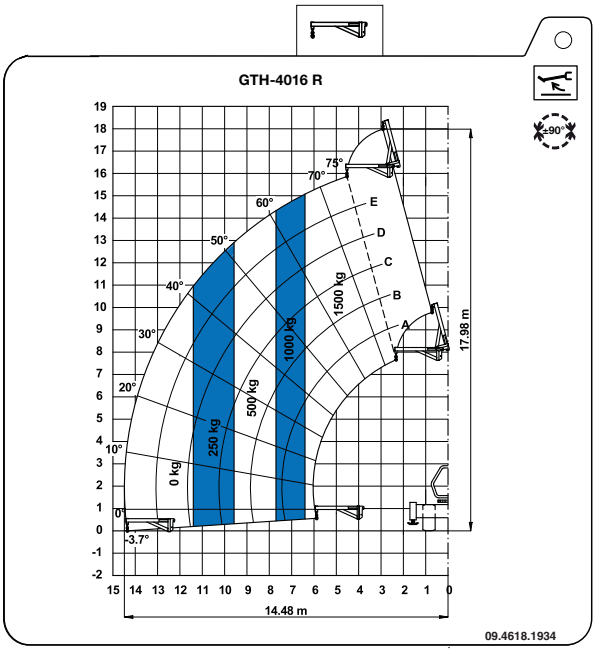


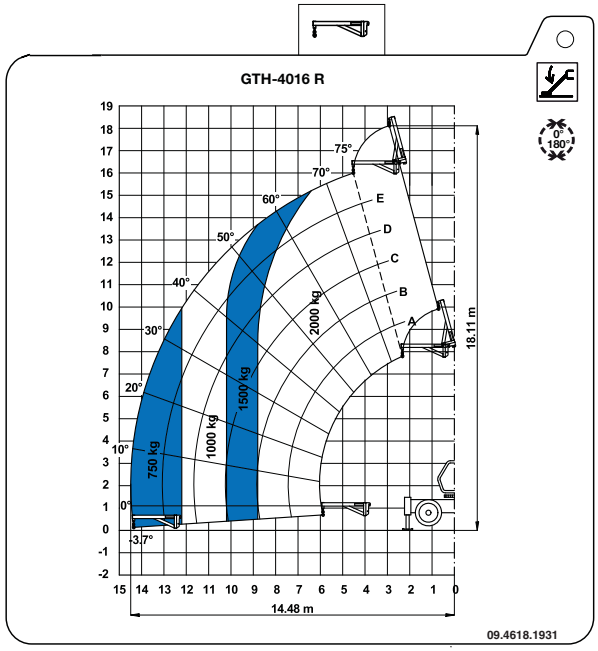


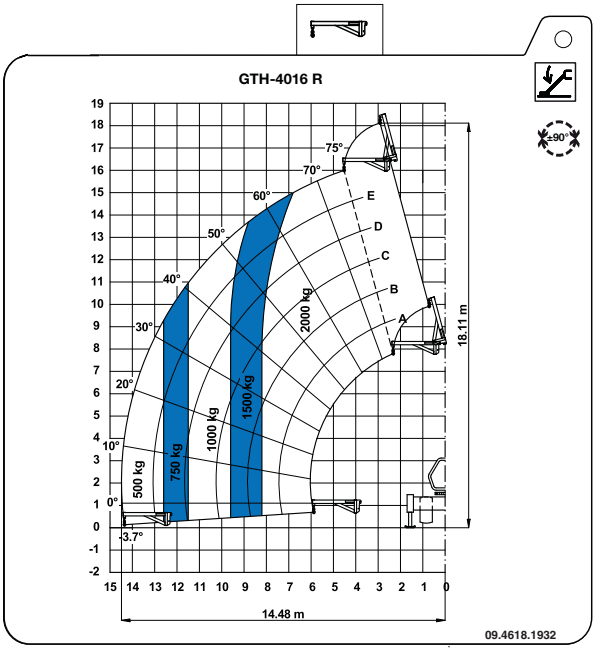
Load Charts

GTH-4016 R, 2000mm/2000Kg Mechanical Jib



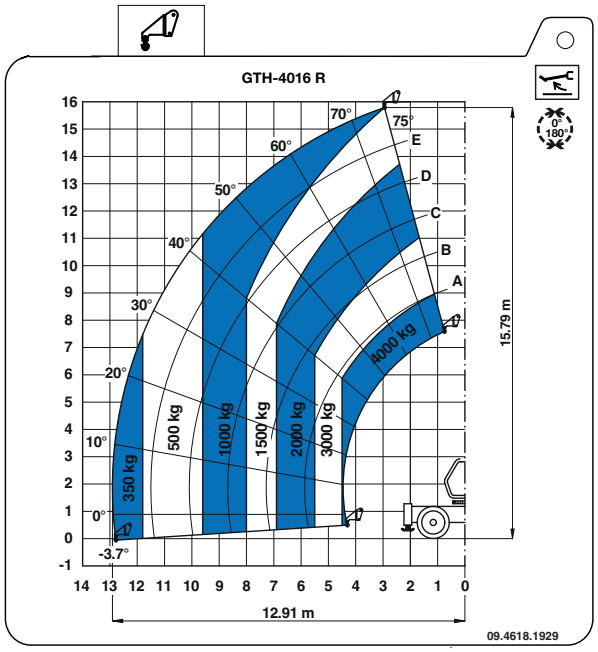


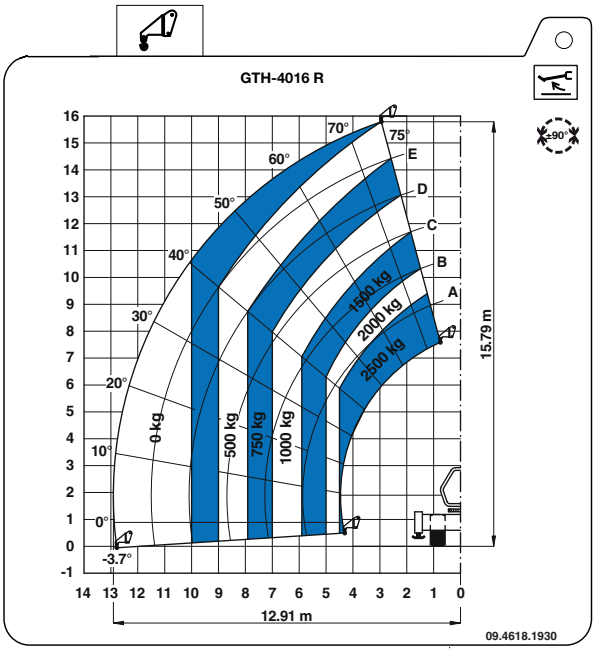


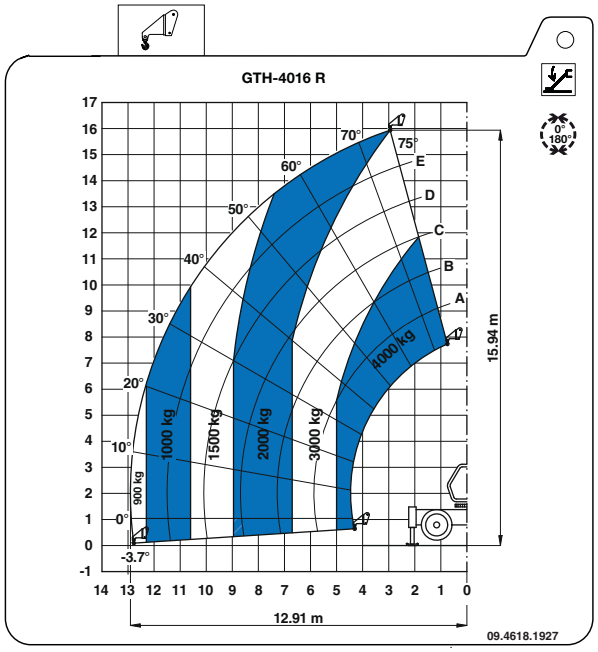


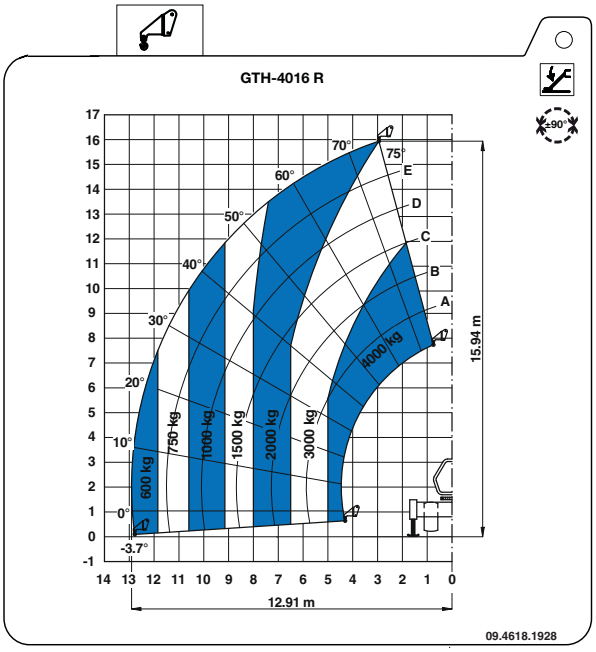
Load Charts

GTH-4016 R, Fixed Hook on plate 5000Kg



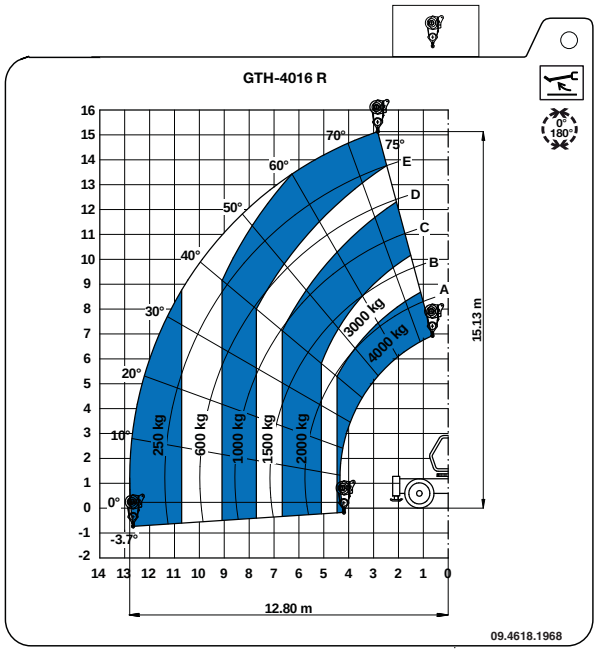


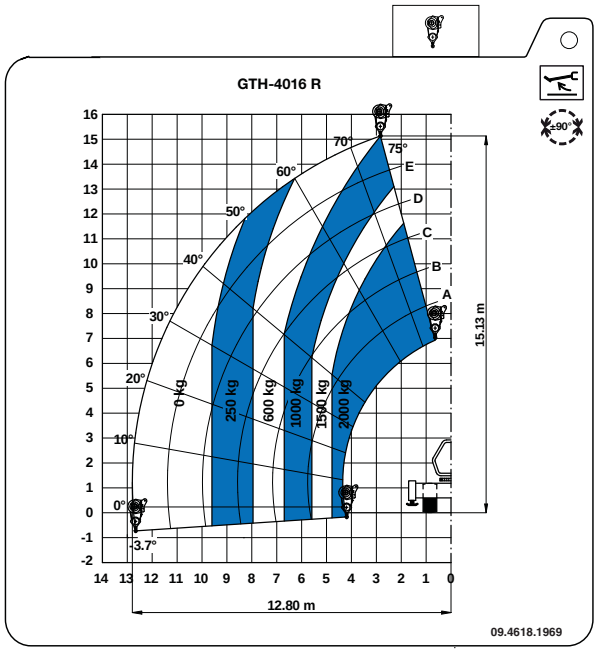


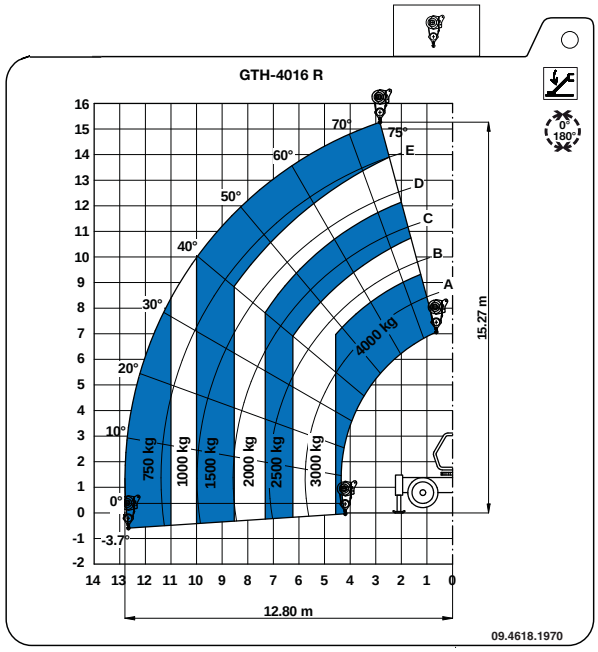


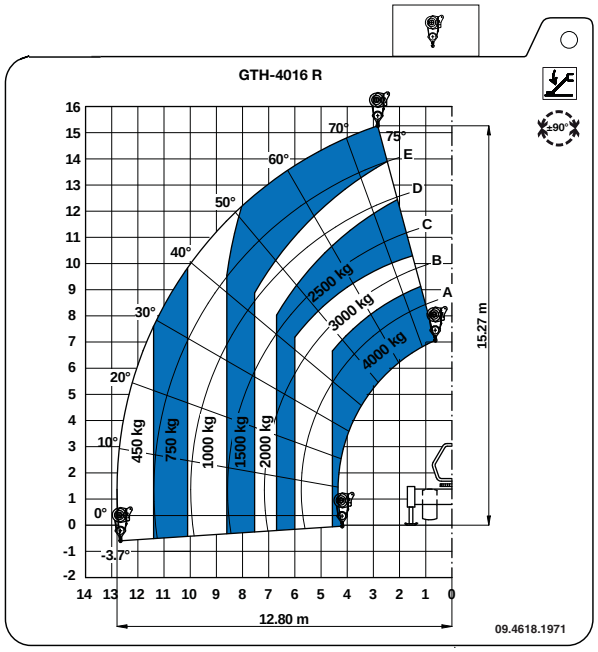
Load Charts

GTH-4016 R, 4000Kg Winch



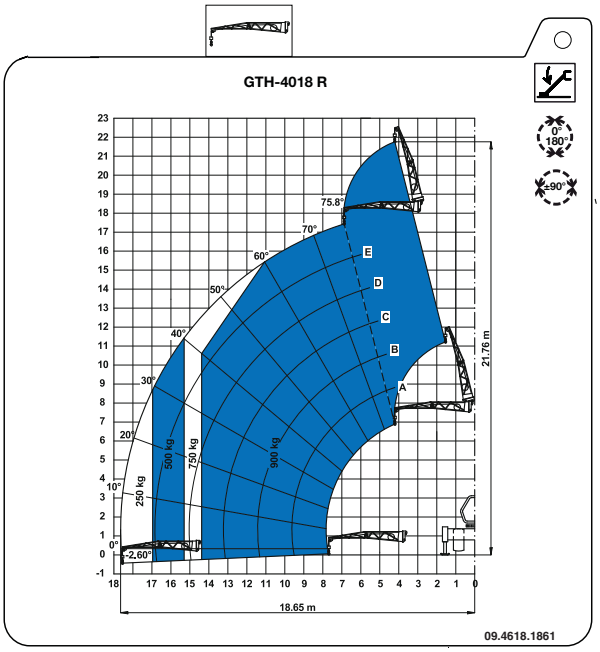


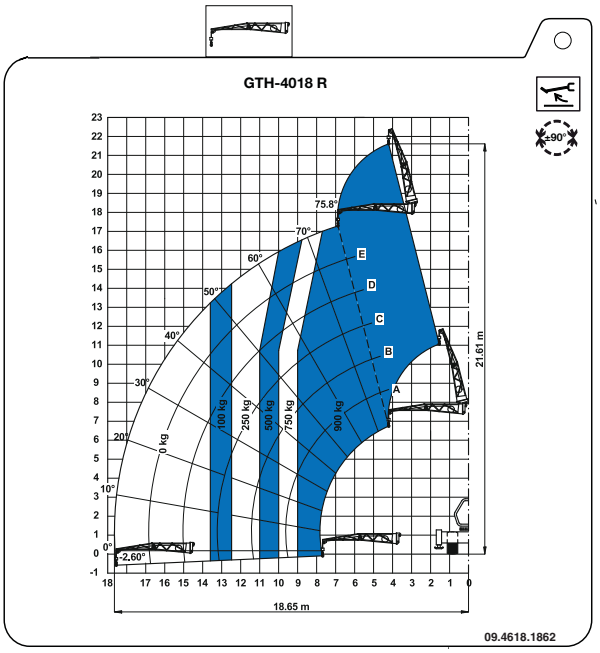


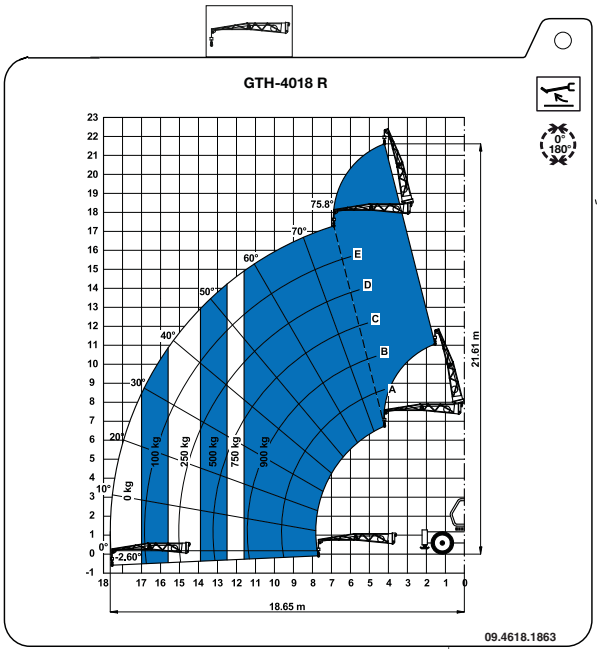


Load Charts

GTH-4018 R, 4000mm/900Kg Mech./Hydr. Jib

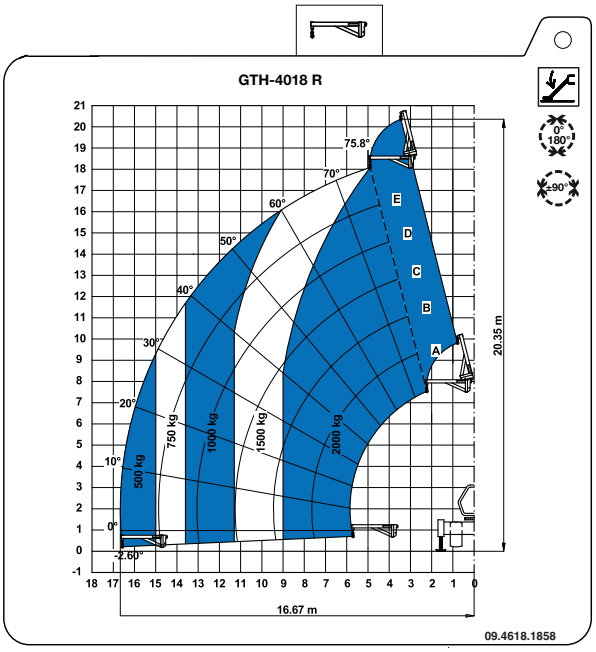


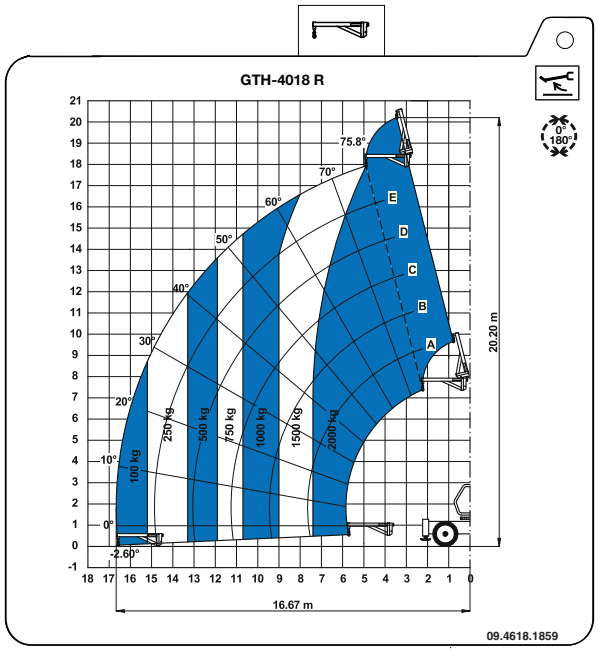


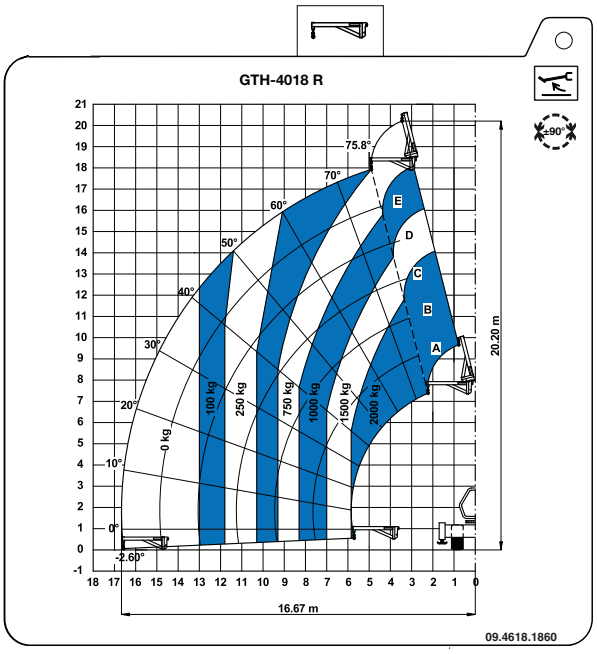


Load Charts

GTH-4018 R, 2000mm/2000Kg Mechanical Jib

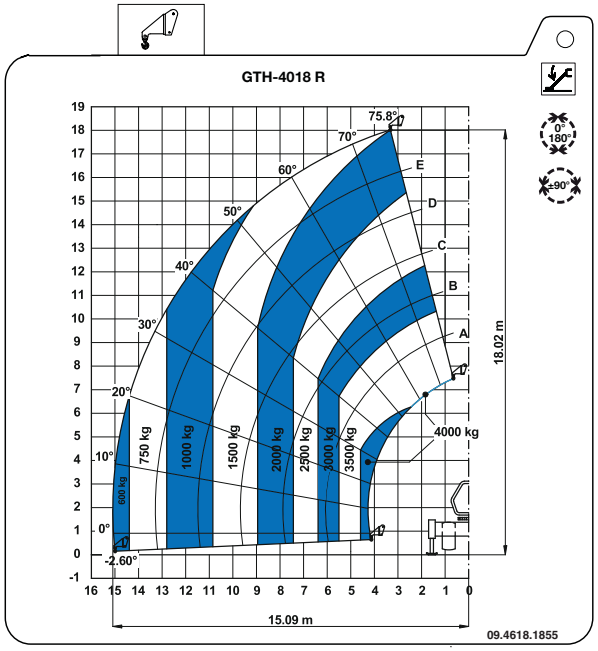


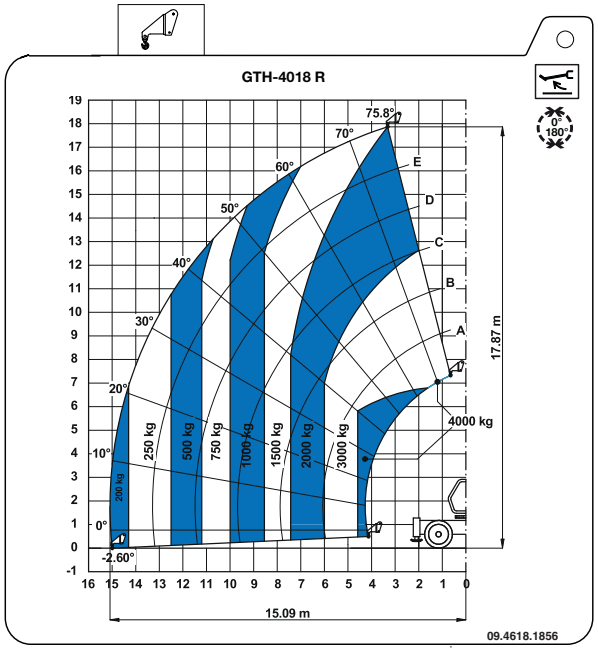


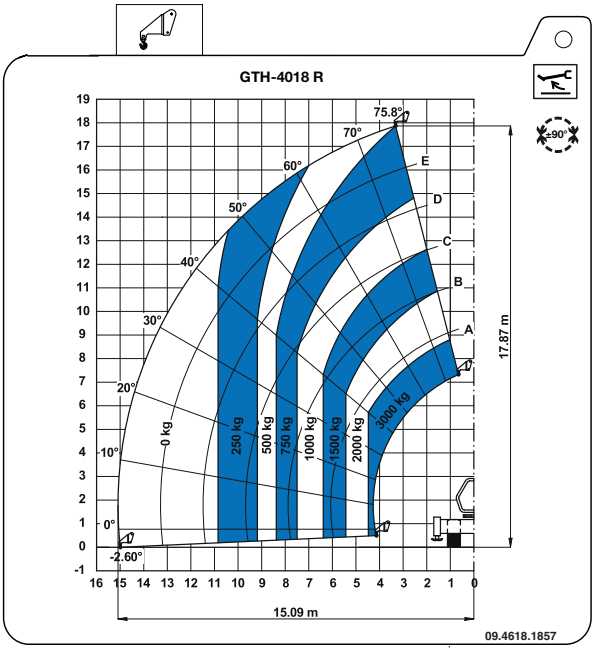


Load Charts

GTH-4018 R, Fixed Hook on plate 5000Kg

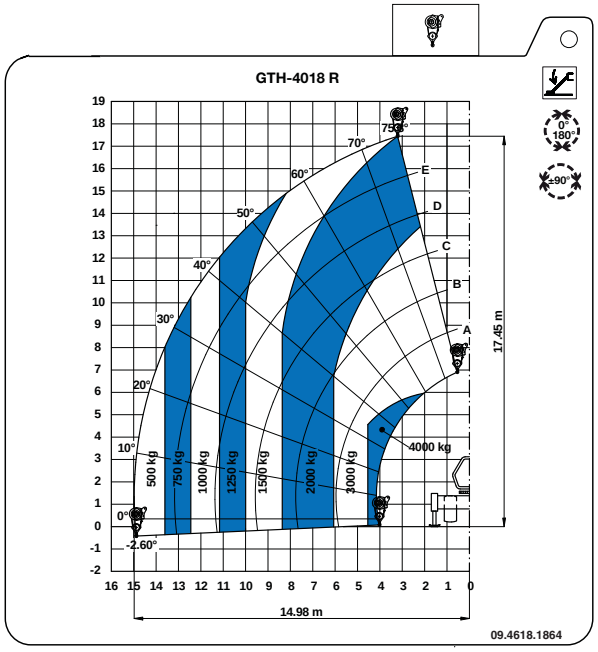


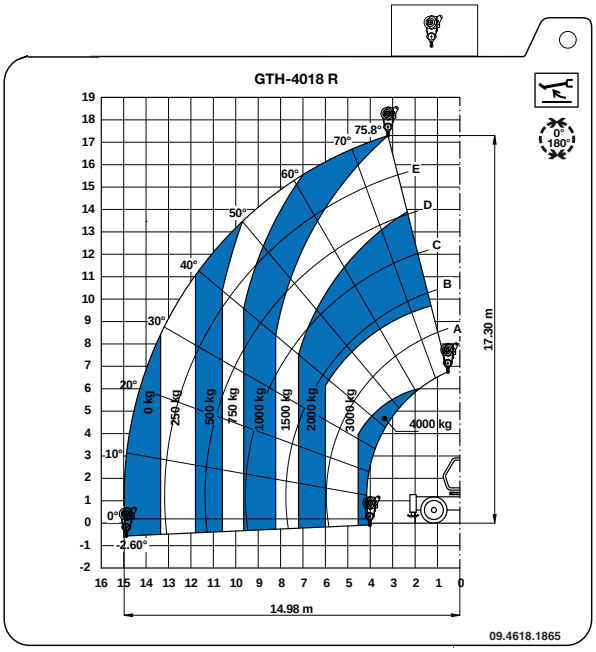


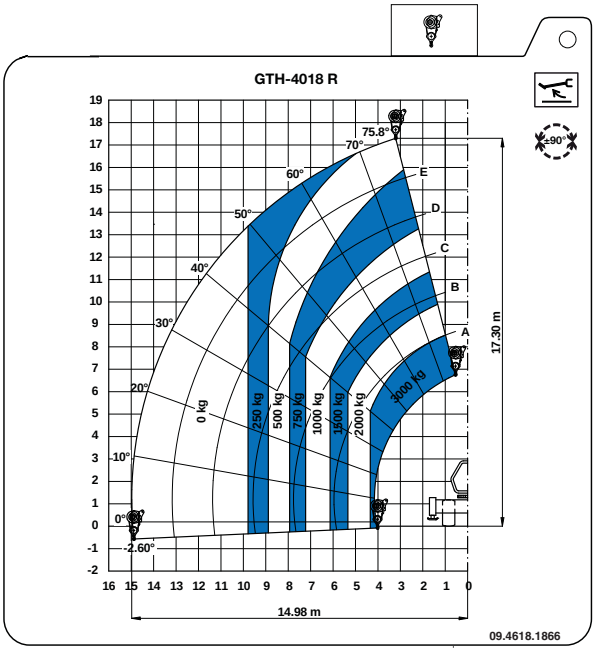


Load Charts

GTH-4018 R, 4000Kg Winch

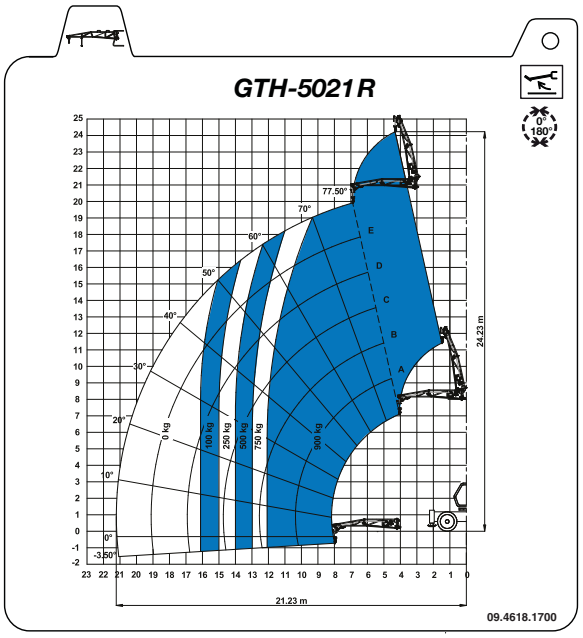


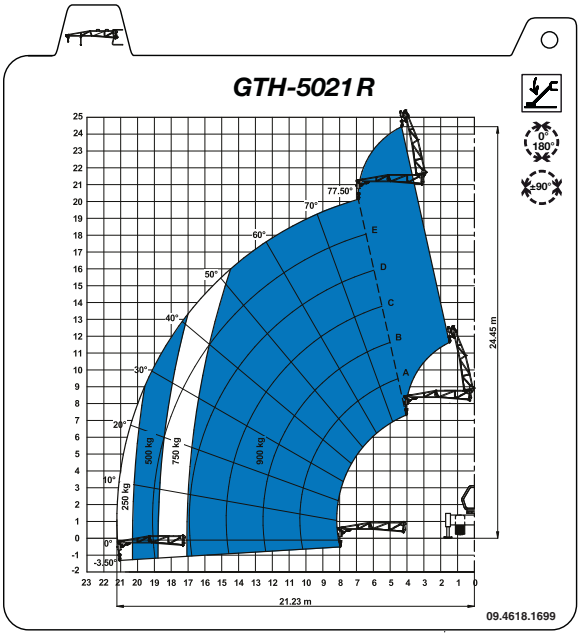


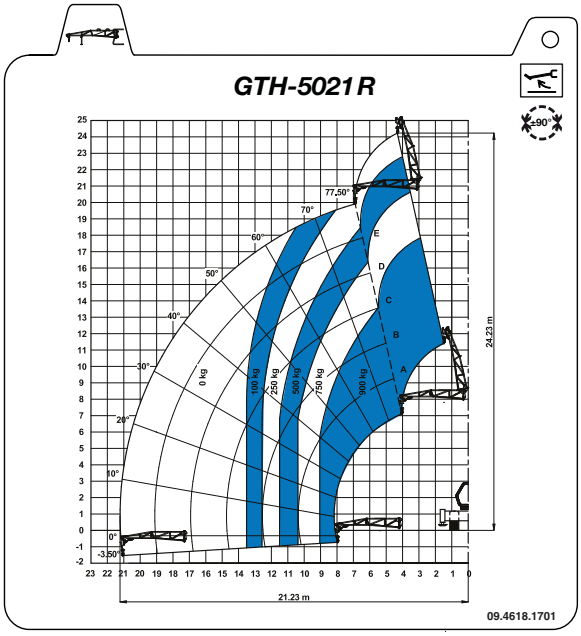


Load Charts

GTH-5021R, 4000mm/900Kg Mech./Hydr. Jib

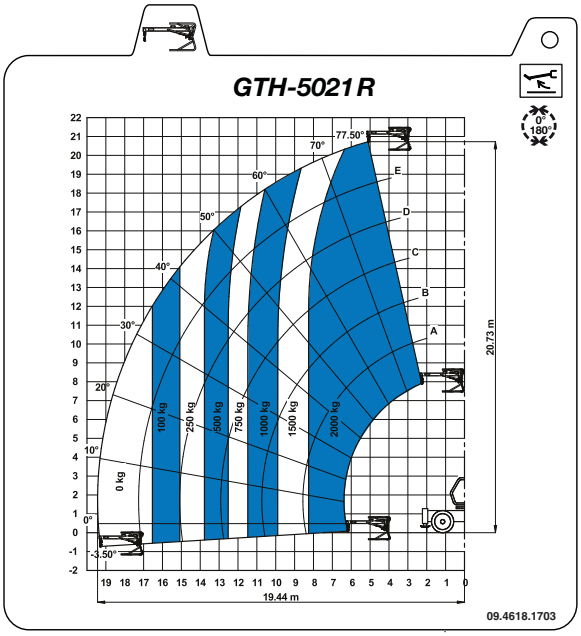


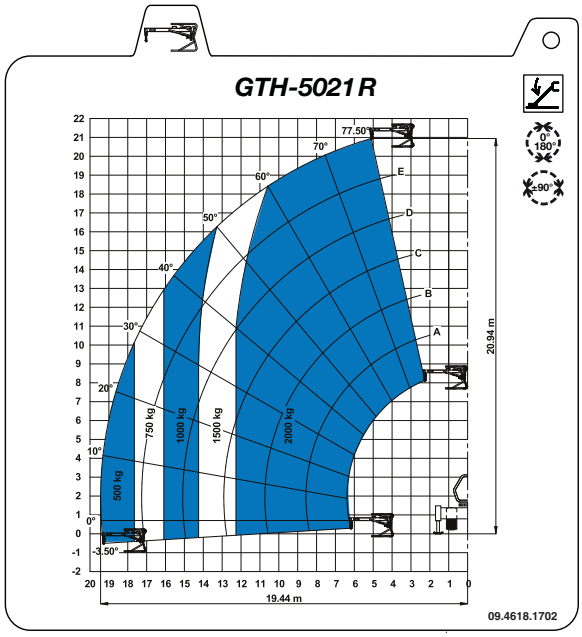


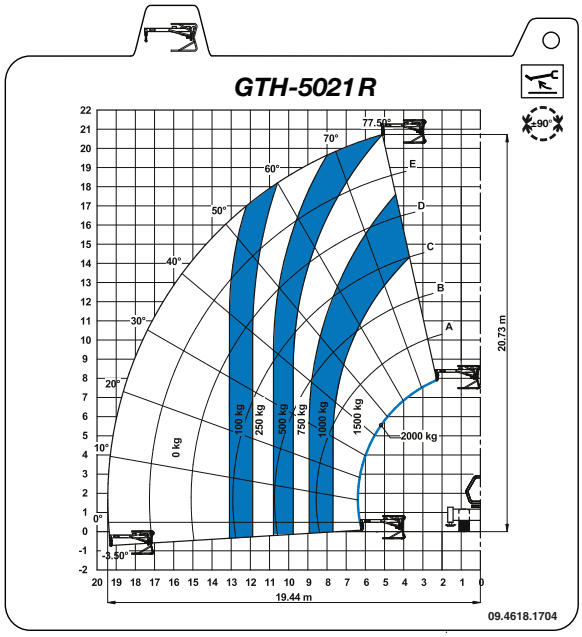


Load Charts

GTH-5021R, 2000mm/2000Kg Mechanical Jib

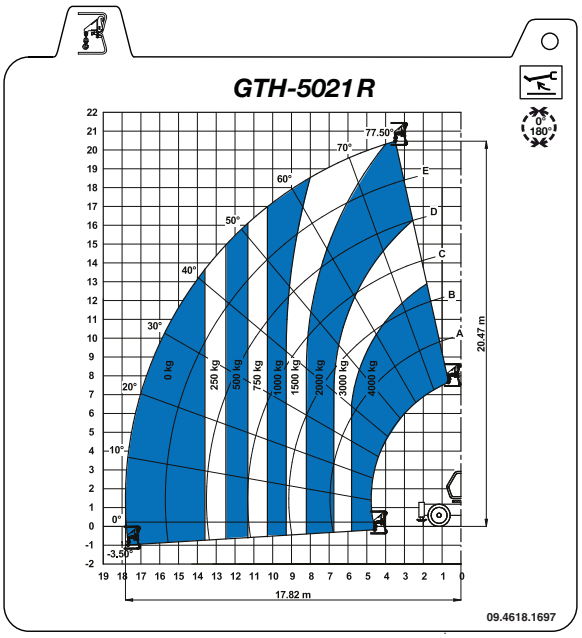


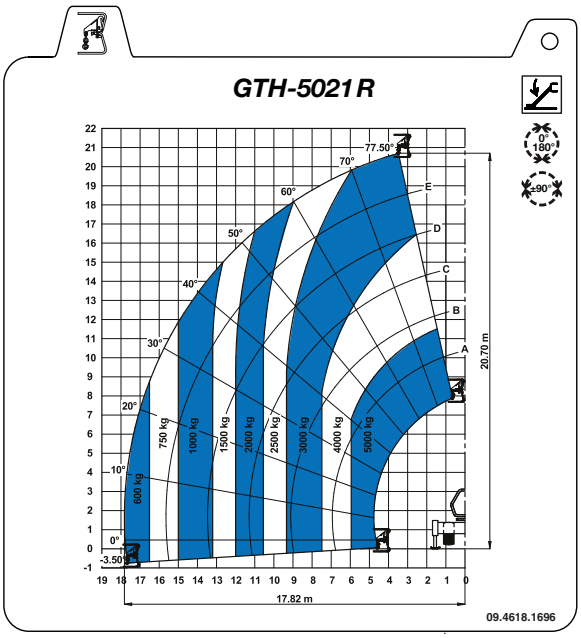


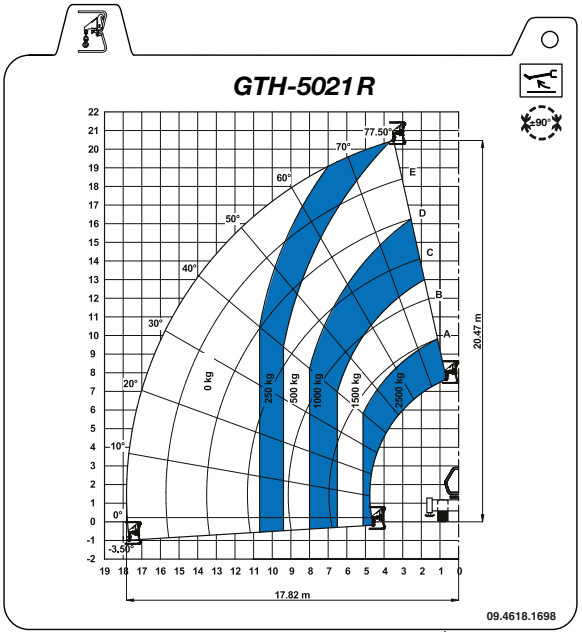


Load Charts

GTH-5021R, Fixed Hook on plate 5000Kg

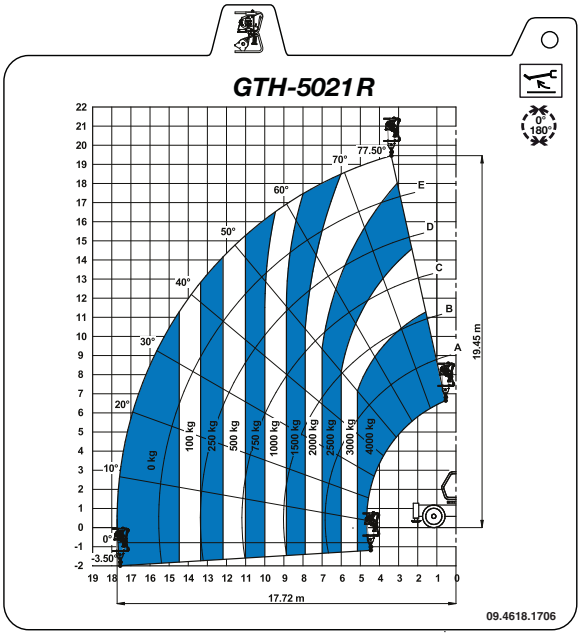


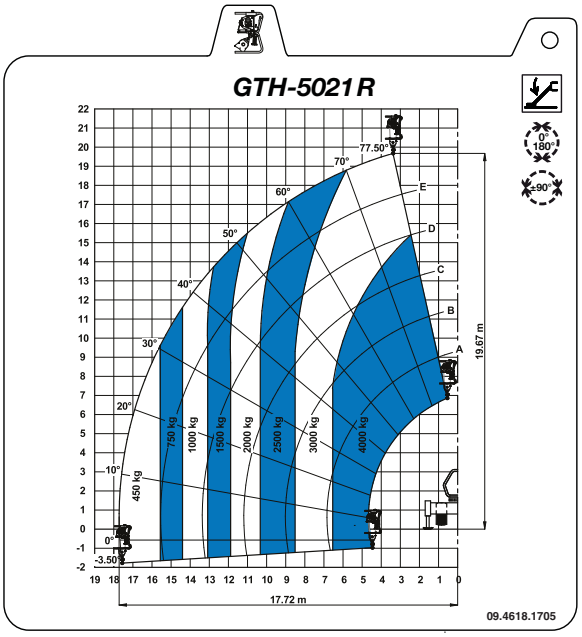


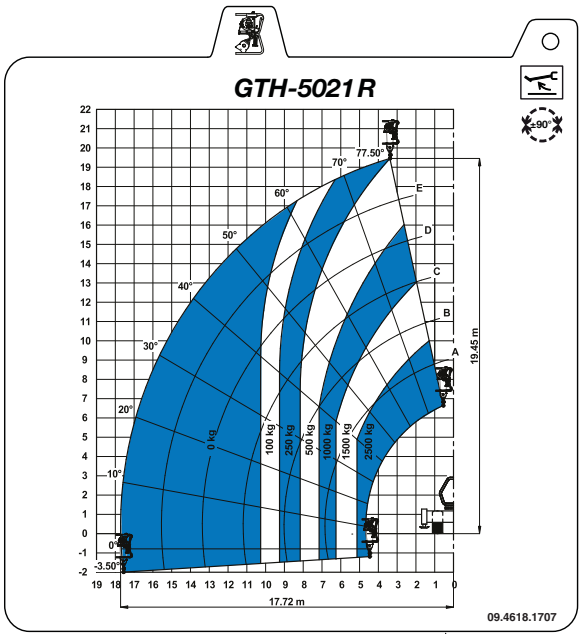


Load Charts

GTH-5021R, 4000Kg Winch

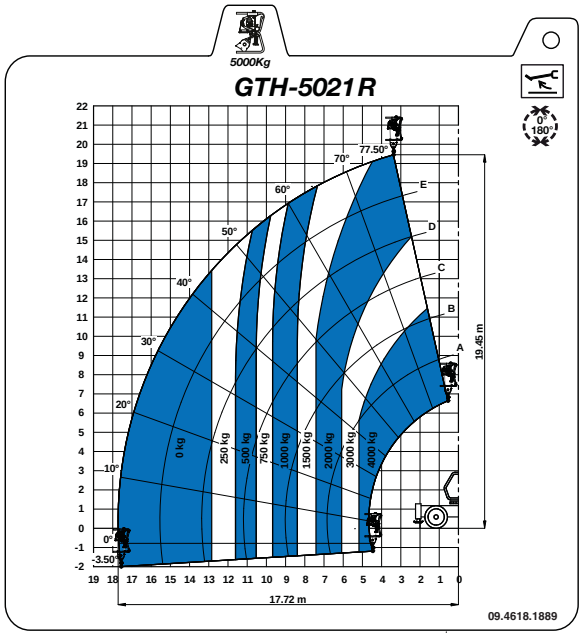


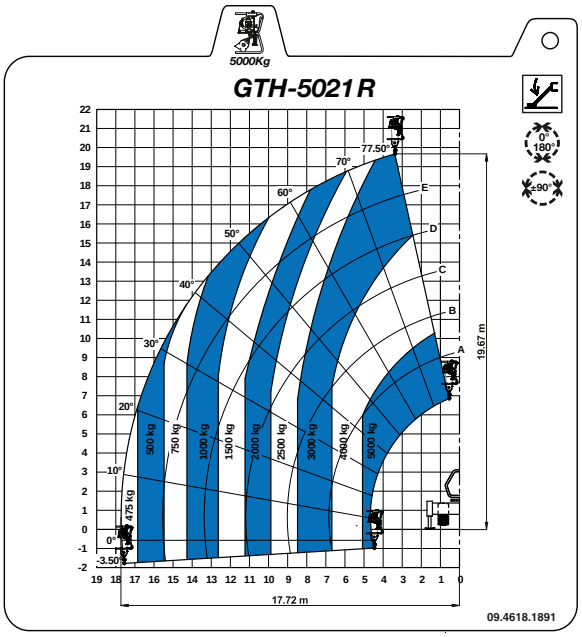


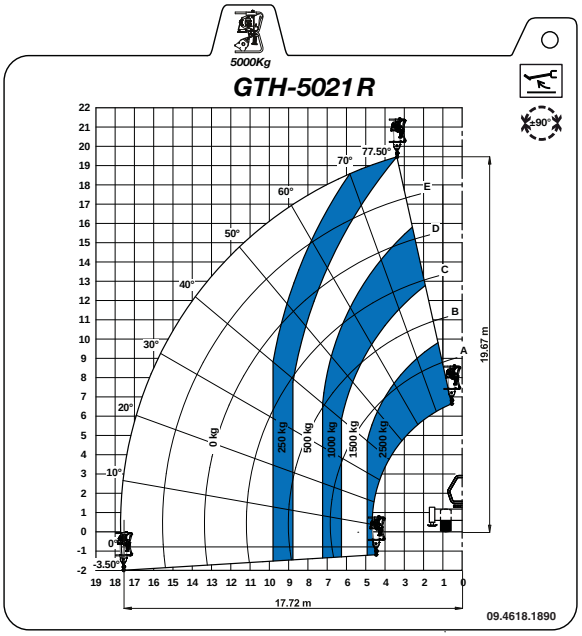


Load Charts

GTH-5021R, 5000Kg Winch







Beaufort Wind Scale

Beaufort Number	Description	Wind Speed m/s	Land Condition
0	Calm	< 0.3.	Calm. Smoke rises vertically.
1	Light air	0.3 - 1.5	Wind motion visible in smoke.
2	Light breeze	1.6 - 3.4	Wind felt on exposed skin. Leaves rustle.
3	Gentle breeze	3.5 - 5.4	Leaves and smaller twigs in constant motion.
4	Moderate breeze	5.5 - 7.9	Dust and loose paper raised. Small branches begin to move.
5	Fresh breeze	8.0 - 10.7	Branches of a moderate size move. Small trees begin to sway.
6	Strong breeze	10.8 - 13.8	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult. Empty plastic garbage cans tip over.
7	High wind, Moderate gale, Near gale	13.9 - 17.1	Whole trees in motion. Effort needed to walk against the wind. Swaying of skyscrapers may be felt, especially by people on upper floors.
8	Gale, fresh gale	17.2 - 20.7	Some twigs broken from trees. Cars veer on road. Progress on foot is seriously impeded.
9	Strong gale	20.8 - 24.4	Some branches break off trees, and some small trees blow over. Construction/temporary signs and barricades blow over. Damage to circus tents and canopies.
10	Storme, whole gale	24.5 - 28.4	Trees are broken off or uprooted, saplings bent and deformed. Poorly attached asphalt shingles and shingles in poor condition peel off roofs.
11	Violent storm	28.5 - 32.6	Widespread damage to vegetation. Many roofing surfaces are damaged; asphalt tiles that have curled up and/or fractured due to age may break away completely.
12	Hurricane force	32.7 >	Very widespread damage to vegetation. Some windows may break; mobile homes and poorly constructed sheds and barns are damaged. Debris may be hurled about.

Content of the EC Declaration Of Conformity

TEREX Global GmbH hereby declares that the machinery described below complies with the provisions of the following Directives:
1. EC Directive **2006/42/EC,** Machinery Directive.
The machinery described below is suitable for Genie telehandlers, models specified in the user manual.
Model/Type:
Description:
Serial Number:
Manufacture Date:
Country of Manufacture:
Manufacturer:
TEREX Global GmbH
Bleicheplatz 2
8200 Schaffhausen
Switzerland
European representative:
Genie UK LTD
The Maltings
Wharf Road, Grantham, Lincolnshire
NG31 6BH United Kingdom
Empowered signatory:
Place of issue:
Date of issue:

Distributed By:

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