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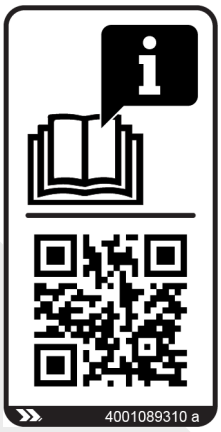
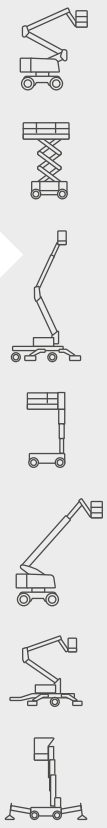
or, scan the QR Code below





OPERATOR'S MANUAL

COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT

4001398740 E 02.26 USA / GB

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Notes

1 Foreword

You have just purchased a HAULOTTE® product and we would like to thank you for your business.

The aerial work platform is a device for lifting people designed and manufactured with the intent to enable users to access overhead elevated temporary workplaces with the necessary tools and equipment. All other uses or alterations/modifications to the aerial work platform must be approved by HAULOTTE®.

This manual shall be considered a permanent component of the machine and shall be kept with the aerial work platform in the designated Manual Holder, at all times.

Safe operation of this product can only be assured if you follow the operating instructions contained in this manual. To ensure the safe and appropriate use of this equipment, only trained personnel are authorised to use and carry out maintenance on the aerial work platform.

We would particularly like to draw your attention to 2 essential points:
- Comply with safety instructions.
- Use this equipment within the performance limits specified by this user manual.

With regard to the designation of our equipment, we stress that this is purely for commercial purposes and not to be confused with the technical specifications. Only the specifications in this manual should be used to study the suitability of the equipment for the intended use.

This operator's manual is specific to the HAULOTTE® products listed on the cover page of this manual.

Original language and version: Manuals in English and French are the original instructions. Manuals in other languages are translations of the original instructions.

The user manual does not replace the necessary training that is required for all of this machine's operators. HAULOTTE® has compiled this manual to assist in safe and efficient operation of the products covered in the manual.

The manual must be available to all operators and must be kept in a legible condition. Additional copies can be ordered from HAULOTTE Services®.

Stay Safe and keep working with HAULOTTE®!

For online reference and to download the manuals for your machines HAULOTTE®, go to:

https://www.e-technical-information.com

Or, scan the QR Code below:

2 Responsibilities

2.1 Owner's responsibility

The owner (or hirer) has the obligation to:
- To inform operators of the instructions contained in the Operator's Manual.
- Follow local regulations regarding operation of the machine.
- Replace all manuals or labels that are missing or in poor condition. Additional copies can be ordered from HAULOTTE Services®.
- To establish a preventive maintenance program in accordance with the manufacturer's recommendations, taking into account the environment and severity of use of the machine.
- To perform periodic inspections in accordance with HAULOTTE® recommendations and local regulations.

All malfunctions and problems identified during the inspection shall be corrected before the aerial work platform is returned to service.

2.2 Employer's responsibility

The employer (or plant superintendent) is required:
- To train and check the training of users.
- To authorise the trained user(s) to use the machine.
- To inform and familiarize the operator with the local regulations.
- Forbid anyone from operating the machine if:
  - Under the influence of drugs, alcohol, etc.
  - Subject to fits, convulsions, dizziness, etc.

2.3 Trainer's responsibility

- The trainer must be qualified to provide training to operators in accordance with applicable local regulations.
- The training must include all of the instructions in this manual.
- The training must be given in an obstacle-free area until the trainee is considered competent as defined by the training program undertaken.

2.4 Operator's responsibility

The operator has the obligation to:
- Read and understand the contents of this manual and familiarize himself/herself with the decals affixed on the machine.
- To inspect the machine before use according to HAULOTTE®'s recommendations..
- Inform the owner (or hirer) if the manual or any decals are missing or are not legible.
- Inform the owner (or hirer) of any machine malfunction.

Operators must ensure that the inspections have been carried out by the owner and that they can use the machine for the purpose intended by the manufacturer.

All users (driver, passenger, maintainer, transporter, etc.) must familiarise themselves with the emergency controls and machine operation in case of an emergency.

The operator has the obligation to stop using the machine in the event of malfunction or safety problems on the machine or in the work area and report the problem immediately to his/her supervisor.

3 Safety

3.1 Safety instructions

3.1.1 Incorrect use

- Do not use the machine outside of the conditions specified in this manual.
- Do not use the machine as a crane, material lift or elevator.

- Do not use the work platform as a hoisting machine (crane) by suspending a load outside of the platform.
- Do not tie the platform to an adjacent fixed or mobile structure.
- Do not use/operate the machine when alone. A survey person or immediate Supervisor must be present on the ground in case of emergency.
- Do not use a faulty or poorly maintained machine. Remove defective/damaged machine from service.
- Do not climb onto the compartment covers of the machine.
- Do not replace items critical to machine stability with items of different weight or specification.
- Do not replace the wheels installed in the factory with wheels with different characteristics.
- Do not alter or disable machine components that in any way affect safety and stability.
- Do not disable the safety devices.
- Do not use the machine if a label is missing or illegible.
- Do not damage, modify or hide machine labels or inscriptions.

3.1.2 Falling Hazards

N.B.-:-THE GUARDRAIL IS THE MAIN PROTECTION SYSTEM AGAINST FALLS FROM THE MOBILE LIFTING PLATFORM (PEMP) .

Before commencing operation:

- Ensure that guard rails are correctly installed and secured.
- Ensure that gate or sliding bar is in its securely locked position.
- If using a machine that has a swing gate, check that the entry gate closes by itself and gate latches and locks.

- Remove oil or grease from the steps, floor, handrail and the guardrails.
- Clean the floor of the platform (no debris).

To enter or exit from the platform:

- The machine must be completely stowed (Access position) .
- Face the machine to access the opening to the platform.
- Keep 3 points of contact on the steps and the guardrail.
- Keep fingers away from moving parts near entry gate.

When in the platform:

- Where personal fall protection equipment (FPE) is required by the employer, a competent authority or local regulations, we recommend using a full harness with a safety line.
- Personal fall protection equipment must only be fastened to approved fall protection anchoring points on the platform provided for this purpose.
- Refer to this decal located on the platform.
- Safety lines must never be attached to an object or structure outside of the work platform.
- Hold on securely to the guardrails.

- Always keep your feet firmly on the floor of the platform.
- Do not sit, stand, or climb on the platform guard rails.
- Do not lean on the gate or sliding bar.
- Do not lean over the guard rails or climb over them. Only work in the platform area within the guard rails.
- Do not exit the platform until it is in the completely stowed position.
- Do not use the guardrail as a means of access to climb in or out of the platform.

3.1.3 Overturning / Tip-over Hazards

Before positioning and operating the machine:

- Ensure that the surface is capable of supporting the machine weight including the rated capacity. B 4.1 - Technical characteristics.

- Do not exceed the maximum rated capacity that includes the weight of both material and allowed number of occupants. Do not exceed the allowable number of occupants.
- Do not increase the working height (using extensions, ladder, etc.).
- Do not place ladders or scaffolds in the platform or against any part of this machine.

- Position loads uniformly in the centre of the work platform.

- Do not use the machine at wind speeds that are above the permissible threshold. Refer to the display on the work platform to view the permissible wind speed.
- Do not increase the surface area of the platform exposed to wind. This includes adding panels, mesh, banners. Failure to follow this instruction may lead to a loss of stability and as a result, the machine could tip over.

- Do not raise the platform or move the machine with the platform raised on a slope with a gradient greater than the machine's permissible limit.

- Do not drive the machine on slopes or grades exceeding the specified limits.

- Do not pull or push towards any object outside of the platform. Do not exceed the maximum allowable side force stated in the performance specifications.
- Do not use the machine to support any external structure.
- Do not use the machine to tow other machines or to drag materials.
- **Using the machine on a slope:**

Do not drive the machine on slopes with gradients exceeding the authorised transversal and lateral limits for the machine. B 4.1 - Technical characteristics.

WIND: the aerial work platform can be used up to the maximum wind speed indicated in the specifications in this manual. To identify the local wind speed, use the Beaufort scale below, a wind gauge or an anemometer.

N.B.-:-THE BEAUFORT SCALE OF WIND FORCE IS ACCEPTED INTERNATIONALLY AND IS USED WHEN COMMUNICATING WEATHER CONDITIONS. A WIND SPEED RANGE AT 10 M (32 FT 9 IN) ABOVE FLAT, CLEAR LAND IS ASSOCIATED WITH EACH DEGREE.

Beaufort scale

Force	Meteorological description	Observed effects	m/s	km/h	mph
0	Calm	Smoke rises vertically.	0 - 0,2	0 - 1	0 - 0,62
1	Very light breeze	Smoke indicates the wind direction.	0,3 - 1,5	1 - 5	0,62 - 3,11
2	Light breeze	Wind felt on the face. Leaves rustle. Weather vanes turn.	1,6 - 3,3	6 - 11	3,72 - 6,84
3	Slight breeze	Leaves and small twigs in constant motion. Flags move slightly.	3,4 - 5,4	12 - 19	7,46 - 11,8
4	Nice breeze	Raised dust and loose papers. Small branches are moved.	5,5 - 7,9	20 - 28	12,43 - 17,4
5	Nice breeze	Small trees in leaf to sway. Crested wavelets form on inland waterways.	8,0 - 10,7	29 - 38	18,02 - 23,6
6	Cool wind	Large branches in motion. Power lines and chimneys 'sing'. Umbrellas used with difficulty.	10,8 - 13,8	39 - 49	24,23 - 30,45
7	Near gale	Whole trees in motion. Inconvenience felt when walking against wind.	13,9 - 17,1	50 - 61	31 - 37,9
8	Gale	Some branches break. Generally we cannot walk against the wind.	17,2 - 20,7	62 - 74	38,53 - 45,98
9	Strong gale	The wind causes slight damage to buildings. Tiles and chimney stacks are blown off.	20,8 - 24,4	75 - 88	46,60 - 54,68

3.1.4 Risk of electric shock (electrocution)

Risk of death or serious injuries.

The machine is not electrically insulated and does not provide protection from contact or proximity to electrically charged conductors.

Always position all parts of the aerial work platform, the occupants, accessories and tools at a reasonable distance from power lines to ensure that no part of the work platform accidentally comes into contact with a power line.

Apply the local regulations or those of the employer with regard to the safety distances. If this is not possible, follow the distances in the table below at a minimum:

Minimum safe approach distances

Electric voltage	Minimum safety distance	
	Mètre	Feet
0 - 300 V	Avoid contact	
300 V - 50 kV	3	10
50 - 200 kV	5	15
200 - 350 kV	6	20
350 - 500 kV	8	25
500 - 750 kV	11	35
750 - 1000 kV	14	45

- Do not operate the machine when close to live power lines, consider the movement of the machine and the sway of the electric power lines particularly in windy conditions.
- Do not operate the machine during lightning, thunderstorms, snow/ice or any weather condition that could compromise operator safety.
- The machine must not be used while charging the batteries.
- When using the platform AC power supply, ensure it is protected with a circuit breaker and residual current device.

- Do not use the machine as a ground for welding.
- Do not weld on the machine without first disconnecting the battery terminals.
- Always disconnect ground cable first.

Keep away from the machine if it contacts energized power lines. Personnel on the ground or in the platform must not touch or operate the machine until energized power lines are shut off.

The user must not leave the platform if it comes into contact with a power line.

3.1.5 Explosion / Fire Hazards

- Always wear protective clothing, glasses or a face protection shield and gloves when working on batteries or energy sources.

N.B.-:-ACID IS NEUTRALIZED WITH SODIUM BICARBONATE AND WATER.


- Do not start the engine if you smell or detect liquid propane gas (LPG), gasoline, diesel fuel or other explosive substances.
- Do not work on or operate a machine in an explosive or flammable atmosphere / environment.
- Do not touch hot components.
- Do not bridge the battery terminals with metallic objects.

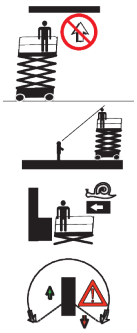

- Do not service the battery in proximity of spark, open flame, lit cigarettes.
- Do not open the batteries.
- Do not fill the fuel tank with the engine running, close to naked flames and/or while smoking.

3.1.6 Crushing / Collision Hazards

Before using the machine, mark out the machine's work and circulation area using a marking system appropriate to the task at hand and the work environment.

When in the platform:

- Check the work area for overhead clearance, for any obstacles besides and below the platform when raising/lowering the platform and or before driving.
- During movement, keep all the parts of the body inside the platform. Hold onto the guardrails on the opposite side to any surrounding structures.
- To position machine close to a building/structure, use extension deck feature, instead of driving machine closer to structure.
- Before lowering the platform, the extensions must be retracted to ensure visibility and avoid potential contact with surrounding structures .



- Warn personnel not to work, stand or walk under an extended extension.
- Always ensure that the chassis is never kept any closer than 1 m (3 ft 3 in) to holes, bumps, slopes, obstructions, debris and ground coverings that may hide holes and other dangers.
- Maintain a distance of at least 1 m (3 ft 3 in) or any signs on the worksite.
- Keep non-operating personnel at least 5 m (16 ft 5 in) away from the machine when driving.
- Become familiar with the driving direction:
  - Check the direction of movement with the help of the red or white arrows on the chassis and on the platform control box.
  - Also note that when changing the driving direction (Forward <> Reverse) the joysticks or switches must return to the neutral position before reversing the drive direction and for movement to occur.
- Hold on securely to the guardrails.

- Personal Protection Equipment (EPI) :
  - The occupants of the aerial work platform must wear personal protection equipment and comply with local regulations in force.
  - Operators must comply with the safety standards of the job site and the employer, as well as the applicable state regulations relating to the use of personal protective equipment.
  - All personal fall protection equipment (PFPE) must comply with current regulations, must be inspected and used in accordance with the manufacturer's instructions.
- Avoid contact with fixed or mobile obstacles (other machines).
- Other machines (crane, aerial work platform, etc.) operating in the work area increase the risk of crushing or collision. Restrict the operation of machines moving within the aerial work platform work area.
- When driving, position the platform so as to provide the best possible visibility and to avoid any blind spots.
- Take into consideration the stopping distance, reduced visibility and blind spots of the machine.
- Limit travel speed to suit the ground surface condition, slope (incline), and people in the vicinity.

3.1.7 Risk of involuntary movements

Never use a damaged or malfunctioning machine.

Always respect the following rules:

- Maintain clearance from high voltage lines.
- Maintain clearance from generators, radar, electromagnetic fields.
- Never expose the batteries or electrical components to water (high pressure washer, rain).

4 Safety inquiries

Inquiries relating to design criteria/specifications of a product, standards compliance, or overall machine safety should be sent to the HAULOTTE® PRODUCT SAFETY department.

Each inquiry or request should include all relevant information; including contact name, telephone number, mailing address, email address, plus the machine model and serial number.

The HAULOTTE® Product Safety department will evaluate each request/inquiry and will provide a written response.

5 Incident notification

Notify HAULOTTE® immediately when a HAULOTTE® product has been involved in an incident/accident leading to personal injury or death, or when there is a major property damage.

HAULOTTE Group - EUROPE Product Safety Department

Address: Rue Emile Zola - 42420 Lorette - France

Tel: +33 (0)4 77 29 24 24

Email: productsafety.europe@haulotte.com

HAULOTTE Group - Australia, India and Asia Product Safety Department

Address: No.26 Changi North Way - Singapore 498812 - Singapore

Tel: +65 6546 0123

Email: productysafety.apac@haulotte.com

HAULOTTE Group - North & South America Product Safety Department

Address: 3409 Chandler Creek Rd. - Virginia Beach, VA 23453 - United States

Tel: +1 757 689 2146

Email: productsafety.americas@haulotte.com

Connect to our website: www.haulotte.com

6 Compliance

6.1 Product modification

It is strictly forbidden to modify a HAULOTTE® product. Any modification may violate Haulotte design parameters, local regulations and industry standards.

Any requests for modification must be formulated in writing (form) and be approved by the manufacturer.

Do not hesitate to contact HAULOTTE Services®, should you have any questions relating to the issued bulletin(s) or with questions on the policy itself.

6.1.1 Implementing manufacturer safety campaigns

It is essential to implement the safety campaigns issued by the manufacturer. All of these campaigns are accessible on our website.

Connect to our website: www.haulotte.com

Never market (or sell) a machine without first having carried out all of the safety campaigns.

6.2 Product specifications

HAULOTTE® cannot be held liable for any changes to the technical characteristics/specifications contained in this manual. HAULOTTE® has a continuous improvement policy in place for its product range. Given this policy, the Company reserves the right to modify products technical characteristics / specifications without notice.

6.3 Change of Ownership Notification

It is important and necessary to keep HAULOTTE Services® updated with current ownership of the machine. This way, HAULOTTE® will be able to provide the necessary support for the product. If you have sold or transferred this machine(s); it is your responsibility to notify HAULOTTE Services®. It is not required to include Lessees/Renters of Leased/Rented machines on this form.

Connect to our website: www.haulotte.com

6.4 Declaration of conformity

The CE declarations of conformity only apply to machines that have been approved and commissioned within the European Community (EC).

6.4.1 Declaration of conformity - All machines

The UKCA declarations of conformity only apply to machines that have been approved and commissioned within the United Kingdom (UK).

Declaration of conformity - UKCA and CE directive

Haulotte

UKCA/EC DECLARATION OF CONFORMITY

HAULOTTE GROUP

Adress of division

We hereby declare that this machine conforms with all the relevant provisions of the Regulations listed below

Mobile Elevating Work Platform, Type <>, Group <>

Commercial name
In compliance with the Model Type
Serial number

Commercial name of the concerned machine
Model type of the concerned machine
Serial number of the machine concerned

Conforms with provisions of the Regulations listed below :

CE

EC Machinery Directive 2006/42/CE

EC Directive electromagnetic compatibility 2014/30/EU

EU RED Directive on radio equipment (if machine equipped) 2014/53/UE

EC Outdoor Noise Directive
Measurement method
LWA, Guaranteed sound level
LWA, Maximum sound level

UKCA

Supply of Machinery (safety) [illegible] SI2008/[illegible]97 amended SI2011/1043/2157 2019/696

Electromagnetic compatibility [illegible]1091 amended SI 2017/1206, 2019/696

Radio equipment (if machinery equipped) 2017

2000/14/EC

Annex III-B

dB

This machine has been type examined by :

Name and address of the Authorized body :

Certificate number

Harmonized standard(s) used as reference(s) :
EN280-1

Name and address of Approved body

Certificate number

This machine also fulfils the principles of the designed standards
EN280-1

Manufacturer and the person authorised to compile the technical file:

HAULOTTE GROUP
Compliance Manager
Rue Emile Zola
CS30045 42420 LORETTE
FRANCE

HAULOTTE UK ltd
General Manager UK and Ireland
Unit 1 gravely Way, Four Ashes
Wolverhampton, West Midlands WV10 7 GW
ENGLAND

Name and signature
Division Director

Place and date

794781027095452940MWZ6911PF-13

MWZ6910H-CE-UKCA - V2.0.8

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6.4.2 Declaration of conformity - Thermal platforms

Declaration of conformity - CE directive

Haulotte

DECLARATION DE CONFORMITE CE
EC DECLARATION OF CONFORMITY

CE

Fabricant et personne autorisée à constituer le dossier technique :
Manufacturer and the person authorised to compile the technical file:

HAULOTTE GROUP

Adresse du site de productiondu

Adress of the division

HAULOTTE GROUP
RUE EMILE ZOLA
CS 30045
42420 LORETTE
FRANCE

Nacelle élévatrice de personnel
Mobile Elevating Work Platform

En conformité avec le modèle type
In compliance with the Model Type

Modèle type de la machine concernée
Type mode of the concerned machine

Nom commercial
Commercial name

Nom commercial de la machine concernée
Commercial name of the concerned machine

Numéro de serie
Serial number

Numéro de la machine concernée
Serial number of the machine concerned

Organisme notifié
Notified body

Nom et adresse de l'organisme notifié
Name and adress of notified body

Numéro de certificat
Certificate number

Numéro de certificat de type de machine
Certificate number of the type of machine

Capacité nominale
Rated Capacity

Charge maximale d'utilisation de la machine concernée
Rated capacity of the concerned machine

Nous déclarons que cette machine est conforme aux dispositions des Directives suivantes
We hereby declare that this machine conforms with all the relevant provisions of the Directives listed below

Directive machine CE EC Machinery Directive	**2006/42/CE**
Se conforme aux principales exigences de la norme harmonisée This machine also fulfils the principles of the harmonised standard	**EN280-1**
Directive compatibilité elettromagnetique CE EC Directive on electromagnetic compatibility	**2014/30/EU**
Directive CE RED concernant les équipements radioélectriques (si machine équipée) EU RED Directive on radio equipment (if machine equipped)	**2014/53/UE**
Directive CE d'émission de bruit EC Outdoor Noise Directive	**2000/14/EC**
Méthode de mesure Measurement method	**Annex III-B**
LWA , niveau de puissance acoustique garanti LWA, guaranteed sound level	**dB**
LWA , niveau de puissance acoustique mesuré max LWA, Maximum sound level	**dB**

Cette déclaration porte exclusivement sur la machine dans l'état où elle a été placée sur le marché.
This declaration relates exclusively to the machinery in the state in which it was placed on the market

Toute modification de la machine décrite ci-dessus a pour effet d'invalider cette déclaration.
Any modification to the above described machine violates the validity of this declaration

Nom et signature / Name and signature
Division Director

Lieu / Place
Date / Date

MWZ6910H-A4 - V2.0.6 - 04662096900831923 2MWZ691PF

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Notes

1 General safety

1.1 Intended use

Do not operate the product in the following situations:

- On soft, unstable or cluttered ground.
- With wind blowing faster than the permissible limit:
  - Check the allowable wind speed specified in the performace specifications tabulation.
  - Consult the Beaufort scale.
- Close to power lines. Keep a safe distance.
- If the machine is stored at a temperature out of range : From - 20°C (- 4°F) to + 50°C (+ 122°F).
- In an explosive atmosphere / environment.
- During storms.
- In the presence of strong electromagnetic fields.

N.B.-:-USE THE MACHINE UNDER "NORMAL" CLIMATIC CONDITIONS. IF YOU NEED TO USE THE MACHINE IN CLIMATIC CONDITIONS LIKELY TO CAUSE DETERIORATION (EXTREME : HUMIDITY, TEMPERATURES, SALINITY, CORROSIVENESS, ATMOSPHERIC PRESSURE), CONTACT HAULOTTE SERVICES®. REDUCE INTERVALS BETWEEN SERVICING.

N.B.-:-IN HARSH ENVIRONMENTS (HIGH LEVELS OF SALINITY IN THE ATMOSPHERE: CLOSE TO THE SEA, INDUSTRIAL ENVIRONMENT WITH CHLORIDE EMISSIONS AND/OR HUMIDITY > 70%), WE RECOMMEND APPLYING SOLVENT-BASED OIL TO THE ENTIRE MACHINE.

1.2 Decal content

The purpose of the labels on the machine is to alert the user to the conditions of use and risks related to aerial work platforms.

Decals provide the following information:

- The level of severity.
- The specific hazard.
- A method to avoid, suppress or reduce the hazard.
- Descriptive text (where required).

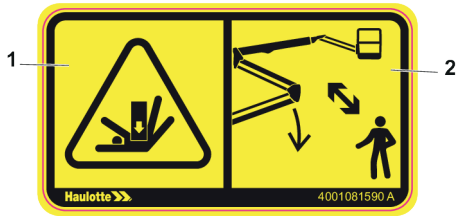
Familiarize yourself with the decals and the hazard severity levels.

The decals must be kept in good condition. Promptly replace all decals that are no longer legible.

Familiarize yourself with the decals and their respective color codes.

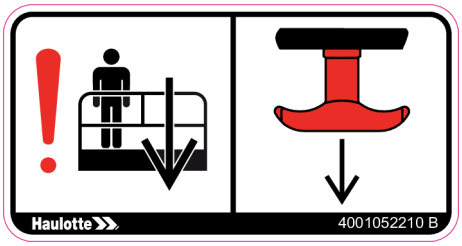
Additional decals can be ordered from HAULOTTE Services®.

CE, UKCA, AS and EAC standards - Label warning risk



Marking	Description
1	Risk identification symbol
2	Avoidance symbol pictorial

CE, UKCA, AS and EAC standards - Label informing about an important function of the machine



ANSI and CSA standards

Marking	Description
1	Risk identification symbol
2	Level of severity
3	Avoidance symbol pictorial
4	Avoidance text

1.3 Level of severity

Color	Title	Description
	DANGER	Danger: Indicates a hazardous situation which if not avoided, WILL result in death or serious injury.
	WARNING	Warning: Indicates a hazardous situation which if not avoided, COULD result in death or serious injury.
	CAUTION	Caution: Failure to comply could result in minor or moderate injury.
	NOTICE	Notice: Indicates recommended practices if not followed, may result in a malfunction or damage the machine or its components.
	PROCEDURE	Procedure: Indicates a maintenance operation.

1.4 Symbols legend and definitions

Symbols are used throughout this manual to depict hazards, avoidance measures and indicate when information is required.

Refer to the following table to familiarize yourself with these symbols.

Symbol	Description	Symbol	Description	Symbol	Description
	Risk of crushing or pinning		Foot crushing hazard		High pressure fluid ejection hazard
			Hand crushing hazard		Crushing hazard
			Health/safety hazards related to chemicals		Burn hazard
	Risk of electrocution		Burns and scalds from contact with flames, explosion or radiation from heat sources		Injury from Electric arcs - Energy supply disconnecting devices - Batteries fire, emissions, etc
	Fall hazard		Tip over due to excessive loading / wind load and excessive ground slope		Relate and coordinate directional arrows on the chassis with those on the control box
	Do not put foot in this area		Do not put your hand in this area		Keep away from product working area
	Use of high-pressure cleaners prohibited		Ensure entry drop rail is down		

Symbol	Description	Symbol	Description	Symbol	Description
	Flames prohibited		Maintain safe clearance from high voltage electrically charged conductors as described in manual - Do not use in thunderstorms		Overload
	Refer to operator manual		Safety belt		Use appropriate lanyard attached to dedicated anchor point.
	Wheel pressure		Enable switch		Use safety prop before attempting any maintenance work
	Tow point		Tie down point		Lift point
	Keep away from hot surfaces		Wear protective equipment		

1.5 Symbols and colors

Symbols and colors are used to alert the operator of safety precautions and/or to highlight important safety information.

The following safety symbols are used throughout this manual to indicate specific hazards and the hazard severity level when operating or maintaining the Aerial Work Platform.

Symbol	Description
	Danger: Risk of injury or death
	Caution: Risk of material damage
	Prohibited action
	Reminder to use good practice or follow pre-operation checks
	Cross-reference to another part of the manual
	Cross-reference to another manual
	Cross-reference to repair (contact HAULOTTE Services®)
N.B.:	Additional technical information

2 Models description

Models	Regulations						
	CE	UKCA	ANSI	CSA	EAC	AS	JIS
Compact 10DX	✓	✓	✗	✗	✓	✓	✓
Compact 12DX	✓	✓	✗	✗	✓	✓	✓
Compact 2668RT	✗	✗	✓	✓	✗	✗	✗
Compact 3368RT	✗	✗	✓	✓	✗	✗	✗

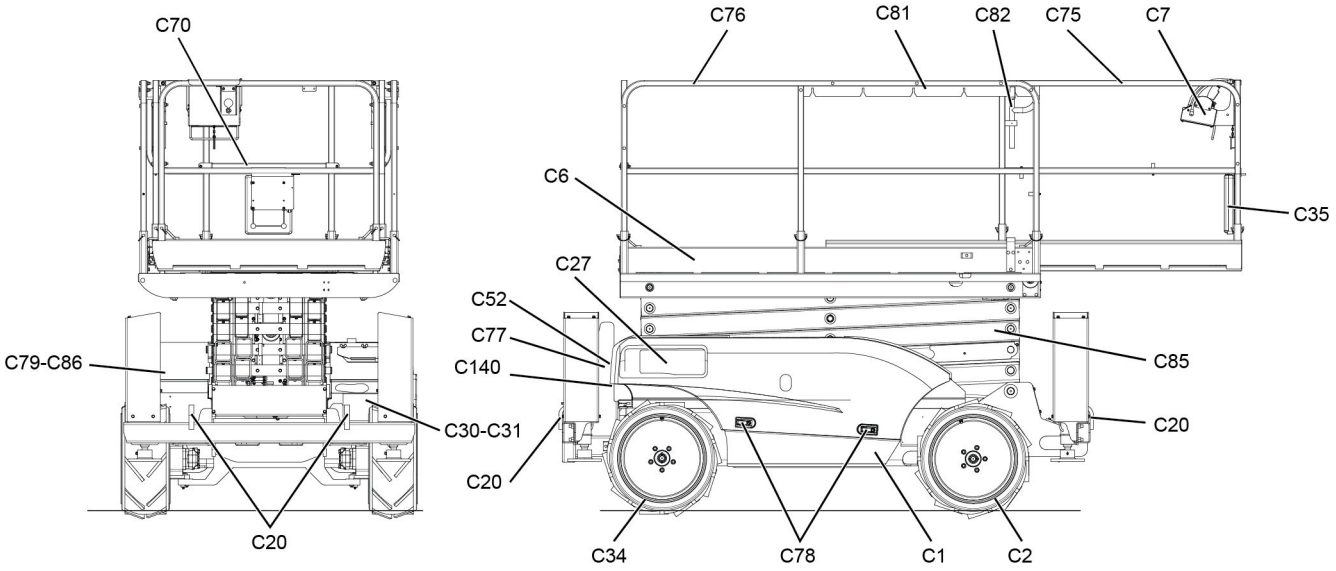
Legend

✓	Available
✗	Not available

3 Primary machine components

3.1 Layout

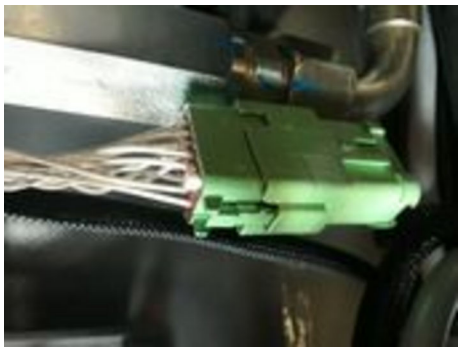
COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT



Marking	Description	Marking	Description
C1	Chassis	C75	Extension
C2	Front driven steering axle	C76	Guardrail
C6	Platform	C77	Platform access ladder
C7	Platform control box	C78	Hood locking catch
C20	Anchorage point	C79	Engine bay
C27	Ground control box+Universal plug	C81	Sliding guardrail
C30	Hydraulic oil tank	C82	Deck extension handle
C31	Fuel tank	C83	Stabiliser
C34	Drive wheels	C85	Scissors
C35	Document holder	C86	Internal combustion engine
C52	Pull T-handle for emergency lowering	C140	Propane bottles
C70	Platform access bar		

(1) For US only

Universal plug



3.2 Maintenance support

The maintenance support (on both sides of the machine) must be put in place before any maintenance operations.

Maintenance operation–The stand located under one of the scissor arms must be set up

- For COMPACT 10DX - COMPACT 2668RT: Lift scissor arms to a sufficient height (floor of the platform at around 2,6 m / 8 ft 6 in from the ground).
- For COMPACT 12DX - COMPACT 3368RT: Lift scissor arms to a sufficient height (floor of the platform at around 3,1 m / 10 ft 2 in from the ground).
- Unscrew, rotate and put the stand in the vertical position.
- The stand should remain in the vertical position.
- Lower the scissor arms.
- Scissor arm pivoting rod should rest on the V groove of the stand.

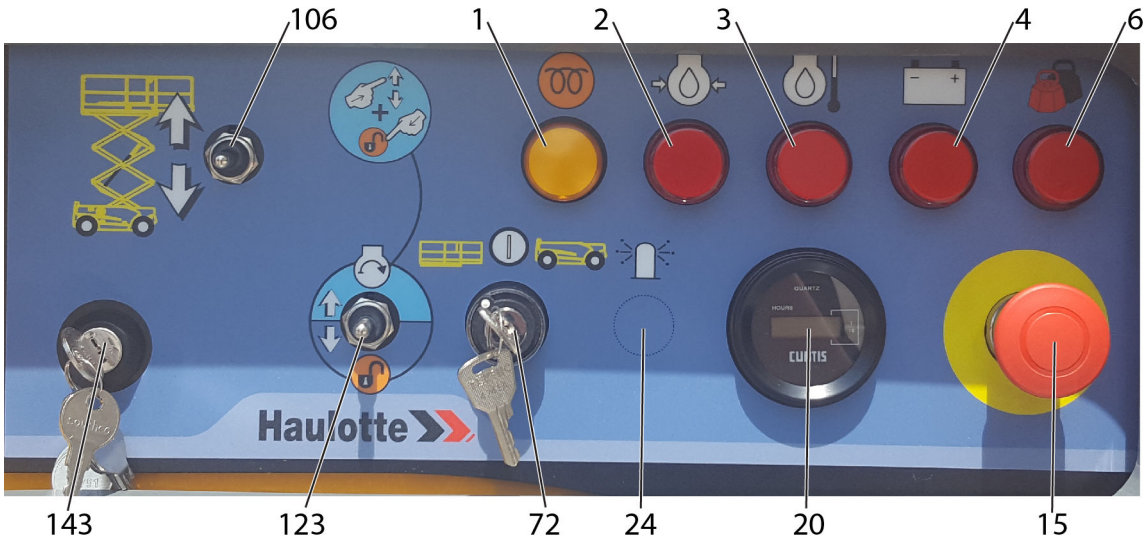
At the end of the maintenance operation

- Lift scissor arms to a sufficient height to tilt the stand.
- Free the V of the stand from the scissor pin.
- Attach the stand on the scissor arm.

3.3 Ground control box - Service / Emergency station

3.3.1 Layout

General view - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT



Controls and indicators

Marking	Item	Description	Function
1	HL9	Electric pre-heating indicator	On: Engine in pre-heating mode
			Off: Engine pre-heated, starting possible
2	HL4	Engine oil pressure light	Low engine oil pressure
3	HL3	Engine temperature indicator	High engine oil temperature Perform the required maintenance (see the machine maintenance book)
4	HL1	Battery charging indicator	Low battery charge Perform the required maintenance (see the machine maintenance book)
6	HL808	Platform overload indicator	Platform overload
15	SB10	Emergency Stop button	Pulled out: Ground control box energized. The emergency stop push button on the upper console must be pulled (activated) to allow movements.
			Pushed in: The controls on the upper and lower consoles are disabled by switching off the power to the controls (solenoid valves and relays).
20	P1	Hour meter	Total machine running hours

Marking	Item	Description	Function
24	SA16	Beacon light on/off	Move to the right: Beacon light on
			Move to the left: Beacon light off
72	SA1	Control box activation key switch	Left: Platform control box energized
			Center: De-energizes control system
			Right: Ground control box energized
106	SA6	Platform raising / lowering selector	Move upwards: Platform raises
			Move downwards: Platform lowers
123	SA8	Enable Switch-Engine start-up selector	Push the selector upwards: Starting the engine
			Move downwards and hold: Associated command is validated
			Release: Associated command movement is halted
143		Control box start-up key	Right: Control box ON
			Left: Control box OFF

3.4 Platform control box - Main station

3.4.1 Layout

General view - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT

Controls and indicators

Marking	Item	Description	Function
30	HL19	Platform overload indicator	Intermittently lit in case of overload
31	HL7	Power ON indicator	On: Machine switched on
			Off: Machine switched off
46	SB11	Platform control box Emergency Stop button	Pulled out: Platform control box power supply energized. The emergency push-button on the lower console must be pulled (activated) to enable movements.
			Pushed in: The controls on the upper and lower consoles are disabled by switching off the power to the controls (solenoid valves and relays).
51	HL21	Electric pre-heating indicator	On: Engine in pre-heating mode
			Off: Engine pre-heated, starting possible
57	SB1	Low speed selector	Pressed down (activated and LED on): Low-speed drive selection
58	SB2	Medium speed selector	Pressed down (activated and LED on): Medium-drive speed selection (difficult ground, slope)
59	SB3	High speed selector	Pressed down (activated and LED on): High-speed drive selection (for long distance)
62	SB7	Horn button	Pressed down (activated): Horn
85	HL30	Tilt/fault/warning indicator	Flashes during tilt, fault, arm descent, and stop during descent
95	SB4	Platform raising / lowering selector	Pressed down (activated and LED on): Platform raising/lowering selection
108	SM4	Movement joystick	Move forward (Push) : Forward drive (White forward arrow)
			Move backwards (Push) : Reverse drive (Rear red drive direction arrow)
		Steering rocker switch	Press right side of button: Steer right
			Press left side of button: Steer left
		Lifting joystick	Move forward (Push) : Lowering
			Move backwards (Pull) : Lifting
123	S2	Enable Switch	Press in and hold: Associated command is validated
			Release: Associated command movement is halted
230	SB5	Engine start-up selector	Start or stop the engine (depending on the machine's operating status) by pressing the push-button

Marking	Item	Description	Function
246	SA4	Front left stabilizer extension/retraction selector	Push the selector downwards to extend the stabilizers: Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers: Stabilizer retraction and corresponding LED off during lowering
247	SA7	Front right stabilizer extension/retraction selector	Push the selector downwards to extend the stabilizers: Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers: Stabilizer retraction and corresponding LED off during lowering
248	SA12	Rear left stabilizer extension/retraction selector	Push the selector downwards to extend the stabilizers: Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers: Stabilizer retraction and corresponding LED off during lowering
249	SA9	Rear right stabilizer extension/retraction	Push the selector downwards to extend the stabilizers: Stabilizer extended and LED on (continuously: stabilizer extended and set against the ground; rapid flashing: stabilizer extended but not yet set; slow flashing: stabilizer totally extended but not set) Push the selector upwards to raise the stabilizers: Stabilizer retraction and corresponding LED off during lowering
250	SA10	Central stabilizer extension/retraction selector	Push the selector downwards to extend the stabilizers: Stabilisers extended and LED lit (continuously: stabilizers extended and set against the ground; fast flashing: stabilizers extended but not yet set; slow flashing: stabilizers fully extended but not set) Push the selector upwards to raise the stabilizers: Stabilizer retraction and corresponding LED off when lowering

4 Performance Specifications

4.1 Technical characteristics

Use the table to select the right Haulotte machine for the job.

Do not replace parts that are essential to the stability of the machine, such as batteries or tyres, with parts that have a different weight or different specifications. The stability of the machine could be affected.

CE, UKCA, AS, EAC, CSA and ANSI A92.20 standards

Machine	COMPACT 10DX		COMPACT 2668RT	
Characteristics-Dimensions	SI	Imp.	SI	Imp.
Maximum working height	10,28 m	33 ft 9 in	10,28 m	33 ft 9 in
Maximum platform height	8,28 m	27 ft 2 in	8,28 m	27 ft 2 in
Maximum horizontal reach	0,91 m	3 ft 0 in	0,91 m	3 ft 0 in
Total weight	3 350 kg	7,385 lbs	3 350 kg	7,385 lbs
Maximum platform capacity	565 kg	1,246 lbs	565 kg	1,246 lbs
Capacity when extended	150 kg	330 lbs	150 kg	330 lbs
Maximum number of occupants	3			
Maximum person on extension (refer to the capacity on extension recommended)	1			
Maximum wind speed	45 km/h (12,5 m/s)	28 mph (41 ft/s)	45 km/h (12,5 m/s)	28 mph (41 ft/s)
Manual force	400 N - 90 lbf			
Gradeability- 4WD	40%			
Gradeability- 2WD	25%			
Maximum rated slope allowed	3°			
Maximum load on wheel	2760 daN	6086 lbs	2760 daN	6086 lbs
Maximum ground pressure of wheel on paved ground	11,17 daN/cm²	2,33 lb/ft²	11,17 daN/cm²	2,33 lb/ft²
Drive speed(2WS) - Micro-speed	0,6 km/h	0.4 mph	0,6 km/h	0.4 mph
Drive speed(2WS) - Slow speed	1,6 km/h	1 mph	1,6 km/h	1 mph
Drive speed(2WS) - Medium speed	3 km/h	1.9 mph	3 km/h	1.9 mph

Machine	COMPACT 10DX		COMPACT 2668RT	
Characteristics-Dimensions	**SI**	**Imp.**	**SI**	**Imp.**
Drive speed(2WS) - High speed	5,5 km/h	3.4 mph	5,5 km/h	3.4 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph
Operating temperature	From - 20°C to + 50°C (From - 4°F to + 122°F)			
Operating temperature For EAC only - If machine equipped with the option	From - 30°C to + 50°C (From - 22°F to + 122°F)			
Storage temperature	From - 40°C to + 70°C (From - 40°F to + 158°F)			

CE, AS, EAC, CSA and ANSI A92.20 standards

Machine	COMPACT 12DX		COMPACT 3368RT	
Characteristics-Dimensions	**SI**	**Imp.**	**SI**	**Imp.**
Maximum working height	12,05 m	39 ft 6 in	12,05 m	39 ft 6 in
Maximum platform height	10 m	33,80 ft	10 m	33,80 ft
Maximum horizontal reach	0,91 m	3 ft 0 in	0,91 m	3 ft 0 in
Total weight	3 965 kg	8,740 lbs	3 965 kg	8,740 lbs
Maximum platform capacity	450 kg	1000 lbs	450 kg	1000 lbs
Capacity when extended	150 kg	330 lbs	150 kg	330 lbs
Maximum number of occupants	3			
Maximum person on extension (refer to the capacity on extension recommended)	1			
Maximum wind speed	45 km/h (12,5 m/s)	28 mph (41 ft/s)	45 km/h (12,5 m/s)	28 mph (41 ft/s)
Manual force	400 N - 90 lbf			
Gradeability- 4WD	40%			
Gradeability- 2WD	25%			
Maximum rated slope allowed	3°			
Maximum load on wheel	3030 daN	6681 lbs	3030 daN	6681 lbs
Maximum ground pressure of wheel on paved ground	12,3 daN/cm²	2,56 lb/ft²	12,3 daN/cm²	2,56 lb/ft²
Drive speed(2WS) - Micro-speed	0,6 km/h	0.4 mph	0,6 km/h	0.4 mph
Drive speed(2WS) - Slow speed	1,6 km/h	1 mph	1,6 km/h	1 mph
Drive speed(2WS) - Medium speed	3 km/h	1.9 mph	3 km/h	1.9 mph

Machine	COMPACT 12DX		COMPACT 3368RT	
Characteristics-Dimensions	**SI**	**Imp.**	**SI**	**Imp.**
Drive speed(2WS) - High speed	5,5 km/h	3.4 mph	5,5 km/h	3.4 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph
Operating temperature	From - 20°C to + 50°C (From - 4°F to + 122°F)			
Operating temperature For EAC only - If machine equipped with the option	From - 30°C to + 50°C (From - 22°F to + 122°F)			
Storage temperature	From - 40°C to + 70°C (From - 40°F to + 158°F)			

4.2 Engine specifications

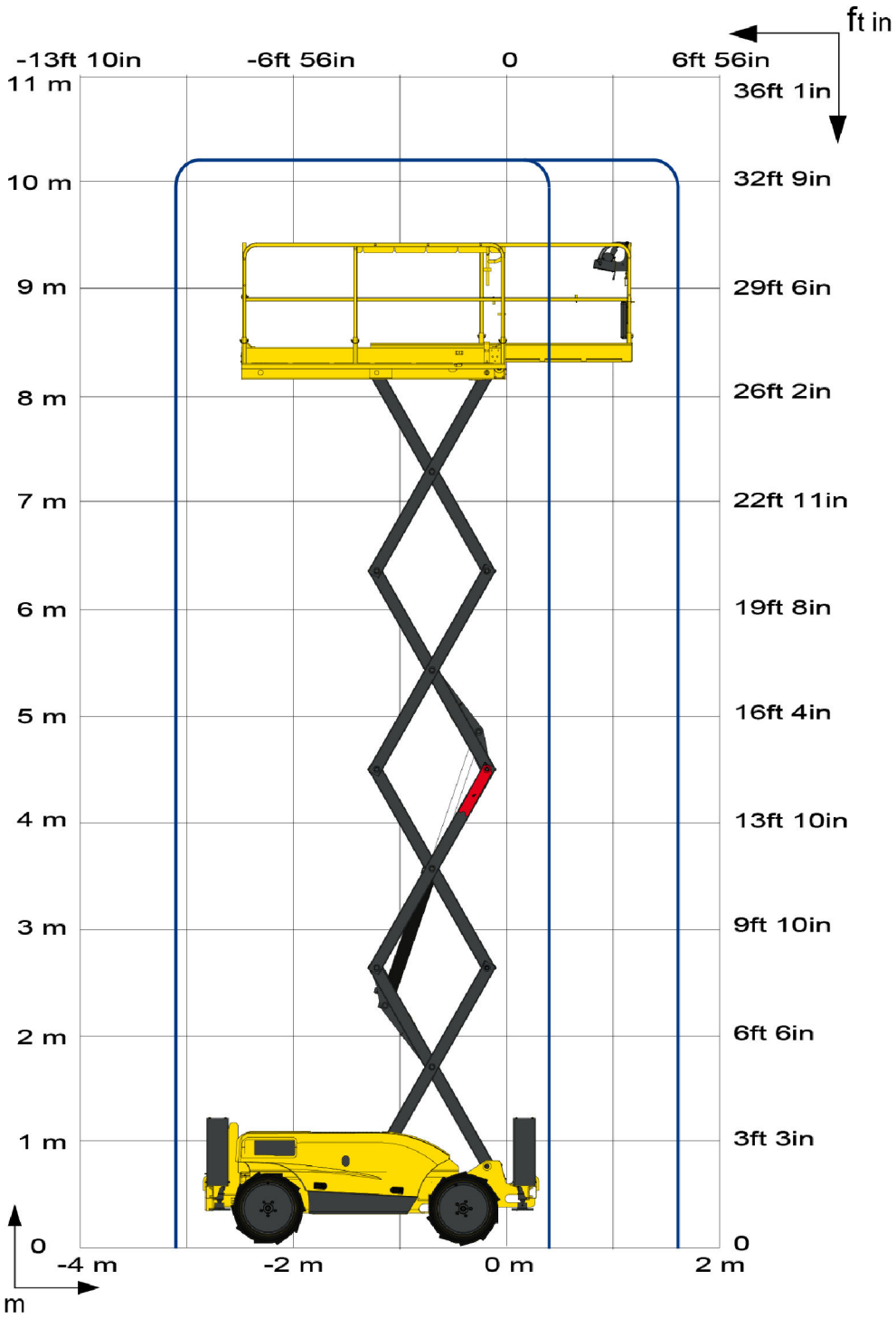
4.2.1 Kubota engines

Engine - Tier IV / Stage V / China IV	
Engine type	Kubota D1105
Engine power	18,5 kW - 24.8 hp
CO emission	1,14 g/kWh
HC + NO emission	5,065 g/kWh
Particles emission	0,311 g/kWh
Av fuel consumption	2,5 l/h - 0.66 gal/h
Fuel type	Diesel

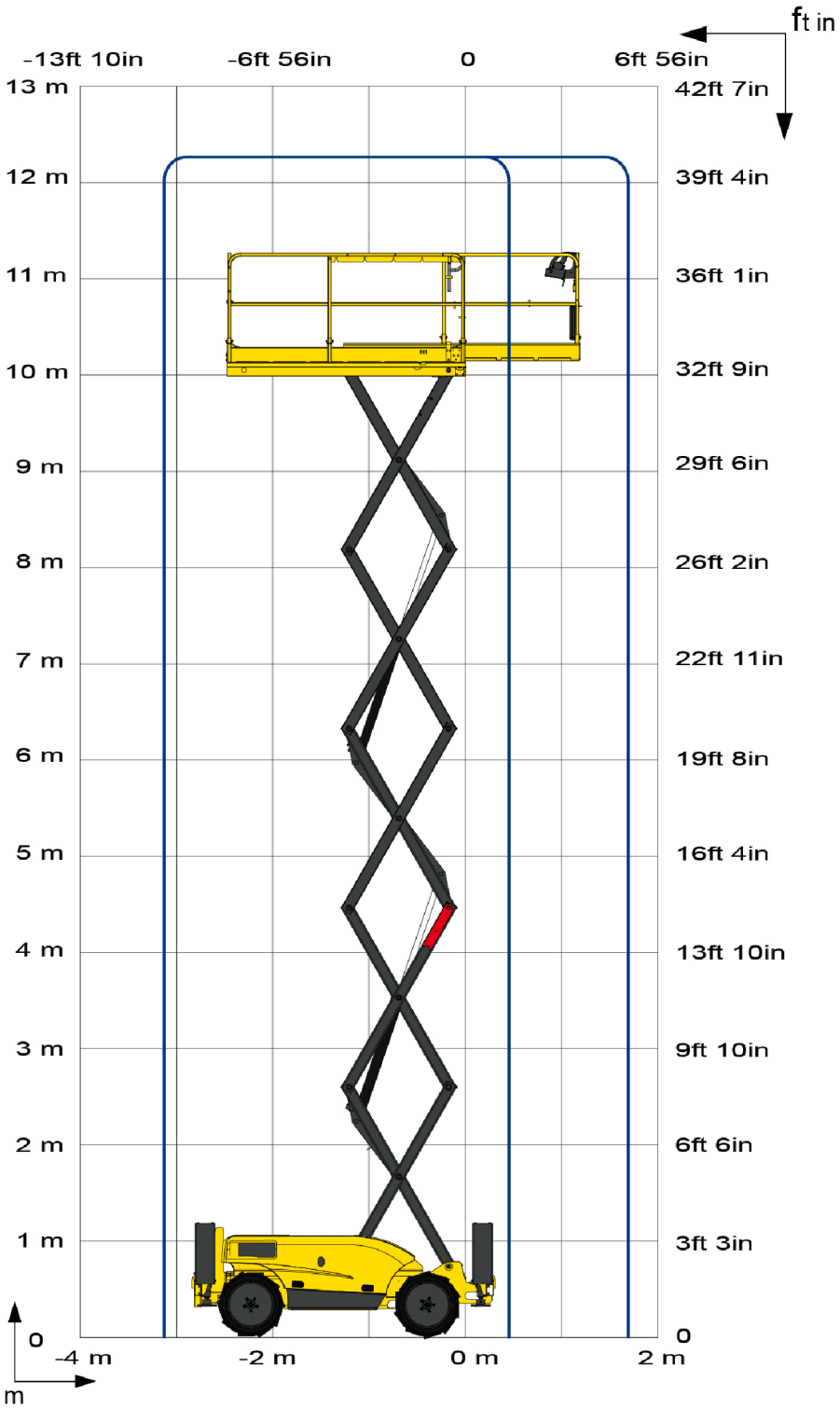
Engine - Dual Fuel (Petrol / Propane Gas)	
Engine type	Kubota DF 972 E - 1 - 4
Engine power	24,2 kW - 32.4 hp
CO emission	N/A
HC + NO emission	N/A
Av fuel consumption	N/A
Fuel type	Petrol/Propane Gas (liquified)

4.3 Working area / Range of motion

Compact 10DX - Compact 2668RT

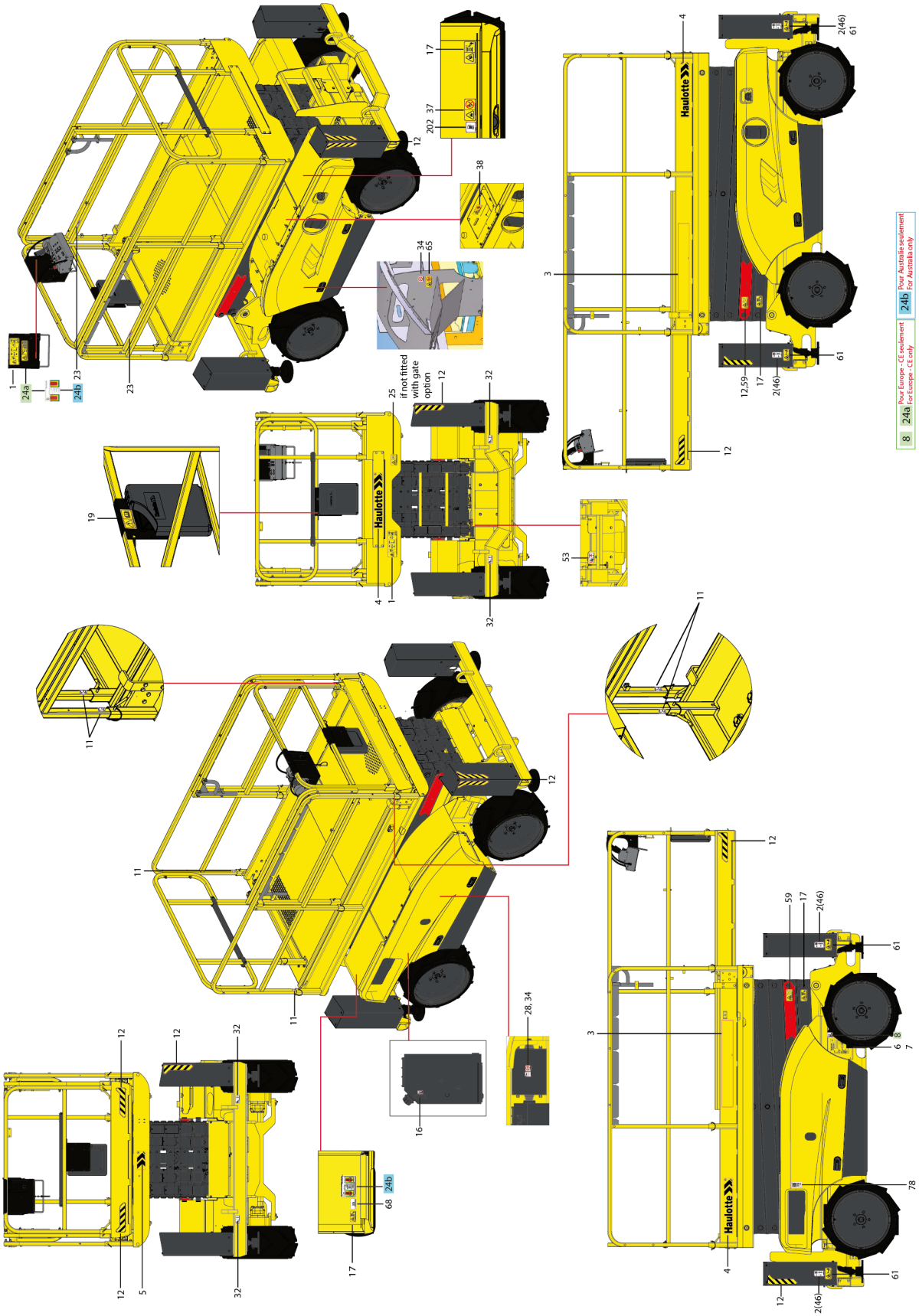


Compact 12DX - Compact 3368RT



5 Decals and markings locations

CE, UKCA, AS and EAC standards- 4000476720 G - Compact DX

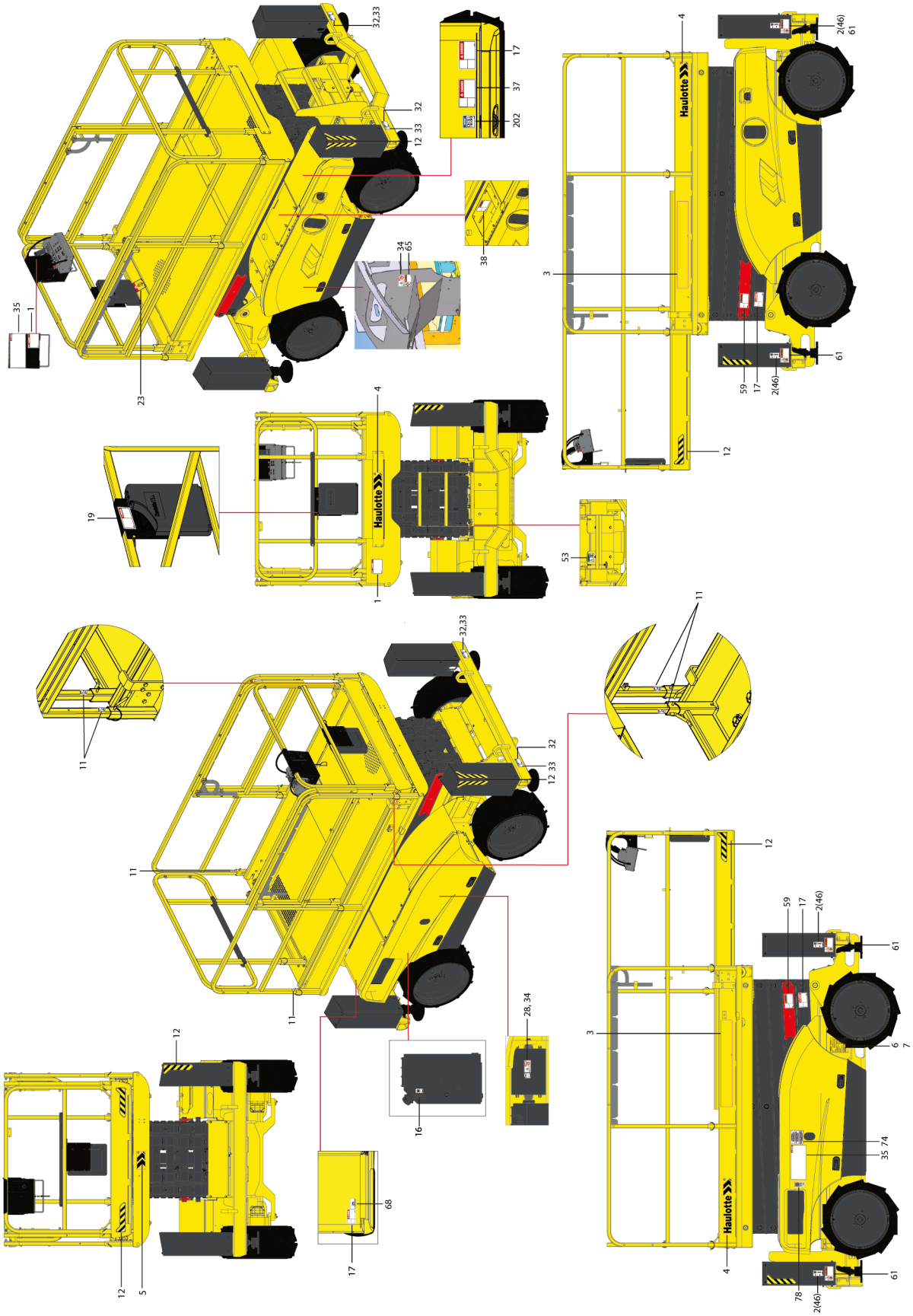


CE, UKCA, AS and EAC standards- 4000476710 I - Compact DX

Marking	Description	Quantity	Compact 10 DX	Compact 12 DX
1	Height of the floor and load	2	4001124940	4001124950
2(46)	Transport height - Maximum Pressure per Tire - Floor Loading - Maximum effort on the stabilizers	4	4001323290	4001323300
3	Commercial name - Bright machine	2	4001124990	4001125000
3	Commercial name - Dark machine	2	4001125010	4001125020
4	Decal HAULOTTE® - 495 x 80 - Bright machine	3	4001072210	
4	Decal HAULOTTE® - 495 x 80 - Dark machine	3	4001072220	
5	Decal HAULOTTE® - 165 x 80 - Bright machine	1	4001072250	
5	Decal HAULOTTE® - 165 x 80 - Dark machine	1	4001072260	
6	Identification plate	1	For CE, UCKA and AS standards only: 4001243980 For Russia: 4000278870 For Ukraine: 307P227830	
8	Noise emission level	1	For CE, UKCA and EAC standards only: 4001124980	
11	Lanyard attachment points	6	4001052020	
12	Material risk - Yellow and black adhesive tape	6	4001052030	
16	Max and min oil level	1	4001052050	
17	Risk of crushing	4	4001052070	
19	Operation instructions	1	4001052090	
23	Risk of crushing - Driving direction	2	4001052100	
24a	Danger of electrocution	1	For CE, UKCA and EAC standards only: 4001052120	
24b	Danger of electrocution	2	For AS standard only: 4001052140	
25	Risk of crushing-Closing drop rail	1	4001052150	
28	Do not interchange-Software version	1	4000504670	
32	Anchorage point-Traction	4	4001052180	

Marking	Description	Quantity	Compact 10 DX	Compact 12 DX
34	Water projection-No high-pressure washing	2	4001052200	
37	Explosion hazard	1	4001052270	
38	Hand crushing hazard-Heat burns	1	4001075820	
53	Emergency lowering-T-handle	1	4001073540	
59	Scissors safety	2	4001052240	
61	Risk of crushed feet	4	4001052260	
65	Fire Hazard	1	4001052270	
68	Transport height	1	4001323310	4001323320
78	QR Code (https://www.e-technical-information.com)	1	4001281820	
202	Diesel Fuel Only	1	4001076200	
Not illustrated	Option - Socket 240V	1	3078145730	
Not illustrated	Option - Socket connection	1	3078143540	
Not illustrated	Option - Socket 110V	1	3078148900	
Not illustrated	Option - Socket connection - Network 115V	1	3078151380	

ANSI and CSA standards- 4000476760 H - Compact RT



ANSI and CSA standards- 4000476710 I - Compact RT

Marking	Description	Quantity	Compact 2668 RT	Compact 3368 RT
1	Height of the floor and load	2	4000761750	4000761760
2(46)	Transport height-Maximum Pressure per Tire - Floor Loading-Maximum effort on the stabilizers	4	4001323290	4001323300
4	Decal HAULOTTE®- 495 x 80 -Bright machine	3	4001072210	
4	Decal HAULOTTE®- 495 x 80 -Dark machine	3	4001072220	
5	Decal HAULOTTE®- 165 x 80 -Bright machine	1	4001072250	
5	Decal HAULOTTE®- 165 x 80 -Dark machine	1	4001072260	
6	Identification plate	1	4000700170	
11	Lanyard attachment points	6	307P216290	
12	Material risk-Yellow and black adhesive tape	6	4001052030	
16	Max and min oil level	1	307P221060	
17	Risk of crushing	4	In english: 4000130190 In french: 4000130200 In spanish: 4000130210	
19	Operation instructions	1	4000025140	
23	Risk of crushing-Driving direction	1	3078145100	
28	Do not interchange-Software version	1	4000504670	
32	Anchorage point-Traction	4	4000027310	
33	Anchorage point-Elevation	4	4000027330	
34	Water projection-No high-pressure washing	2	4000025130	
35	Repairs operation	2	In english: 4000243670 In french: 4000243680 In spanish: 4000243690	
37	Explosion hazard	1	In english: 4000025010 In french: 4000068130 In spanish: 4000086560	
38	Hand crushing hazard-Heat burns	1	In english: 4000025040 In french: 4000068110 In spanish: 4000086540	
53	Emergency lowering-T-handle	1	4000227200	

Marking	Description	Quantity	Compact 2668 RT	Compact 3368 RT
59	Scissors safety	2	In english: 4000024850 In french: 4000068070 In spanish: 4000086500	
61	Risk of crushed feet	4	In english: 4000024780 In french: 4000067700 In spanish: 4000086480	
65	Fire Hazard	1	In english: 4000025030 In french: 4000068120 In spanish: 4000086550	
68	Transport height	1	4001323310	4001323320
74	California warning- P65	1	4001026850	
78	QR Code (https://www.e-technical-information.com)	1	4001089310	
202	Diesel Fuel Only-California warning	1	4000201430	

C - Pre-operation inspection

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Notes

1 Recommendations

The owner, the site manager, the supervisor and the operator are all responsible to ensure the machine is fit for the work it is to perform; i.e. that the machine is suitable to carry out the work in complete safety and in compliance with this Operator's Manual. All managers who are responsible for persons operating the machine must be familiar with the local regulations currently applicable in the country of use and ensure that they are adhered to.

Before using the machine, read the previous chapters in this manual. Ensure that you have understood the following points:

- Safety precautions.
- Operator's responsibilities.
- Conditions and the operating principles of the machine.

2 Working area assessment

Before carrying out any operations, ensure that the machine corresponds to the work to be done and the working environment:

- Carry out a thorough inspection of the site to identify any potential risks within the work zone.
- Take the necessary precautions to avoid collisions with other machinery or people within the work area.
- Mark out the work area.
- **Ensure that:**
  - The weather conditions (wind, rain, etc.) allowing the machine to be used.
  - The ground withstands the weight of the machine and has not been affected by the poor weather conditions.
- Check that the authorisations to work with the machine on the site in question have been obtained (.g. chemical product factories).
- Define a rescue plan for all the risks, including the risk of falls and crushing.

3 Inspection and Functional test

3.1 Daily inspection

Each day before the beginning of a new work session and with each change of operator, the machine must be subjected to a visual inspection and a complete functional test.

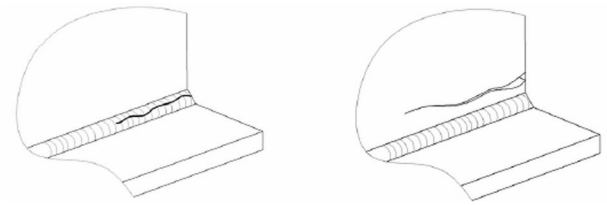
- Never use a defective or a malfunctioning aerial work platform.
- If any item on the check list is marked "No" during the inspection; machine must be tagged and placed out of service.
- Do not operate the machine until all identified items are corrected and it has been declared safe for operation.

In case of loose fasteners, refer to torque table value in maintenance book.

In case of leaks, replace the damaged part before use.

In case of structural part deformation (cracks, broken weld, paint chips) replace the part before use.

Examples of cracked welds



We recommend these forms to be completed daily and stored to assist with your maintenance schedule.

Each action is depicted in the daily inspection sheet using the following symbols.

Use the detailed program below.

	Oil change		Lubrication-Lubrication		Tightening
	Levelling		Systematic replacement		Functional adjustments / Checks / Cleaning
	Visual inspection		To check by test		

Serial number:	
Hours of operation:	
HAULOTTE Services® contract reference:	Model:
Intervention record number:	Signature:
Date:	
Name:	

C - Pre-operation inspection

Engine-powered scissor lifts

Haulotte	Daily	OK	NOK	Corrected	Comments
Chassis assembly: Wheel, reducer, steering, wheel pivot					
Check state of tires/tyres and inflations					
Clean the pads slide					
Thermal engines					
Check engine fuel level (Top up the oil if necessary)					
Check engine oil level (Top up the oil if necessary)					
No leaks from engine components (engine, hoses, radiator)					
Check the condition of the battery					
Check the cooling circuit level (Top up the oil if necessary)					
Hydraulic : oils, filters and hoses					
Check the hydraulic oil level (Top up the oil if necessary ; Machine stowed)					
Check the clogging indicator on the hydraulic pressure filter (change if clogged)					
Check the hoses, blocks and pumps, fittings, cylinders and the tank for the absence of leaks, deformations and damage					

C - Pre-operation inspection

Haulotte	Daily	OK	NOK	Corrected	Comments
Platform					
Ensure that the gate or sliding bar shall be designed to either return automatically to the closed and latched position					
Check that the harness anchor points are not cracked or damaged					
Clean the platform extension					
Check the quick ties and the good location of the guardrail					

Engine-powered scissor lifts

Haulotte	Daily	OK	NOK	Corrected	Comments
General					
Check for the presence, cleanliness and readability of the manufacturer's plates, security labels, user manual and maintenance manual					
Check the cleanliness and readability of the control box					
Test the opening and closure of covers (chassis, turntable, upper control box)					
Check the condition of electrical harnesses, cables and connectors					
Check for the absence of abnormal noise and jerky movements					
Check for the absence of visible deterioration and damage					
Check for the absence of cracks, broken welds and chipped paintwork on the structure					
Check for the absence of missing or loose screws and bolts					

C - Pre-operation inspection

Haulotte	Daily	OK	NOK	Corrected	Comments
Check for the absence of deformation, cracking and breakage of axis stops, bushing and axes					
Check for the absence of foreign bodies in joints and sliding parts					
Safety devices					
Test the operation of the upper and lower control boxes: manipulators, switches, buttons, horn, emergency stops, screens and lights					
Check the absence of visual and audible alarms					
Test the operation of the tilt system					
Test the operation of the emergency lowering system					
Check the operation of the overload indicator					

4 Safety functional checks

To protect the user and the machine, safety systems prevent the movement of the machine beyond its operating limits. These safety systems when activated immobilize the machine and prevent further movement.

The operator must be familiar with this technology and understand that is not a malfunction but an indication that the machine has reached an operation limit.

The aerial work platforms are fitted with a platform control box (main control box) and a ground control box (emergency control box) enabling users to use the machine safely. In order to rescue people from the platform, an rescue device (emergency handle (C52)) is available if the main power source fails.

The following checks describe the operation of the machine and the specific controls required.

For the location and description of these controls:  refer to section B 3.3 and D 2 - Ground control box and B 3.4 and D 3 - Platform control box.

4.1 Emergency Stop button check

Ground control box Emergency Stop button

Step	Action
1	Pull the Emergency Stop button (15) at the ground control box.
2	Turn the key of the control box activation switch (72) to the right to energize the ground control box. The indicators light up.
3	Push the Emergency Stop button (15). The battery charge (4) and engine oil pressure (2) indicators remain lit.

Platform control box Emergency Stop button

Step	Action
1	Pull both Emergency Stop buttons (15) at ground box and (46) at platform box.
2	Turn the key on the control box activation selector switch (72) to the left to energize the platform control box. The indicators light up.
3	Push the Emergency Stop button (46). The power on indicator (31) remains lit. The engine start-up (61) and horn (62) functions are disabled.

N.B.-:-AN AUDIBLE SIGNAL SIGNAL REPEATED 1 OR 2 TIMES EVERY 20-30 SECONDS INTERMITTENTLY WHEN THE MACHINE IS IN TRANSPORT POSITION INDICATES THAT AN EMERGENCY STOP BUTTON HAS BEEN PUSHED IN, THE MACHINE IS STOPPED BUT THE POWER IS STILL SWITCHED ON. TO SWITCH OFF THE POWER TO THE MACHINE, TURN THE CONSOLE ACTIVATION SELECTOR KEY (72) ON THE LOWER CONSOLE IN THE CENTRE TO NEUTRAL POSITION.

4.2 Activation of controls

The enable foot pedal (enable switch) must be activated to allow any movement.

The "Enable Switch" system depends on the machine configuration and will consist of one of the following:
- Enable switch at ground box (123).
- Trigger on platform control joystick (123).
- Foot pedal (enable switch) in the platform (If equipped (245)) .

N.B.-:-THE ENABLE SWITCH MUST BE ACTIVATED FIRST BEFORE ANY ACTION ON THE JOYSTICK OR SWITCHES.

4.3 Fault detector

N.B.-:-THE PRESENCE OF THIS DEVICE DEPENDS ON THE MACHINE CONFIGURATION.

The fault indicator LED flashes to indicate a malfunction.

The machine switches to downgraded mode.

Certain movements can be limited or forbidden to preserve the operator's safety.

4.3.1 Buzzers test

From the ground control box

Step	Action
1	Pull both Emergency Stop buttons (15) at ground box and (46) at platform box.
2	Select the upper console (72).
3	The indicator (31) at the platform control box lights up, and there is an audible signal (beep).

4.4 Automatic engine cut-out

The engine automatically cuts out in the following conditions:
- The alternator is not functioning.
- Engine temperature is too high.
- Oil pressure is too low.
- The Emergency Stop(s) is (are) pushed in.

4.5 Overload sensing system

If the platform load exceeds the maximum allowed load, no movement is possible from the 2 control boxes.

At ground and platform control boxes a buzzer sounds and an indicator light warns the operator.

To return the machine to normal operation remove weight from the platform until the load is below the maximum allowed load.

Daily check that the LED's illuminate when the machine is switched on:
- Verify that the Overload system is active: Refer to Indicators (6) at ground and (30) at platform.
- Verify that the buzzers are functioning: Refer to Buzzers test

A periodic inspection of this device must be performed according to the recommendation in Maintenance Schedule.

4.6 Slope warning device

From each control box, a buzzer alerts the operator that the machine is not folded/stowed and is positioned on a slope exceeding the slope allowed.

N.B.-:-THE SLOPE SENSOR IS ONLY ACTIVE WHEN THE PLATFORM IS NOT IN THE STOWED POSITION.

When machine is on a slope greater than the rated slope, with extending structure out of the stowed position:

- The DRIVE and LIFTING (RAISING) commands are deactivated.

The lowering speeds are reduced.

In this case, fully lower the platform and reposition the machine on level ground before raising the platform again.

To check the tilt sensor at ground level, perform the following steps:

Daily check

Step	Action
1	Pull the Emergency Stop push-buttons on the platform and ground control boxes (15, 46).
2	Switch on the machine from the ground control box (72).
3	Locate the tilt sensor next to the ground control box.
4	Manually tilt and maintain the tilt sensor towards the front for a few seconds (B 3.1 - Layout) .
5	The audible beep sounds.
6	For machines fitted with: The slope sensor prevents lifting and driving movements.

4.7 Travel speed limitation

The machine has a selector of 3 driving speeds - low, medium and high.

All driving speeds are enabled when the machine is not elevated.

The maximum travelling speeds are reduced when the following lifting height is reached:

Machine	Transport configuration limit height	
	Mètre	Feet
COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT	2,50 - 2,70	8 ft 2 in - 8 ft 10 in

Above these values, only micro-speed is authorized:
- Driving is only possible if machine outriggers is raised.
- Driving is cut off if the tilt exceeds the authorized limit.
- For COMPACT 12DX - COMPACT 3368RT only: As soon as the base reaches 8 m(26 ft3 in) from the ground, driving movements are cut off.

For EAC standard only:
- All driving speeds are authorised when the machine is folded, (machine in transport position).
- Driving is cut off if the tilt exceeds the authorized limit.

4.8 Platform lifting

For EAC standard only:

Platform lifting is only authorized if the 4 stabilizers are braced against the ground.

4.9 Anti-crush system when lowering

A device alerts people on the ground of a risk of crushing:
- CE and EAC standards: Descent is stopped for at least 3 s at the transport configuration limit height and lowered position when descent is activated from the platform control box.
- Other standards: Descent is slowed (with an audible alarm) when descent is activated from the platform and ground control boxes.

4.10 Braking test

Check that there are no hazards in the test area:
- Position the machine on a flat and firm surface, clear of obstructions (beware of power lines).

- The machine must be completely stowed.
- Ensure that there is sufficient distance to stop the machine in complete safety.
- Position the steered wheels so that they are straight.
- To set up a beaconing of safety around the test area.
- Personal fall protection equipment (PFPE) is compulsory to carry out this test.

Platform control box

Step	Action
1	Pull both Emergency Stop buttons; at ground box and at platform box.
2	Turn the ground control box selector key to platform control box position.
3	Select low drive speed , then slowly move the drive joystick.
4	Drive the machine forward in low speed on a ramp inclined at less than the maximum authorized slope.
5	Release joystick.
6	The machine comes to a complete stop. Keep the machine immobilized for 5 seconds.
7	Check the ability of the brakes to keep the machine immobilized. The machine must remain immobile.

4.11 Overload test

N.B.-:-
THE OVERLOAD SYSTEM IS AN ESSENTIAL PART OF MACHINE SAFETY. THE TEST MUST BE CARRIED OUT BEFORE THE SALE/RESALE OF THE MACHINE AND/OR AT LEAST ONCE A YEAR.

SECTION MAINTENANCE - PLEASE REFER TO PARAGRAPH PERIODIC INSPECTION.

You will need:

	- Personal protective equipment - DO NOT OPERATE tag - Standard tool kit - Lifting equipment adapted and suitable for placing and removing the load from the platform - 2 loads of 100% and 120% of the nominal load: Refer to section B - Technical specifications.		- Place barriers around the perimeter of the work area
	1 person		

Procedure:

Platform control box

Step	Action
1	Position the machine on a flat and firm surface, clear of obstructions (beware of power lines).
2	Start the machine.
3	Put the machine in stowed position.
4	Mark out the work area (barriers, cones, marking tape) .
5	Restrict access to the area (restricted access sign).
6	Place a do not operate tag at the start/stop switch location to inform personnel that the equipment is being worked on.
7	Use external lifting equipment to position 100% of the nominal load in the center of the platform.
8	From the ground control box: Check that there is no overload alarm.
9	Remove the weight from the platform.
10	Use external lifting equipment to position 120% of the nominal load in the center of the platform.
11	Check that the overload/fault indicators are lighted on the 2 control boxes.
12	Check that the overload alarms are displayed on the screens of the 2 control boxes.
13	Remove the load from the platform.

Notes

D - Operation instructions

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Notes

1 Operation

1.1 Introduction

Only trained and authorized personnel shall be permitted to operate this aerial work platform.

Prior to operation:
- Read, understand and obey all instructions and safety precautions in this manual and attached to the aerial work platform.
- Read, understand and obey all local regulations.
- Become familiar with the proper use of all controls and emergency systems.

1.2 Major description

All the machines are equipped with:
- Platform control box.
- Ground control box.

- An Emergency Stop button is present at each control box.
- The Emergency Stop button at the ground control box stops all movements when pressed in.
- The Emergency Stop button at the platform control box stops all movements when pressed in and the platform control box is selected. The Emergency Stop button at the platform control box is neutralized when the ground control box is selected.

1.3 Operation from the ground control box (Service / Emergency station)

The ground control box is designed for maintenance and emergency rescue operations only.

- Turning "ON" and "OFF" of the machine is performed with the Control box activation key switch (72).
- Activation of a desired control box is achieved by turning the Control box activation key switch (72) to the desired position .
- The ground control box is energized and is active ONLY when:
  - The emergency stop on the ground control box is not pushed in.
  - The machine is switched on.
  - Ground control box is selected.
- An Enable Switch (123) provided must be activated and maintained to authorize one or more function movements. If Enable Switch (123) is kept engaged without selecting a function movement for more than 8 s; Enable Switch is automatically de-activated.

N.B.-:-THE ENABLE SWITCH (123) MUST BE ACTIVATED FIRST BEFORE ANY ACTION ON THE JOYSTICK OR SWITCHES.

- Drive and steer movements are not possible from the ground control box.
- The release of "Enable switch" (123) while performing a movement stops all the movements. The stop of movements is progressive. If the Enable Switch system is re-pressed, the movement doesn't restart. It could restart only when the selected function switch/joystick is released to neutral position.
- All switches and joystick operating a movement, return automatically to neutral when released.
- Enable Switch
  - Engine running, the switch acts as an Enable Switch only.
- The status of the switches is tested automatically when the machine is switched on, and checked at every starting. A switch will be active only after it has been detected to be in neutral position. The following switches are not controlled:
  - Accelerator: engine rpm
  - Beacon light (if fitted)
- A switch provides the start and stop of the engine.
- Engine speed (If fitted): This switch increases the engine rpm to the maximum speed.
- A buzzer beeps in the following conditions:
  - When power is switched on.

- Overload.
- Slope if machine is out of stowed position.
- Hydraulic oil overheating.
- Movement buzzer option.
- Drive buzzer option.

- Indicators/Cluster: All indicators are checked after powering on the machine.

1.4 Operation from the platform control box (Main station)

- The platform control box can only be used if:
  - The Emergency Stop buttons on both ground and platform control boxes are not pressed in.
  - Machine switched on at ground control box.
  - Platform control box selected from ground control box.
- A faulty joystick is not taken into account to control a movement. If this fault disappears, the movement is authorised again.
- An Enable switch (123) or Foot Switch in the basket (245) is present and should be activated to authorize one or more function movements. If the Enable Switch is kept active for more than 8 seconds without selecting a function movement, then movement is disallowed. The enable switch must be released (reset) before movement can occur.

N.B.-:-THE ENABLE SWITCH (123) (245) MUST BE ACTIVATED FIRST BEFORE ANY ACTION ON THE JOYSTICK OR SWITCHES.

- The release of "Enable switch" (123) or Foot pedal switch in the basket (245) while performing a movement stops all the movements. The stop of movements is progressive. It could restart only when the selected function switch/joystick is released to neutral position.
- All switches and joystick operating a movement, return automatically to neutral when released.
- The status of the switches and joysticks is tested automatically when the machine is switched on. A switch or joystick will be active only after it has been detected in neutral position.
- A buzzer beeps in the following conditions:
  - When power is switched on.
  - Overload.
  - Slope if machine is out of stowed position.
  - Hydraulic oil overheating.
  - Movement buzzer option.
  - Drive buzzer option.
- Indicators: All indicators are checked when the machine is powered ON.

While driving on a slope:
- Always orientate the machine in the direction of the slope.
- Stow the machine completely.
- Do not travel down slopes in high speed.
- Do not drive fast in narrow or cluttered areas. Keep speed under control while making turns or sharp bends.

2 Ground control box - Service / Emergency station

2.1 To start and stop the machine

- Ensure that the Emergency Stop buttons (46) and (15) at the ground and platform control boxes are pulled out.
- Turn the key of the control box activation switch (72) to the right to energize the ground control box.

To shut-down the machine from the ground control box
- Turn the control box activation selector (72) key to the center.
- Push in the Emergency Stop button (15).

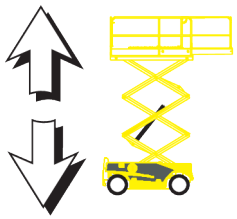
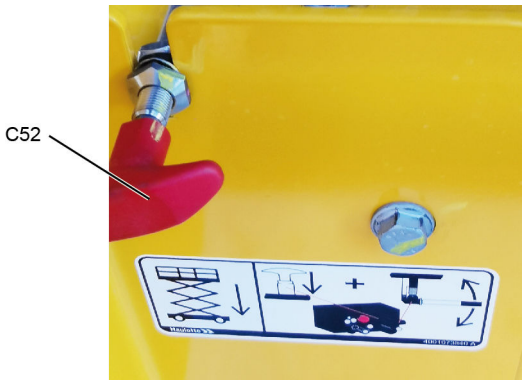
2.2 Movement control

Even at low movement speeds, use the controls with caution.

N.B.-:-THE ENABLE SWITCH (123) MUST BE ACTIVATED FIRST BEFORE ANY ACTION ON THE JOYSTICK OR SWITCHES.

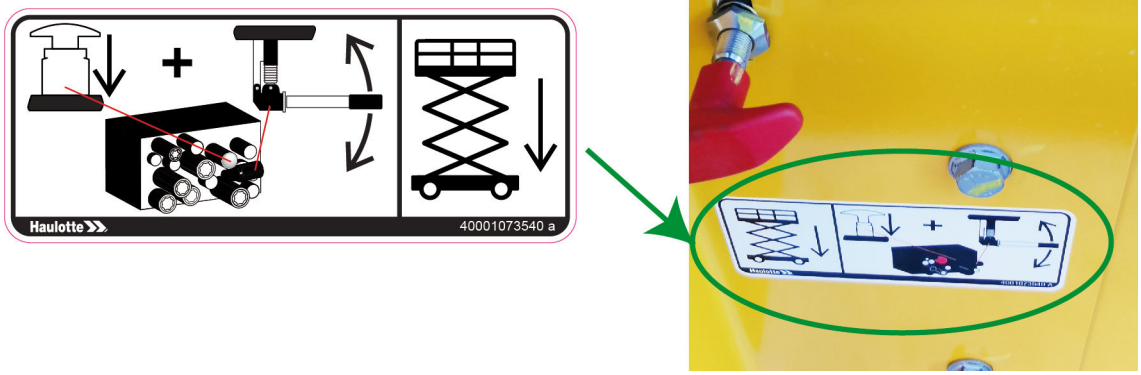
N.B.-:-RELEASING THE ENABLE SWITCH (123) WILL STOP ALL MOVEMENTS.

Ground box controls (emergency station)

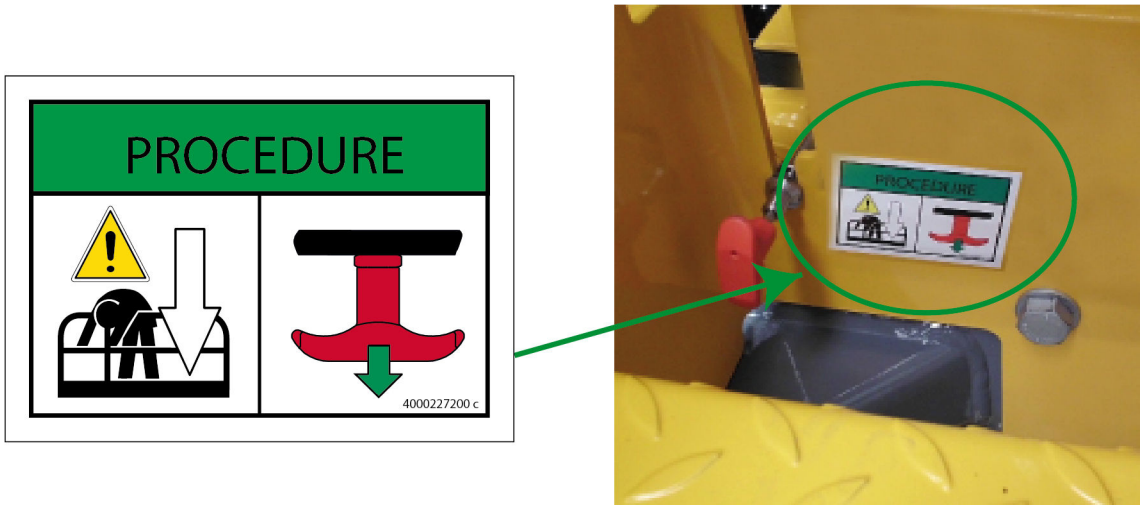
Command		Action
Platform raising / lowering		Push the platform raising / lowering selector (106) upwards to raise the platform.
		Press the platform raising / lowering selector (106) downwards to lower the platform.
Emergency lowering / Emergency platform lowering halted		Pull the T-handle (C52) to lower the platform.
		Release the T-handle (C52) to stop platform lowering.

Once rescue operations are complete, write an incident report.

Pull T-handle for emergency lowering-CE, AS and EAC standards



Pull T-handle for emergency lowering-ANSI and CSA standards



N.B.-:-PULLING ON TO THE T-HANDLE, IMMEDIATELY ACTIVATES THE EMERGENCY LOWERING OF THE PLATFORM.

ALWAYS keep personnel and obstructions clear of the aerial work platform that might block the lowering.

2.3 Additional controls from the ground control box

For the machines equipped with beacon light

- Push the beacon light selector switch (24) to the right to turn ON the beacon light.
- Push the beacon light selector switch (24) to the left to turn OFF the beacon light.

3 Platform control box - Main station

3.1 To start and stop the machine

To start the machine:

At the ground control box:

- The Emergency Stopp button on the ground control box must be in ON position (pulled out / activated).
- Turn the key on the control box activation selector switch (72) to the left to energize the platform control box.

At the platform control box:

- Pull the Emergency Stop button(46).
- Press the engine starter button (230) to start the machine (Wait until the pre-heating light (51) goes off before starting the engine) .

To stop the machine:

- Press the engine OFF button (230).

3.2 Drive and steer control

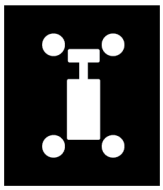
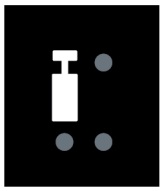
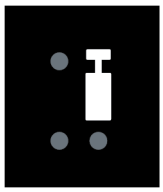
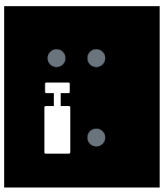
Activate the controls and the Enable Switch simultaneously to perform the various movements. Except for stabilizing movements.

N.B.-:-THE ENABLE SWITCH (123) (245) MUST BE ACTIVATED FIRST BEFORE ANY ACTION ON THE JOYSTICK OR SWITCHES.

Command		Action
Driving		Move the drive joystick (108) forwards to drive the machine forwards.
		Move the drive joystick (108) backwards to drive in reverse.
Front-axle steering		Push the front-axle steering selector thumb switch (108) to the right to steer to the right.
		Push the front-axle steering selector thumb switch (108) to the left to steer to the left.

N.B.-:-THE RELEASE OF THE SELECTORS AND (OR) JOYSTICKS CAUSES ALL MOVEMENT TO STOP.

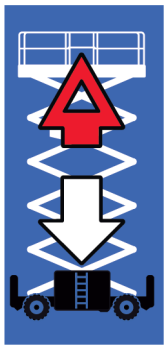
Outriggers controls

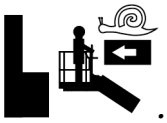
Command		Action
Stabilizer extension/ retraction		Push the central stabilizer extension/retraction selector (250) downwards until the machine is stable (LED lit).
		Push the central stabilizer extension/retraction selector (250) upwards until the stabilizers are fully retracted (LED off).
Front left stabilizer extension/retraction		Push the front left stabilizer extension/retraction selector (246) downwards until the stabilizer is braced against the ground (LED lit).
		Push the front left stabilizer extension/retraction selector (246) upwards until the stabilizer is fully retracted (LED off).
Front right stabilizer extension/retraction		Push the front right stabilizer extension/retraction selector (247) downwards until the stabilizer is braced against the ground (LED lit).
		Push the front right stabilizer extension/retraction selector (247) upwards until the stabilizer is fully retracted (LED off).
Rear left stabilizer extension/retraction		Push the rear left stabilizer extension/retraction selector (248) downwards until the stabilizer is braced against the ground (LED lit).
		Push the rear left stabilizer extension/retraction selector (248) upwards until the stabilizer is fully retracted (LED off).
Rear right stabilizer extension/retraction		Push the rear right stabilizer extension/retraction selector (249) downwards until the stabilizer is braced against the ground (LED lit).
		Push the rear right stabilizer extension/retraction selector (249) upwards until the stabilizer is fully retracted (LED off).

N.B.-:-THE RELEASE OF THE SELECTORS AND (OR) JOYSTICKS CAUSES ALL MOVEMENT TO STOP.

3.3 Movement control

N.B.-:-THE ENABLE SWITCH (123) (245) MUST BE ACTIVATED FIRST BEFORE ANY ACTION ON THE JOYSTICK OR SWITCHES.

Command		Action
Platform raising / lowering		Push the platform raising / lowering selector (95) upwards to raise the platform. Push the movement joystick (108) forwards to raise the platform.
		- Press the platform raising / lowering selector (95) downwards to lower the platform. Push the movement joystick (108) backwards to lower the platform. - Before lowering the platform, retract the extension or extensions.

N.B.-:-
BEFORE LOWERING THE PLATFORM, THE EXTENSIONS MUST BE RETRACTED TO ENSURE VISIBILITY AND AVOID POTENTIAL CONTACT WITH SURROUNDING STRUCTURES  .

3.4 Additional controls

- Horn: Push the horn selector (62) to the right to sound the horn. The horn stops when the selector switch is released.

4 Rescue and emergency procedures

4.1 In case of power loss

In case of loss of the main power source, lower the basket (or platform) using the T-handle on the chassis.

In an emergency, if the operator has to exit the platform while it is elevated, the transfer of the operator must respect the following recommendations.

- Exit onto a sturdy and safe structure.
- The occupant(s) must ensure that 2 lanyards are used for security/safety. One must be attached to the designated anchorage point on platform the occupant(s) is in and the other attached to the structure intended to get on.
- Occupant(s) must exit the current platform through the normal access.

N.B.-:-DO NOT DETACH THE LANYARD FROM THE CURRENT PLATFORM IF THE TRANSFER TO THE NEW STRUCTURE POSES ANY DANGER OR UNTIL THE TRANSFER IS SAFELY COMPLETED. DO NOT ATTEMPT TO CLIMB DOWN FROM THE PLATFORM. WAIT FOR ASSISTANCE TO LEAVE THE CRADLE SAFELY.

4.2 To rescue operator in platform

- In a situation where an operator located in the platform needs to be rescued (for example in case of illness, injury or trapped against a structure making the control box inaccessible), the rescue personel at ground level needs to obtain rapid and direct access to operating functions. HAULOTTE® has implemented a control system for safely lowering the operator to the ground in the event of an emergency to enable him to receive the neccessary treatment. The system enables the occupants to descend to ground level, even if the emergency stop button on the platform control box is pressed in.
- If the platform becomes jammed on an element or a structure (extension extended), preventing it from being lowered to ground level, the person in the platform must be rescued or evacuated by qualified personnel:

The system allows occupant(s) to be lowered to the ground level, even if an Emergency Stop is engaged or if an overload is detected.

Lower the platform using the T-handle on the chassis.

Once rescue operations are complete, write an incident report.

5 Transportation

5.1 Transport configuration

During loading, ensure that:
- The loading ramp can support the machine weight.
- The loading ramp is correctly attached to transport vehicle.
- The loading ramp has sufficient grip surface.
- The transport vehicle must be parked on a level surface and must be secured to prevent rolling away while machine is being loaded or unloaded.
- The floor of the transport truck and/or the trailer can bear the weight of the machine.

To climb the slope, move progressively the drive joystick (108).

If the slope is too steep, use a winch in addition to traction.

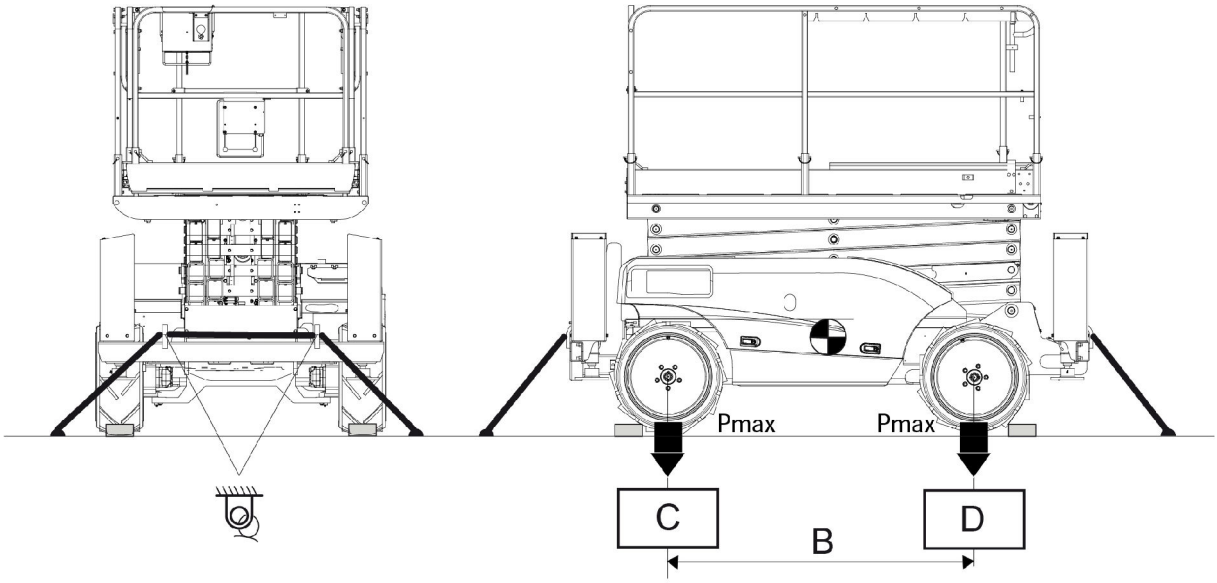
Do not place yourself below or too close to the machine during loading.

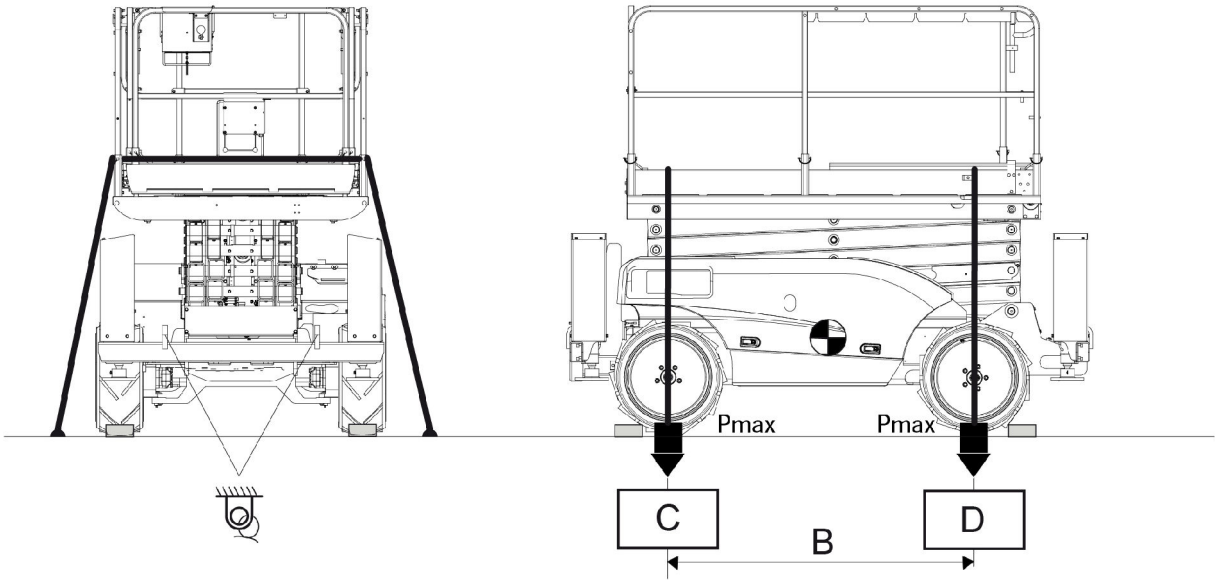
The machine must be completely in the stowed configuration:
- Check the platform is completely empty.
- Platform extension must be retracted in the locked position.
- Drive the machine onto the truck bed. While constantly checking the wheel position.
- Secure the machine to the tie down points provided (See picture) .

The manual extension (if fitted) must be retracted and locked during transport or towing.

5.2 Machine stowage for transport- COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT

COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT





Loading characteristics

Marking	Description	COMPACT 10DX - COMPACT 2668RT	COMPACT 12DX - COMPACT 3368RT
B	Lateral distance between the wheels	1.87 m (6ft 1in)	1.87 m (6ft 1in)
C	Front wheel ground pressure	8.42 daN/cm² (1.737 lbf/sq.ft)	6.1 daN/cm² (1.258 lbf/sq.ft)
D	Rear wheel ground pressure	8.42 daN/cm² (1.737 lbf/sq.ft)	6.1 daN/cm² (1.258 lbf/sq.ft)
	Anchorage point		

5.3 Unloading

Before unloading, check that the machine is in good condition and that it has not suffered any damage during transport.

- Remove the tie downs.
- Pull the Emergency Stop buttons (15) at ground control box and (46) on the platform control box.
- At ground control box turn control box activation switch (72) to the left to energize platform box.
- On the platform control box, press and hold the activation switch (123) while gently and progressively moving the drive joystick (108).

Upon starting a machine that has been secured and transported, the safety system may detect a false overload preventing all movement from the platform control box.

To reinstate the system, lift the platform a few centimetres (inches) from the ground control box.

5.4 Towing

In the event of a machine breakdown, the machine can be towed a short distance to load it onto a transport vehicle:
- Ensure that no one is in the platform during towing.
- Before towing, ensure that the platform is fully lowered.
- The platform must be empty.
- ALWAYS keep personnel and obstructions clear of the aerial work platform when brakes are released.

To tow a broken-down machine, release brake (Refer to D 5.4.1 - Brake release) .

In the towing configuration, the machine braking system is inactive. Use a drawbar to avoid any risk of accident:

- Do not exceed the maximum freewheel speed (Refer to B 4.1 - Technical specifications) .
- Do not use on a slope with a gradient greater than 25%.

Perform these operations on flat, horizontal ground. Block the wheels to immobilize the machine. The machine is in free wheel mode, so the braking system is not active.

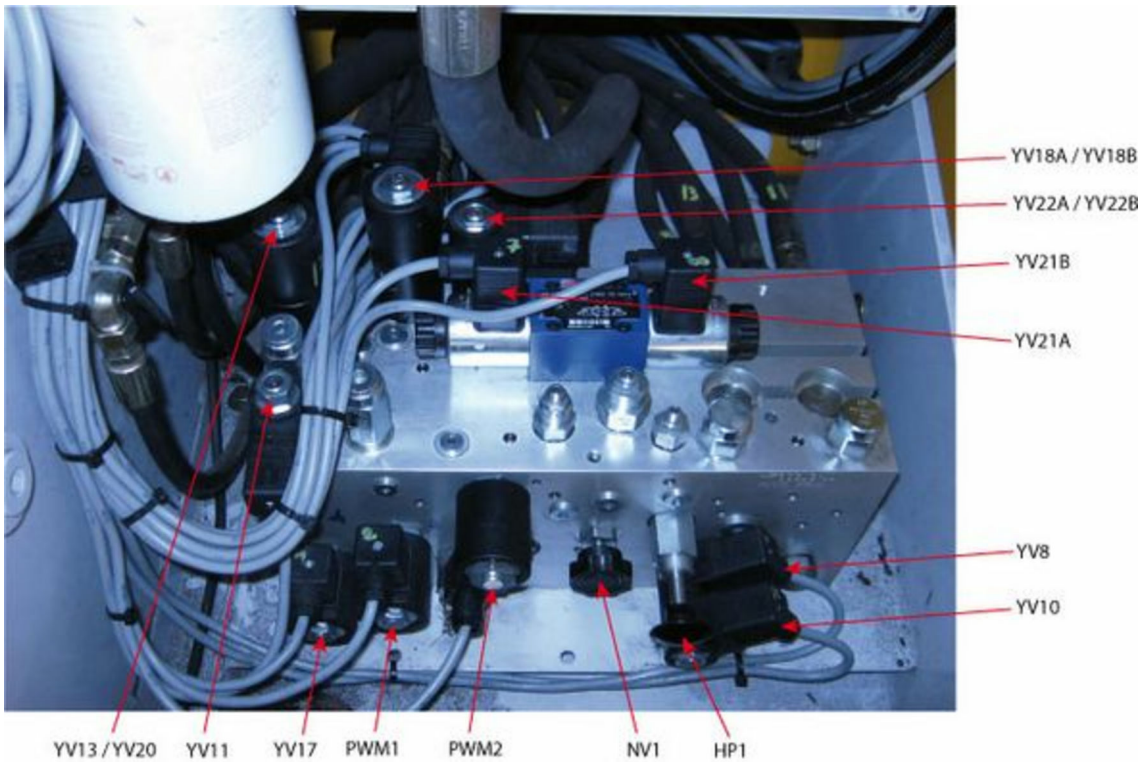
5.4.1 Brake release

To tow a broken-down machine, perform manual brake release.

Perform these operations on flat, horizontal ground. Failing that, block the wheels to immobilize the machine. When drive hubs are disengaged, the machine is in free wheel mode and the brake system no longer functions.

1. Open the tap (NV1) (Unscrew completely) .
2. Push the pump by hand (HP1) until the brake is fully released.
3. Slow towing.

After towing the machine: Close the tap (NV1) (Tighten fully) .



In the towing configuration, the machine is no longer slowed down. Use a drawbar to avoid any risk of accident.

Do not exceed 5 km/h(3,10 mph).

5.5 Storage

The machine can be stored in a designated area when not in use. If it is stored for more than 3 months without being used, an inspection must be carried out before it is put back into service.

For engine storage condition follow engine supplier operator and maintenance manuals.

Do not store or immobilise the machine when it is unfolded.

Ensure all access panels, doors and side compartment covers are shut and secured.

Turn the energizing key selector switch (72) at the ground control box to the "center" position to shut OFF the power.

Remove the ignition key to prevent unauthorized operation of the machine.

Storing of the machine with an obstacle under the platform structure is forbidden.

To avoid any risk of corrosion on rods of cylinders during a storage period of more than 1 month:

- In a normal atmospheric environment: perform a complete cycle for the cylinders every 2 months while they are in storage.
- In harsh environments (high levels of salinity in the atmosphere: close to the sea, industrial environment with chloride emissions and/or humidity >70%), we recommend applying the following protection process:

- Wash and rinse the entire machine with plenty of clean water.
- Dry all the cylinder rods using an air gun.
- Apply a solvent-based oil leaving an oily film after evaporation of the solvent directly to all rods left exposed when the machine is in storage position.
- Re-apply the product every month.

After washing the machine, make sure it is fully air-dry and does not contain moisture on corrosive parts (cylinders rods for example). Do not wash electrical components with a high pressure washer. Wipe away dirt from around electrical components with a dry cloth.

5.6 Loading and unloading

To avoid any risk of sliding during loading, ensure that:
- The loading ramp can bear the load.
- The loading ramp is correctly attached.
- The loading ramp has sufficient grip.
- The machine is completely stowed.

To climb the slope, select low driving speed  . If the slope is too steep, use a winch in addition to traction.

Never place yourself below or too close to the machine during loading. A wrong move can lead to the tipping over of the machine and cause serious bodily and material accidents.

5.6.1 Lifting operation

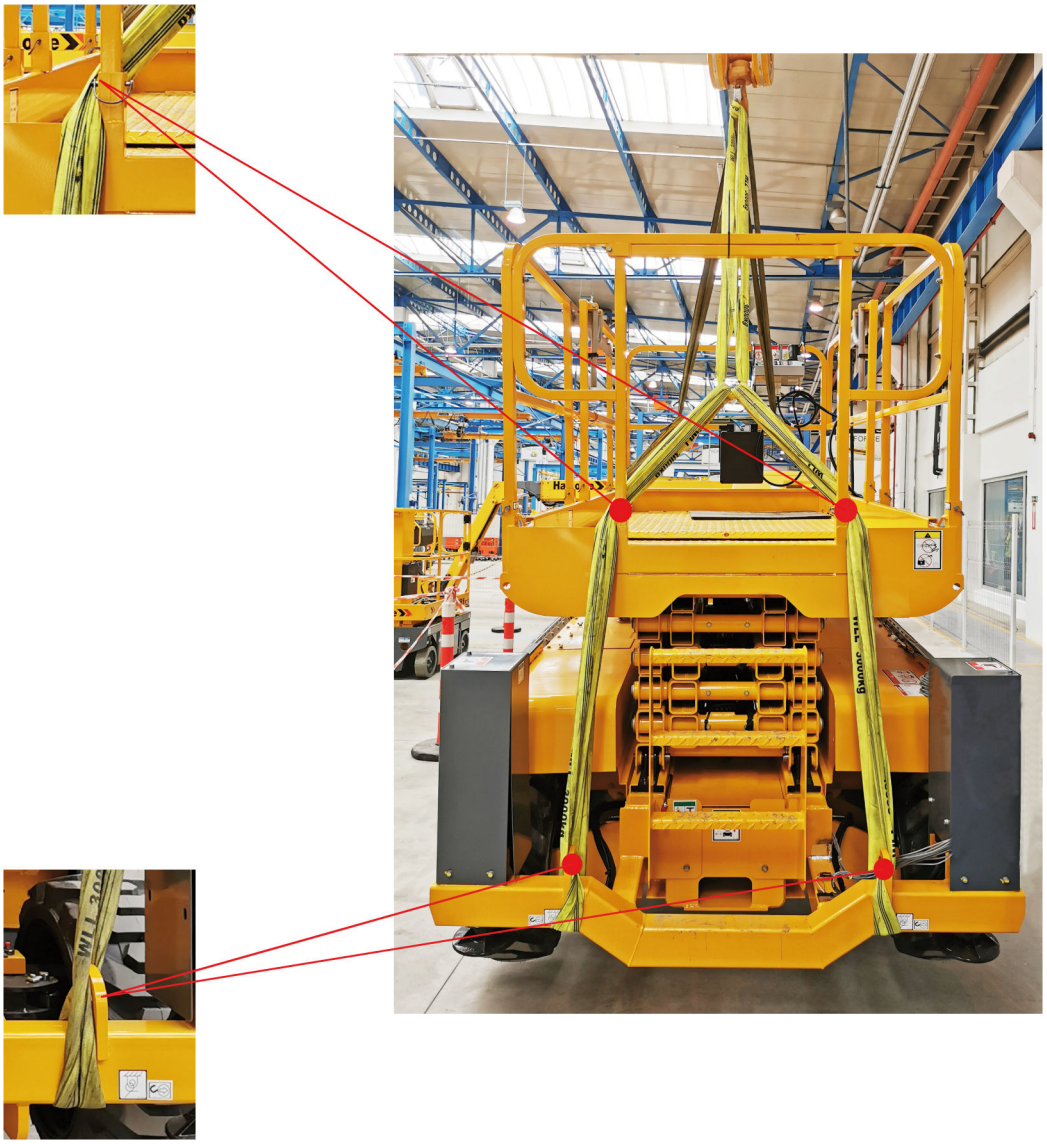
Ensure that:

- The machine is completely stowed.
- The platform must be empty.
- The lifting equipment ie. slings, shackles, hooks, lifting beam etc. are in good condition and of sufficient capacity.
- The personnel performing the lift are authorised to safely perform the lift operation.

Procedure for the use of slings - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT

Procedure for the use of slings - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT-Front view of the machine

Procedure for the use of slings - COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT-Rear view of the machine



Machine	Number of slings	Length	Maximum load per sling and shackle
COMPACT 10DX - COMPACT 2668RT COMPACT 12DX - COMPACT 3368RT	6	4 m(ft1 in)	3000 kg(6615 lb)

The capacity of the lifting device is 5000 kg(11025 lb).

Pay special attention to sharp edged surfaces, which can cut the slings.

Before moving or raising the machine higher than 20 cm above the ground, ensure that it is well balanced.

6 Cold Weather Recommendations

In cold weather conditions, allow engine to run for at least 5 min to warm up ; before operating any function thereby preventing any damage to the hydraulic system.

In extreme cold conditions, machines should be equipped with optional cold start kits.

Attempting to start engine when temperature is in the negative range, may require the use of a booster battery.

If engine fails to start, do not crank for an extended time. Allow starter to "cool off" for a few minutes before attempting again. If engine fails after several attempts, refer to the engine maintenance manual.

N.B.-:-INITIAL STARTING SHOULD ALWAYS BE PERFORMED FROM THE GROUND CONTROL BOX.

6.1 Engine oil

The correct SAE viscosity grade of oil is determined by the minimum ambient temperature during cold engine start-up, and the maximum ambient temperature during engine operation.

In general, use the oil with the lowest viscosity to meet starting temperature requirements.

Engine oil viscosity		
Viscosity index	**Ambient temperature**	
	Minimum	Maximum
SAE 0W20	-40°C (-40°F)	10°C (50°F)
SAE 0W30	-40°C (-40°F)	30°C (86°F)
SAE 0W40	-40°C (-40°F)	40°C (104°F)
SAE 5W30	-30°C (-22°F)	30°C (86°F)
SAE 5W40	-30°C (-22°F)	40°C (104°F)
SAE 10W30	-20°C (-4°F)	40°C (104°F)
SAE 15W40	-10°C (14°F)	50°C (122°F)

Classification API

Fuel type	Engine oil classification
Low sulfur fuel ≤ [0.05% (500 ppm)] Sulfur content < 0.50% (5000 ppm)	APICJ-4 or CK-4 (If fuel with a high sulfur content is used, change the engine oil more frequently (reduce the intervals between each oil change by approximately half))

N.B.-:-FOR ADDITIONAL ENGINE OIL RECOMMENDATIONS, REFER TO THE ENGINE MANUAL PROVIDED WITH THE MACHINE.

6.2 Hydraulic oil

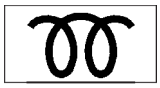
External environmental conditions can reduce performance of the machine if the hydraulic oil temperature does not reach its optimum range.

It is recommended to use the hydraulic oil according to weather condition. Refer to the table below.

Environmental conditions	SAE Viscosity grade
Ambient temperature between - 35°C (- 31°F) and + 35°C (+ 95°F)	HV 32 ARTIC
Ambient temperature between - 15°C (5°F) and + 40°C (+ 104°F)	HV 32
Ambient temperature between 0°C (+ 32°F) and + 45°C (+ 113°F)	HV 68

N.B.-:-IT IS RECOMMENDED TO REPLACE LOW TEMPERATURE OIL AS THE AMBIENT TEMPERATURE REACHES + 15°C (59°F). IT IS NOT ADVISABLE TO MIX OILS OF DIFFERENT BRANDS OR TYPES.

6.3 Preheating operation

When power is switched ON, the electric pre-heating indicator (1) (at the ground control box) and / or (51)  (on the platform control box) flashes, the motor is in automatic pre-heating. Upon the extinction of this light (just seconds) at the ground display, starting of the machine is possible.

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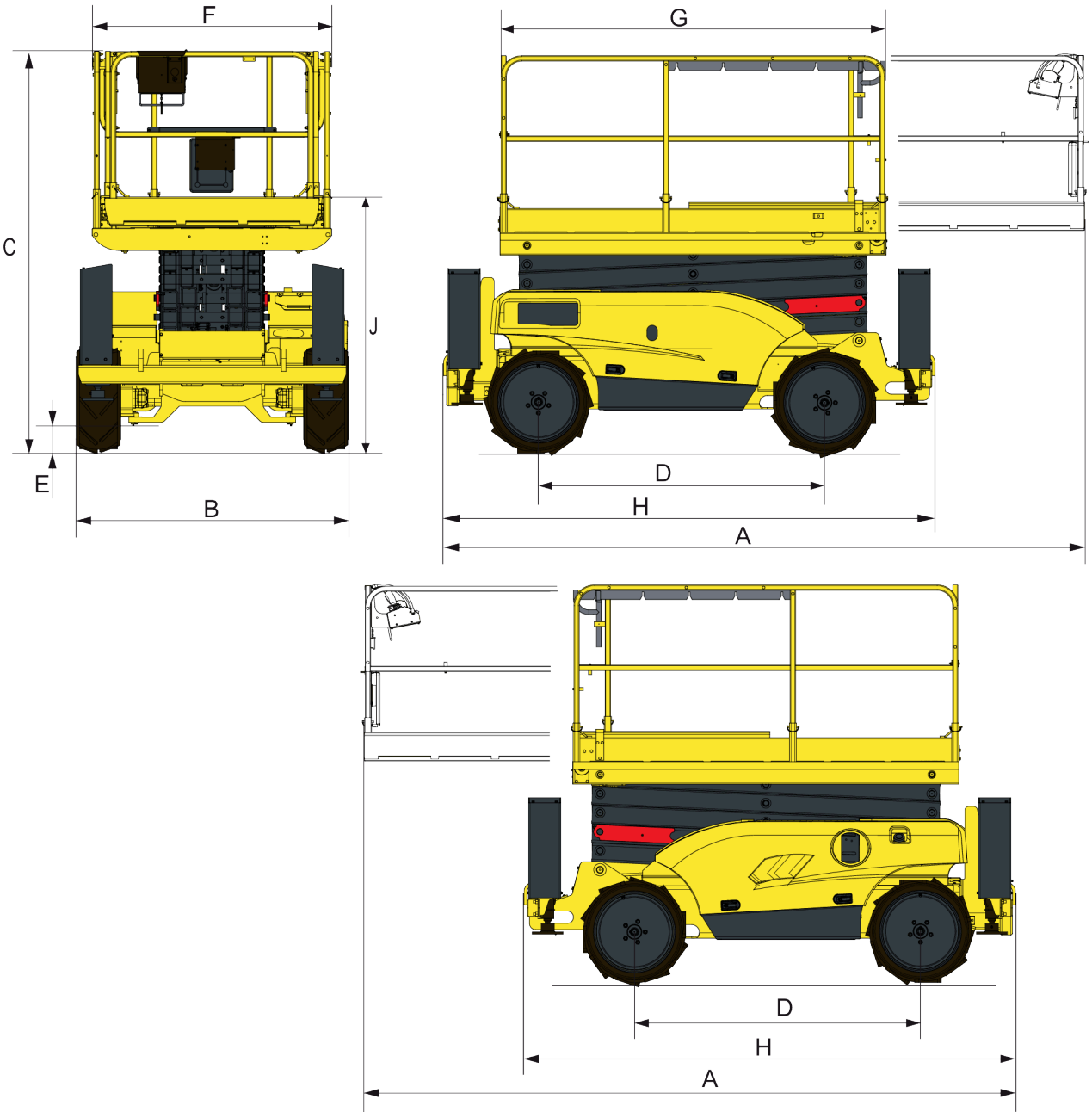
2 Major component masses..... 5
3 Acoustics and vibrations..... 6
4 Wheel/Tire assembly..... 7
4.1 Technical specifications..... 7
4.2 Inspection and maintenance..... 7

Notes

1 Machine dimensions

Stowed / Transport position: Configuration that takes the minimum floor space necessary for storage and / or delivery of the machine-Access position- COMPACT 10DX - COMPACT 2668RT - COMPACT 12DX - COMPACT 3368RT



Overall dimension specifications

Marking	COMPACT 10DX - COMPACT 2668RT		COMPACT 12DX - COMPACT 3368RT	
	Mètre	Feet inch	Mètre	Feet inch
A	3.70	12 ft 2 in	3.70	12 ft 2 in
B	1.77	5 ft 10 in	1.77	5 ft 10 in
C	2.43	8 ft 0 in	2.55	8 ft 4 in
D	1,87	6 ft 2 in	1,87	6 ft 2 in
E	0.15	0 ft 6 in	0.15	0 ft 6 in
F x G	2,49 x 1,54	8 ft 2 in x 5 ft 1 in	2.49 x 1.54	8 ft 2 in x 5 ft 1 in
H	3.18	10 ft 5 in	3.18	10 ft 5 in
J	1.57	5 ft 2 in	1.70	5 ft 7 in

2 Major component masses

N.B.-:-MASSES MEASURED WITH EMPTY TANKS.

Specifications	COMPACT 10DX	COMPACT 2668RT
	SI	Imp.
Frame assembly mass	1325 kg	2921 lbs
Engine compartment mass	245 kg	540 lbs
Platform assembly mass	450 kg	992 lbs
Mass of one wheel	67 0/+7 kg	148 0/+15 lbs
Battery mass	19 kg	42 lbs

Specifications	COMPACT 12DX	COMPACT 3368RT
	SI	Imp.
Frame assembly mass	1525 kg	3362 lbs
Engine compartment mass	245 kg	540 lbs
Platform assembly mass	450 kg	992 lbs
Counterweight mass	200 kg	441 lbs
Mass of one wheel	67 0/+7 kg	148 0/+15 lbs
Battery mass	19 kg	42 lbs

3 Acoustics and vibrations

The acoustics and vibrations specifications are based upon the following conditions:

- The airborne noise emissions at workstation are determined per European Directive 2006/42/CE.
- The guaranteed sound power level LWA (displayed on the product) is determined per European Directive 2000/14/CE.
- The vibrations transmitted by the machinery to the hand/arm system and to the whole body are determined per European Directive 2006/42/CE.

Specifications	
Sound pressure level at workstation	92 dBA
Vibrations hand/arm	Vibration transmitted by this MEWP to the hand-arm does not exceed 2,5 m/s^2(98,4 in/s^2)
Vibrations whole body	Vibration transmitted by this MEWP to the whole body does not exceed 0,5 m/s^2(19,6 in/s^2)

4 Wheel/Tire assembly

4.1 Technical specifications

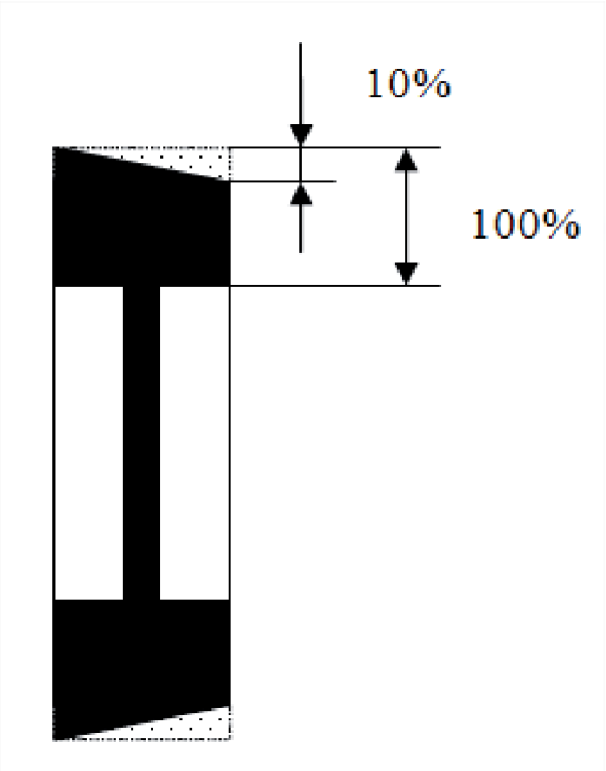
COMPACT 10DX - COMPACT 2668RT – COMPACT 12DX - COMPACT 3368RT

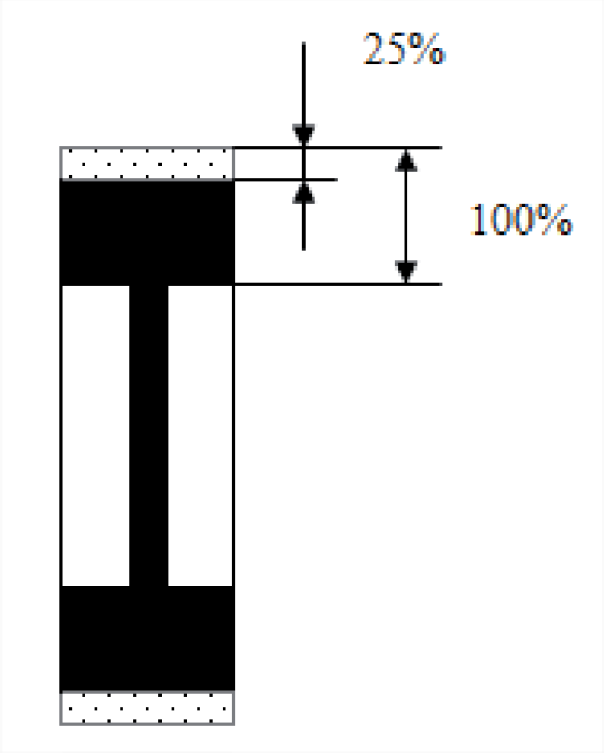
Component	Standard wheel	Variant wheels	Variant wheels
Reference number	Solideal 26x12x16,5	Exmile 26x12x16,5	Exmile 26x12x16,5
Wheel mass	67 kg +0/+7 kg (148 lb +0/+15 lb)	78 kg +/- 5 kg (172 lb +/- 11 lb)	82 kg +/- 5 kg (181 lb +/- 11 lb)
Type	Notched tires/tyres	Notched tires/tyres	Notched tires/tyres
Size (Diameter/ Width)	663 mm / 283 mm (26 in / 11 in)	652 mm / 285 mm (25.6 in / 11 in)	645 mm / 291 mm (26 in / 12 in)
Torque	300 N.m (221 lbf.ft)	300 N.m (221 lbf.ft)	300 N.m (221 lbf.ft)

4.2 Inspection and maintenance

Replace the wheels and the tires if any of the following conditions exist

- Presence of cracks, damage, deformation or other faults on the hub
- Damage to the tire:
  - Cut or hole > 3 cm (2 in) in the rubber side wall.
  - Blister or pronounced lump on the external and lateral wall.
  - Damaged wheel stud.
  - Damage or wear on the side wall to the extent that the reinforcing wire is visible.
  - Consistent wear of the ground contact surface greater than 25%





Tires and rims are critical components for the stability of the machine. For safety reasons
- Use only HAULOTTE® spare parts according to the technical characteristics of the machine. Refer to the spare parts catalog.
- Do not replace factory-installed tires with tires of different specifications or ply rating.

4.2.1 Procedure of replacement

1. Loosen the wheel nuts on the wheel to be removed.
2. Raise the machine using a jack or a hoist.
3. Remove the wheel nuts.
4. Remove the wheel.
5. Install the new wheel.
6. Tighten the wheel nuts to the recommended torque.
7. Lower the machine to the ground

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Notes

1 General

As an owner and/or operator of Haulotte equipment, your Safety is of utmost importance to HAULOTTE® , which is why HAULOTTE® places such a high priority on product safety.

INSPECTIONS are not only required by HAULOTTE®, but may also be required by industry standards and/or local regulations.

To ensure your equipment continues to achieve the level of performance set in the factory, it is important to maintain it regularly. We remind you that it is strictly forbidden to make any modifications. Regular and timely inspections will reduce equipment down time as well as prevent possible injury.

N.B.-:-DO NOT OPERATE UNLESS YOU ARE FAMILIAR AND TRAINED IN THE PRINCIPLES OF SAFE MACHINE OPERATION.

Overview:
- A walk-around inspection of the machine takes only a few minutes at the beginning and end of each shift — The best way to prevent issues.

What to Do:
- Use your senses: sight, smell, hearing and touch.

Frequency:
- Check your machine periodically during your entire workday.
- Make sure to do your inspection the same way every time.
- Complete one of these inspections at the start and end of each shift.

N.B.-:-IF DAMAGE OR UNAUTHORIZED MODIFICATIONS ARE DISCOVERED, THE MACHINE MUST BE REMOVED FROM SERVICE UNTIL REPAIRS ARE MADE BY A QUALIFIED SERVICE TECHNICIAN.

It is the owner's responsibility to ensure the required maintenance as recommended by Haulotte is completed prior to the operation of the machine.

If regular maintenance is not carried out, this may:
- Void the warranty.
- Cause machine malfunction.
- Reduce machine reliability and shorten its service life.
- Jeopardize operator safety.

HAULOTTE Services® technicians are specially trained to carry out extensive repairs, interventions or adjustments on the safety systems or elements of HAULOTTE® machines. They carry genuine HAULOTTE spare parts and tools as required, and also provide fully documented reports on all work completed.

The inspection and maintenance table, identifies the role and the responsibilities of each party in periodical machine maintenance. C 3 - Inspection and Functional test.

2 Maintenance Schedule

This section provides the necessary information needed to place the machine in safe operation. In accordance with the regulations that are currently applicable, this machine is deisgned to have a 10 year life span in normal usage conditions. The life may be extended or reduced dependent on the severity of operating conditions, the machine condition itself and by conducting effective inspections and maintenance in addition to other external factors. There are a number of factors which can affect the design life including but not limited to, severity of operating conditions/routine maintenance which should be carried out in accordance with this manual.

Severity of operating conditions may require a reduction in time between maintenance periods. Machines that have been out of service or have not been in use for more than 3 months must undergo a periodic inspection before the machine is put back into service.

Maintenance must be carried out by a competent company or person familiar with mechanical procedures.

Maintenance operations performed must be recorded in a register / log book of the machine.

3 Inspection program

3.1 General program

The machine must be inspected on a regular basis at intervals of no less than once 1 per year. The purpose of the inspection is to detect any defect which could lead to an accident during routine use of the machine. Local standards and regulations may require more frequent inspections.

HAULOTTE® requires Reinforced and Major Inspections to be carried out on the product to extend its service life.

Inspections must be carried out by a competent company or person.

The inspection results must be recorded in the safety register or machine log book controlled and overseen by the company manager. This register or machine log book and the list of competent repair persons must be made available to the government work inspector and HAULOTTE Services®.

When	Person-in-charge	Stakeholder	What
Before sale	Owner (or renter)	Competent technician or qualified technician HAULOTTE Service®	Periodic inspection
Before rent	Owner (or renter)	Competent technician or qualified technician HAULOTTE Service®	Daily inspection
Before use or every change of user	Operator	Operator	Daily inspection
Annually (1 year)	Owner (or renter)	Competent technician or qualified technician HAULOTTE Service®	Periodic inspection
5 years	Owner (or renter)	Competent technician or qualified technician HAULOTTE Service®	Reinforced inspection
10 years	Owner (or renter)	Competent technician or qualified technician HAULOTTE Service®	Major inspection

3.2 Daily inspection

The Daily inspection includes a visual inspection, operational checks and testing of the safety systems. This must be conducted by the operator before using the machine.

This inspection is the responsibility of the user. Refer to  C 3.1 - Daily inspection.

3.3 Periodic inspection

The Periodic inspection is a thorough evaluation of the operation and safety features of the machine.

It must be conducted before the sale / resale of the machine and/or at least once every year.

Local regulations may have specific requirements on frequency, and content of inspections.

The severity of operating conditions may require frequent inspections.

This inspection is the responsibility of the owner, and inspections must be carried out by a competent company or person.

This inspection is in addition to the daily inspection.

This inspection should also be conducted after:
- Extensive dismantling and reassembly of major components.
- Repairs involving the machine's essential components.
- Any accident causing stress to the machine.

3.4 Reinforced inspection

The Reinforced inspection is a thorough evaluation of the machine's structural components, to ensure proper functionality of the machine.

This evaluation must occur at a frequency of 5000 hours or every 5 years.

This inspection is the responsibility of the owner, and it must be conducted by a HAULOTTE Services® technician or by a competent company or person.

This inspection includes:
- Daily inspection
- Periodic inspection

N.B.-:-REFER TO THE MAINTENANCE MANUAL FOR DETAILS.

3.5 Major inspection

The Major inspection is a thorough evaluation of the machine's integrity and proper functioning; after a normal service life of 10 years.

This evaluation must take place after 10 years of operation and then repeated every 5 years thereafter.

The severity of operating conditions may require frequent inspections.

This inspection is the responsibility of the owner, and it must be conducted by a HAULOTTE Services® technician or by a competent company or person.

This inspection includes:
- Daily inspection
- Periodic inspection
- Reinforced inspection

N.B.-:-REFER TO THE MAINTENANCE MANUAL FOR DETAILS.

4 Repairs and adjustments

Extensive repairs, interventions or adjustments on the safety systems or components must be performed by a HAULOTTE Services® technician. Use original spare parts and components only.

N.B.-:-HAULOTTE SERVICES® TECHNICIANS ARE TRAINED PROFESSIONALS TO PERFORM EXTENSIVE REPAIRS, INTERVENTIONS AND ADJUSTMENTS ON THE SAFETY SYSTEMS OR COMPONENTS OF HAULOTTE® MACHINES. THE TECHNICIAN CARRIES GENUINE HAULOTTE® SPARE PARTS AND TOOLS AS REQUIRED, AND ALSO PROVIDES FULLY DOCUMENTED REPORTS ON ALL WORK COMPLETED.

HAULOTTE Services® will not take responsibility for any outcomes resulting from inferior services or repairs performed by other unauthorised personnel.

HAULOTTE® reminds that NO modifications SHALL be carried out without the written permission of HAULOTTE®.

Any unauthorised repairs/modifications will void HAULOTTE® warranty.

To check for safety campaigns, consult our website: www.haulotte.com

N.B.-:-WHEN DISPOSING OR SCRAPPING THIS MACHINE, PLEASE CONSIDER APPROPRIATE METHODS OF RECYCLING. ANY ITEMS THAT REQUIRE SPECIFIC DISPOSAL ARE LISTED WITH INSTRUCTIONS IN THE MAINTENANCE MANUAL.

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Notes

1 Compatibility

Before installing any options or accessories, consult HAULOTTE® to check compatibility.

2 Folding guardrails

2.1 Description

Folding guardrails system is designed to allow guardrails to be lowered to reduce the overall height of the machine.

This system facilitates moving the machine through low height doorways/passages.

2.2 Safety precautions

- Fully lower the platform to the stowed position.
- Take care to avoid trapping the hands while folding the guardrails.
- User must wear gloves.
- Keep hands clear of pinch points.
- Perform the folding of the guardrails from outside of the platform.

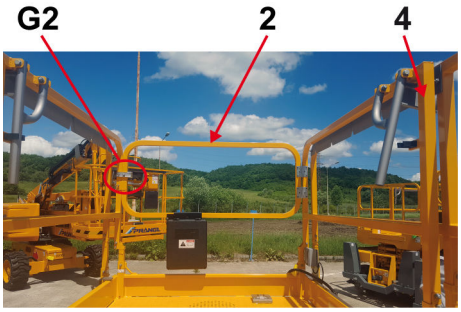
2.3 Fold down operation

- Extension deck must be fully retracted and in locked position.
- The intermediate sliding entrance bar must be at its lowest position.

Remove platform control box from its designated position and place it on platform floor

Remove the 2 pins (G2) from the platform front guardrails.

Tip the element (2) to the right until it contacts the element (4).



Unlock the handle (A).

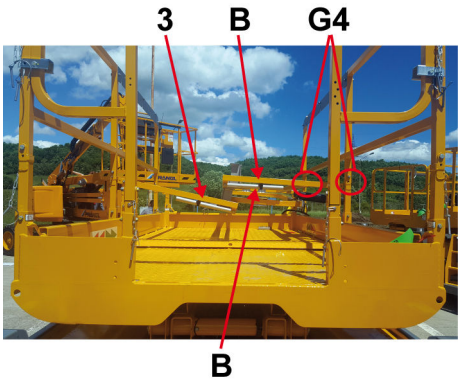
Remove pin (G3) from the right hand extension guardrail.

Lift the guardrail and slowly tip it inwards, onto the platform floor.

Unlock the handle (B).

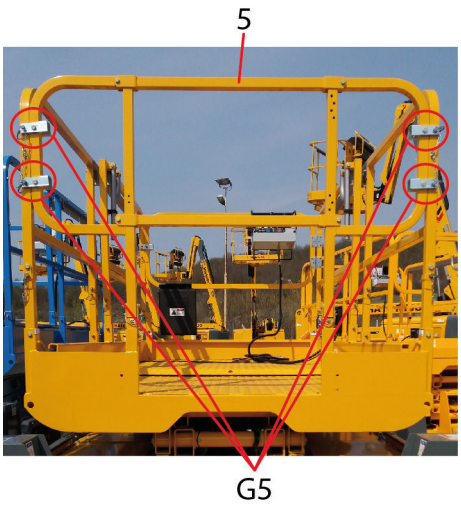
Remove pin (G4) from the left hand extension guardrail.

Lift the guardrail and slowly tip it inwards until it contacts element (3).



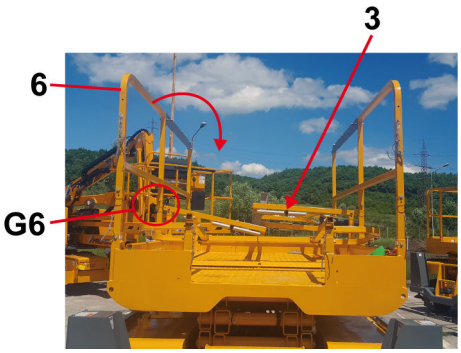
Remove the 4 pins (G5).

Slowly tip the element (5) inwards, onto the platform floor.



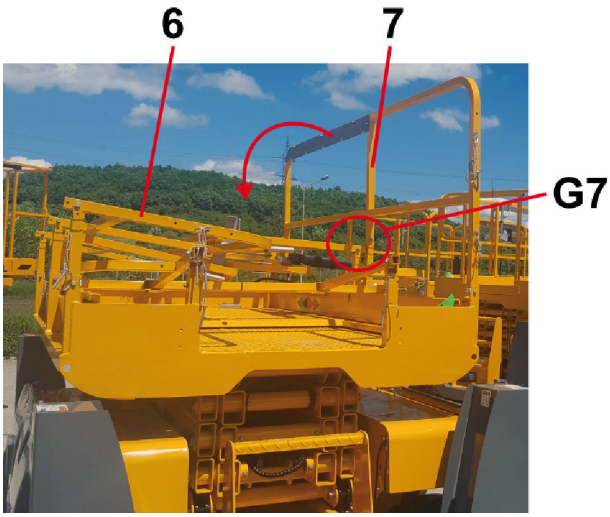
Remove the pin (G6).

Lift and tip right hand main railing inwards until it contacts the element (3).



Remove the pin (G7).

Lift and tip left hand main railing inwards until it contacts the element (6).



2.4 Raising guardrails to working position

To raise the folded guardrails to the vertical working position

- Follow the fold down operational sequence in the reverse order.
- Ensure all pins are installed and secured.

H - Other information

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Notes

1 Conditions of warranty

Our warranty conditions and extension contracts are now available on the websites of our sales network: **www.haulotte.com**

2 Subsidiary contact information

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2.1 California warning

For the US destined machines (ANSI and CSA standards)

CALIFORNIA

Proposition 65 Warning

Operating, servicing and maintaining a passenger vehicle or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle.

For more information go to www.P65Warnings.ca.gov/passenger-vehicle

CALIFORNIE

Avertissement de la Proposition 65

L'exploitation, l'entretien et la maintenance d'un véhicule de tourisme ou d'un véhicule tout-terrain peuvent vous exposer à des produits chimiques, y compris les gaz d'échappement, le monoxyde de carbone, les phthalates et le plomb, identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres effets nocifs sur la reproduction. Pour limiter toute exposition: évitez de respirer les gaz d'échappement, ne laissez pas tourner le moteur au ralenti sauf si nécessaire, faites l'entretien du véhicule dans une zone bien aérée et portez des gants ou lavez vous fréquemment les mains lors de cette opération.

Pour de plus amples informations, consulter www.P65Warnings.ca.gov/passenger-vehicle

CALIFORNIA

Advertencia de la Proposición 65

Operar, dar servicio y mantenimiento a un vehículo de pasajeros o vehículo todo terreno puede exponerle a químicos incluyendo gases del escape, monóxido de carbono, ftalatos y plomo, los cuales son conocidos por el Estado de California como causantes de cáncer y defectos de nacimiento u otros daños reproductivos. Para minimizar la exposición, evite respirar los gases del escape, no encienda el motor excepto si es necesario, dé servicio a su vehículo en un área bien ventilada y utilice guantes o lave sus manos frecuentemente cuando dé servicio a su vehículo.

Para mayor información visite www.P65Warnings.ca.gov/passenger-vehicle

For the engine powered machines destined to the US market (Standards ANSI and CSA)

CALIFORNIA

Proposition 65 Warning

Breathing diesel engine exhaust exposes you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Always start and operate the engine in a well-ventilated area.
- If in an enclosed area, vent the exhaust to the outside.
- Do not modify or tamper with the exhaust system.
- Do not idle the engine except as necessary.

For more information go to www.P65Warnings.ca.gov/diesel

CALIFORNIE

Avertissement de la Proposition 65

Respirer les gaz d'échappement de moteurs diesel peut vous exposer à des agents chimiques identifiés par l'État de Californie comme pouvant causer le cancer et des malformations congénitales ou autres effets nocifs sur la reproduction.

- Toujours démarrer et faire tourner le moteur dans une zone bien aérée.
- Si la zone est mal ventilée, évacuer les gaz d'échappement à l'extérieur.
- Ne pas modifier ou altérer le système d'échappement.
- Ne laisser le moteur tourner au ralenti que si cela est nécessaire.

Pour de plus amples informations, consulter www.P65Warnings.ca.gov/diesel

CALIFORNIA

Advertencia de la Proposición 65

Respirar los gases del escape de motores a diésel le expone a químicos conocidos por el Estado de California como causantes de cáncer y defectos de nacimiento u otros daños reproductivos.

- Siempre encienda y opere el motor en un área bien ventilada.
- Si es en un área cerrada, ventile el orificio del escape hacia el exterior.
- Ne pas modifier ou altérer le système d'échappement.
- No modifique ni altere el sistema de escape.

Para mayor información visite www.P65Warnings.ca.gov/diesel

1 Intervention register..... 3

Notes

1 Intervention register

The intervention register keeps a record of maintenance and repair work carried out inside or outside the maintenance programme.

N.B.-:-IN THE CASE OF A HAULOTTE SERVICES® INTERVENTION, THE QUALIFIED TECHNICIAN MUST INDICATE THE HAULOTTE SERVICES® INTERVENTION NUMBER.

Date	Type of intervention	Number of hours	Intervenor	Intervention number

I - Records

Date	Type of intervention	Number of hours	Intervenor	Intervention number