

For online reference and to download the manuals for your machines HAULOTTE®, go to :
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or, scan the QR Code below :



QUICK UP 8 - 9 - 11 - 12 - 14

Operator's manual

Quick Up 8 - 9 - 11 - 12 - 14

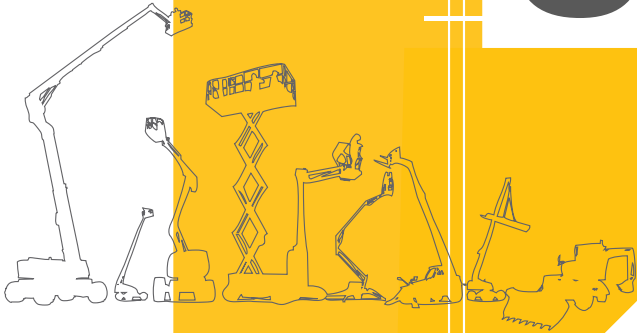


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A- Foreword

You have just purchased a QUICK UP 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 proper and safe use of this equipment, it is strongly recommended that only trained and authorized personnel operate and maintain the aerial work platform.

We would particularly like to draw your attention to 2 essential points :

- Comply with safety instructions.
- Use the equipment within the specified/published performance limits.

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 operator's manual does not replace the basic training required for equipment 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® !

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A - Foreword

1 - User responsibility

1.1 - 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.
- To replace all manuals or decals that are either missing or not legible. 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.

1.2 - EMPLOYER'S RESPONSIBILITY

The employer has the obligation :

- To authorize the operator 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, loss of motor skills, dizziness, etc.

1.3 - TRAINER'S RESPONSIBILITY

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

A- Foreword

1.4 - 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.
- To inform of any malfunctioning of the machine.

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.

Only authorized and qualified operators may operate HAULOTTE® machines.

All operators must become familiar with and fully understand the emergency controls and be able to operate the machine in 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.

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A - Foreword

2 - Safety

2.1 - SAFETY INSTRUCTIONS

2.1.1 - Misuse Hazards

- Do not use the machine for other purposes than to lift people, their tools and equipment to the desired position.
- Do not use the machine as a crane, material lift or elevator. Only use the machine as it was intended.
- Do not attach overhanging loads when raising or lowering the platform.
- Do not tie the boom or 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 attempt to move the machine while platform is loaded or raised.
- Do not operate the machine in poor lighting conditions.
- Do not operate under the influence of alcohol or drugs.
- Do not replace items critical to machine stability with items of different weight or specification.
- Do not replace factory-installed tires with tires of different specifications or ply rating.
- Do not alter or disable machine components that in any way affect safety and stability.
- Do not disable the safety devices.



A - Foreword

2.1.2 - Falling Hazards

To enter or exit from the platform :

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



Before commencing operation :

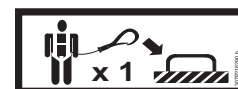
- Ensure that guard rails are correctly installed and secured.
- Ensure that gate or sliding bar is in its securely locked position.
- If using a machine that has a swing gate, check that the entry gate closes by itself and gate latches and locks.



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

When in the platform :

- This machine includes a Harness anchorage point, for use if required.
- The correct use of the harness requires the lanyard to be connected to an anchorage point designated by the decals. Refer to this decal located on the 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.



A- Foreword

2.1.3 - 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.
- Ensure that the outriggers are on firm solid ground.
- Do not exceed the maximum allowed load in platform and the rated number of persons
- 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.
- Place the loads uniformly distributed on the platform floor.
- Do not use the machine in winds.
- Do not increase the surface area of the platform exposed to wind. This includes adding panels, mesh, banners. Be aware when working with materials with a large surface area. This will add to the wind load on the machine.
- Do not raise the platform elevated on an incline greater than that permitted by the slope sensor.
- Do not operate the platform if the level indicator shows the machine is not level. This machine is designed to be elevated only when the chassis is level.
- Do not replace components critical to stability with components of different weight or specification.
- Do not use the machine with material or objects hanging from the guardrail or the mast.
- Do not exceed the maximum allowed side force defined in technical characteristics/ specifications table.
- Do not use the machine to support any external structure.



A - Foreword

2.1.4 - Electric Shock Hazards

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

Always position the lift at a safe distance from electrically charged conductors to ensure that no part of the machine is within an unsafe area.

Respect the local rules and the minimum safety distance from power lines.

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

N.B.-:-USE THIS TABLE EXCEPT WHERE LOCAL REGULATIONS INDICATE OTHERWISE.

- 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.
- 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.
- The machine must not be used while charging the batteries.

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.



A- Foreword

2.1.5 - Explosion / Fire Hazards

Always wear protective clothing and eye wear when working with batteries and power sources/systems.

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

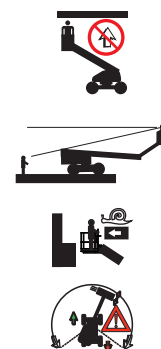
- Do not work on or operate a machine in an explosive or flammable atmosphere / environment.
- Do not touch hot components.
- Do not bridge the battery terminals with metallic objects.
- Do not service the battery in proximity of spark, open flame, lit cigarettes.



2.1.6 - Crushing / Collision Hazards

When in the platform :

- Check the work area for clearance overhead, beside and below the platform when lifting and lowering the platform.
- During movement, keep all the parts of the body inside the platform. Hold onto the guardrails on the opposite side to any surrounding structures. Take care to avoid trapping hands whilst holding the guardrails.
- Ensure there are no obstacles (structure) in the work area.



- Always cordon off the area around the base of the machine to keep personnel and other equipment away from the machine while in use.
- Warn personnel not to work, stand, or walk under a raised platform.
- Hold on securely to the guardrails.
- 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.

A - Foreword

2.1.7 - Uncontrolled movement Hazards

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).

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A- Foreword

3 - 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.

4 - 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	HAULOTTE Group - Australia, India and Asia Product Safety Department	HAULOTTE Group - North & South America Product Safety Department
Address : Rue Emile Zola - 42420 Lorette - France	Address : No.26 Changi North Way - Singapore 498812 - Singapore	Address : 3409 Chandler Creek Rd. - Virginia Beach, VA 23453 - United States
Tel : +33 (0)4 77 29 24 24	Tel : +65 6546 0123	Tel : +1 757 689 2146
Email : productsafety.europe@haulotte.com	Email : productsafety.apac@haulotte.com	Email : productsafety.americas@haulotte.com

Connect to our website : www.haulotte.com



A - Foreword

5 - Compliance

5.1 - PRODUCT MODIFICATION

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

All modifications must be submitted in writing (form) and 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.

5.1.1 - 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 place a machine on the market without completing all the Safety Campaigns.

5.2 - 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.

Certain options/accessories can modify the machine's operating characteristics and its' associated safety. If your machine was originally delivered with options fitted, replacing a safety component associated with a particular option does not require any particular precaution other than those associated with the installation itself (static test).

Otherwise, it is essential to follow the manufacturer's recommendations as stated below :

- Installation by authorised HAULOTTE® personnel only.
- Update the manufacturer's identification plate.
- Have stability tests carried out by a certified agency/competent person.
- Ensure decals are updated.

A- Foreword

5.3 - 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



5.4 - DECLARATION OF CONFORMITY



CE Declarations of Conformity only apply to machines that are certified for the European market.

B - Familiarization

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 performance 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 - 20°C / + 50°C (- 4°F / + 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.-:WHILE THE MACHINE IS NOT IN USE, CARE MUST BE TAKEN TO BRING THE MACHINE TO THE FULLY STOWED POSITION. ENSURE THAT THE MACHINE IS LOCKED IN A SECURE LOCATION, AND THE CONTROL KEY IS REMOVED TO PREVENT UNAUTHORISED USE OF THE MACHINE.

B - Familiarization

1.2 - DECAL CONTENT

Decals are provided to alert the user of hazards inherent with the 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.

Decals must be kept in good legible condition.

Familiarize yourself with the decals and their respective color codes.

Additional decals can be ordered from HAULOTTE Services®.

C E and A S standards



A N S I and C S A standards









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

B - Familiarization











1.3 - 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

1.4 - LEVEL OF SEVERITY

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

B- Familiarization

1.5 - 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
			Foot crushing hazard		High pressure fluid ejection hazard
	Body crushing hazard		Hand crushing hazard		Entanglement hazard
			Health/safety hazards related to chemicals		Health-damaging effects from hot work environment
	Electrical contact or lightning strike		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
	Risk of operator(s) falling		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
	Never expose batteries and electrical component to high pressure washer		Ensure entry drop rail is down		Overload
	Flames prohibited		Maintain safe clearance from high voltage electrically charged conductors as described in manual - Do not use in thunderstorms		Use appropriate lanyard attached to dedicated anchor point.
	Refer to operator manual		Safety belt		Use safety prop before attempting any maintenance work
	Wheel pressure		Enable switch		Lift point
	Tow point		Tie down point		
	Keep away from hot surfaces		Wear protective equipment		

B - Familiarization

2 - Models description

Regulations	Models
ANSI and CSA standards	Quick Up 8 - 9 - 11 - 12 - 14
CE, AS and EAC standards	Quick Up 8 - 9 - 11 - 12 - 14

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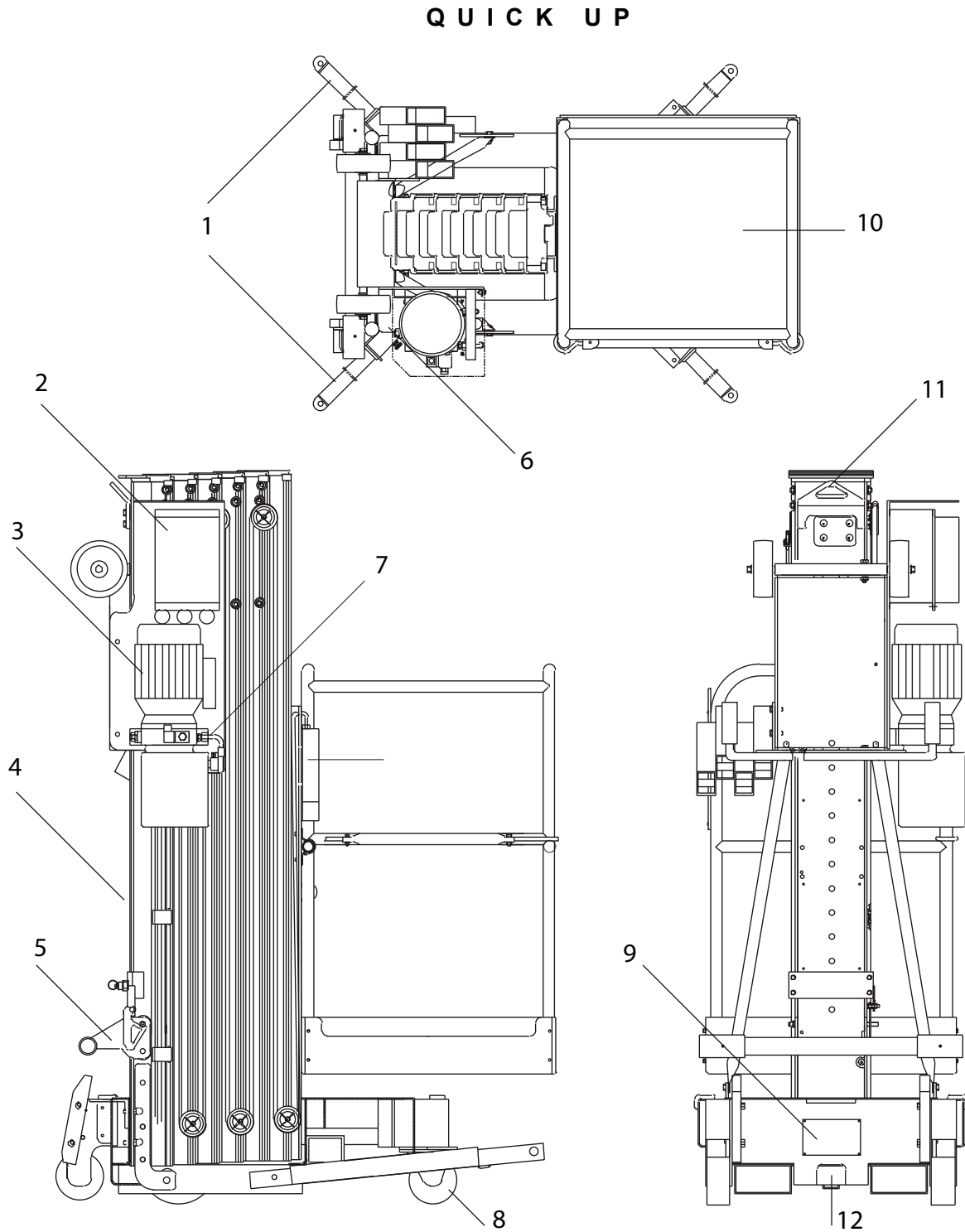
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B - Familiarization

3 - Primary machine components

3.1 - LAYOUT



B - Familiarization

Marking	Description	Marking	Description
1	Outriggers	7	Emergency Lower Valve
2	Ground control box	8	Brake wheels
3	Hydraulic system	9	Data plate
4	Tilt support (If equipped)	10	Platform
5	Loading mechanism	11	Lifting lug
6	Spirit level	12	Explosion Relief Valve

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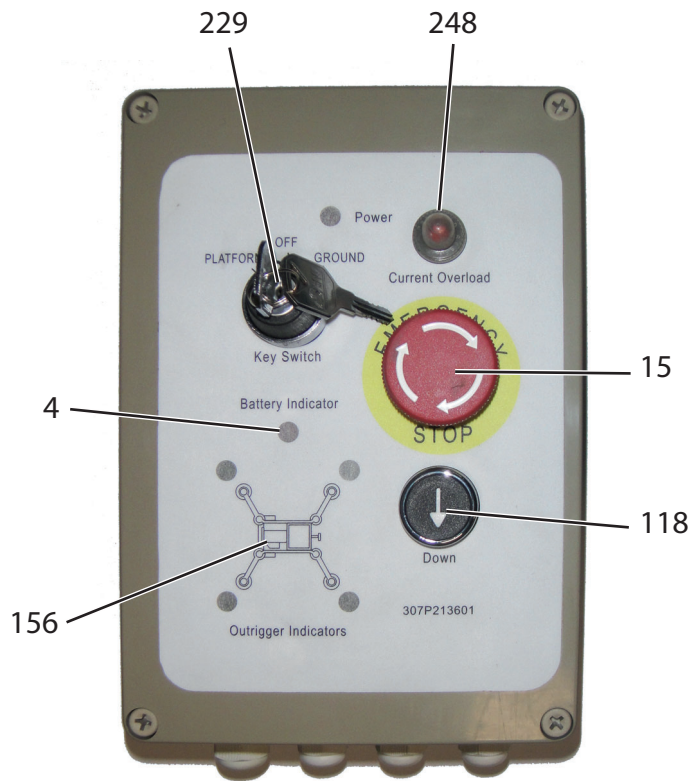
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B - Familiarization

3.2 - GROUND CONTROL BOX

3.2.1 - Layout

General view



Controls and indicators

Marking	Description	Function
4	Battery charging indicator	Low battery charge ¹
15	E-stop button	Pulled out : Controls energized Pushed in : Controls de-energized Movements stopped
118	Platform lowers	Pressed down : Platform lowers Release : Stops platform lowering
156	Manual outriggers indicator	Constantly on : Stabilizers set - Machine stabilized
229	Control box energizing selector	Left : Platform control box energized Right : Ground control box energized
248	Breaker indicator	On : Machine power supply overload

1. Perform the required maintenance (see the machine maintenance book)

B - Familiarization

3.3 - PLATFORM CONTROL BOX

3.3.1 - Layout

General view



Controls and indicators

Marking	Description	Function
46	E-stop button	Pulled out : Platform control box energized Pressed in : Platform controls de-energized Movements stopped
246	Platform raising button	Pressed down : Platform raises Release : Stops platform raising
247	Enable Switch	Press in and hold : Movement enabled Release : Movement stopped
248	Platform lowering button	Pressed down : Platform lowers Release : Stops platform lowering

B - Familiarization

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, AS and EAC standards

Machine	QU 8		QU 9	
Characteristics - Dimensions	SI	Imp.	SI	Imp.
Maximum platform height	6,1 m	20 ft	7,5 m	24 ft 7 in
Maximum working height	8,1 m	26 ft 7 in	9,57 m	31 ft 5 in
Total weight	340 kg / 382 kg	750 lb / 842 lb	360 kg / 402 kg	794 lb / 886
Stored Dimensions	1,22 x 0,8 x 1,98 m	4 ft x 32 in x 6 ft 6 in	1,28 x 0,8 x 1,98 m	4 ft x 32 in x 6 ft 6 in
Platform dimensions	0,68 x 0,66 x 1,1 m	27 in x 26 in x 3 ft 7 in	0,68 x 0,66 x 1,1 m	27 in x 26 in x 3 ft 7 in
Outriggers Foot-Print	1,55 x 1,75 m	5 ft 1 in x 5 ft 9 in	1,55 x 1,75 m	5 ft 1 in x 5 ft 9 in
Wall Access-Distance	0,12 m	5 in	0,12 m	5 in
Rated Load	159 kg	351 lb	159 kg	351 lbs
Maximum number of occupants allowed	1		1	
Lateral Force	200 N	45 lbf	200 N	45 lbf
Power Rating	1,1 / 1,6 kW		1,1 / 1,6 kW	
Voltage - AC/DC	230/ 12 V		230/ 12 V	

CE, AS and EAC standards

Machine	QU 11		QU 12	
Characteristics - Dimensions	SI	Imp.	SI	Imp.
Maximum platform height	8,8 m	28 ft 10 in	10,3 m	33 ft 10 in
Maximum working height	10,8 m	35 ft 5 in	12,3 m	40 ft 4 in
Total weight	380 kg / 422 kg	838 lb / 931 lb	415 kg / 457 kg	915 lb / 1008 lb
Stored Dimensions	1,34 x 0,8 x 1,98 m	4 ft 5 in x 32 in x 6 ft 6 in	1,40 x 0,8 x 1,98 m	4 ft 7 in x 32 in x 6 ft 6 in
Platform dimensions	0,68 x 0,66 x 1,1 m	27 in x 26 in x 3 ft 7 in	0,68 x 0,66 x 1,1 m	27 in x 26 in x 3 ft 7 in
Outriggers Foot-Print	1,55 x 1,75 m	5 ft 1 in x 5 ft 9 in	2,06 x 2,26 m	6 ft 9 in x 7 ft 5 in
Wall Access-Distance	0,12 m	5 in	0,36 m	1 ft 2 in
Rated Load	159 kg	351 lbs	136 kg	300 lb
Maximum number of occupants allowed	1		1	
Lateral Force	200 N	45 lbf	200 N	45 lbf
Power Rating	1,1 / 1,6 kW		1,1 / 1,6 kW	
Voltage - AC/DC	230/ 12 V		230/ 12 V	

B- Familiarization

CE, AS and EAC standards

Machine	QU 14	
Characteristics - Dimensions	SI	Imp.
Maximum platform height	11,7 m	38 ft 5 in
Maximum working height	13,7 m	44 ft 11 in
Total weight	455 kg / 497 kg	1003 lb / 1096 lb
Stored Dimensions	1,47 x 0,8 x 1,98 m	4 ft 10 in x 32 in x 6 ft 6 in
Platform dimensions	0,68 x 0,66 x 1,1 m	27 in x 26 in x 3 ft 7 in
Outriggers Foot-Print	2,37 x 2,70 m	7 ft 9 in x 8 ft 10 in
Wall Access-Distance	0,53 m	1 ft 9 in
Rated Load	136 kg	300 lb
Maximum number of occupants allowed	1	
Lateral Force	200 N	45 lbf
Power Rating	1,1 / 1,6 kW	
Voltage - AC/DC	230/ 12 V	

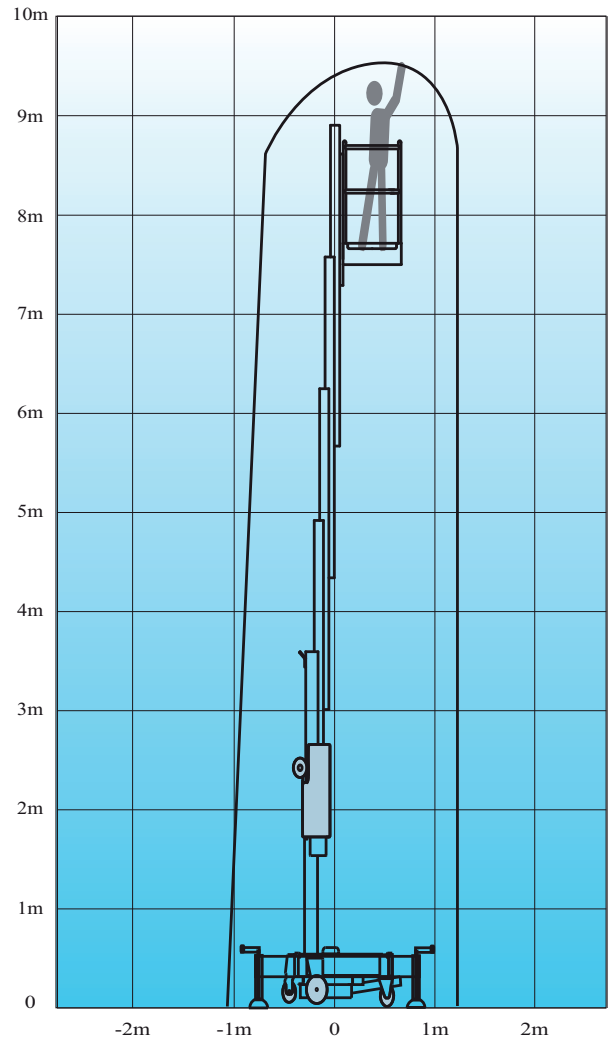
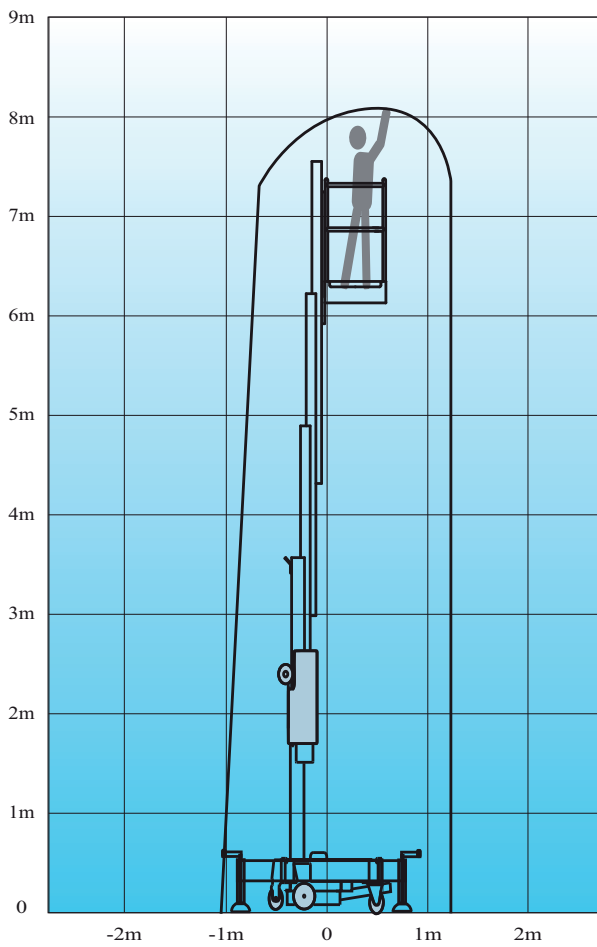
B - Familiarization

4.2 - WORKING AREA / RANGE OF MOTION

Quick Up 8 - 9

QU9

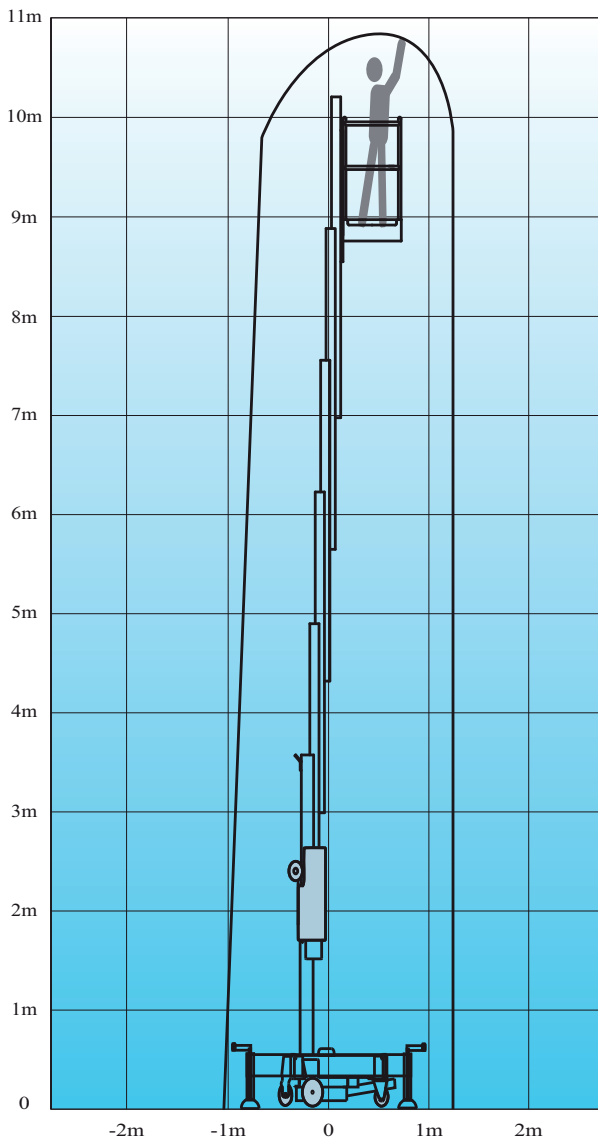
QU8



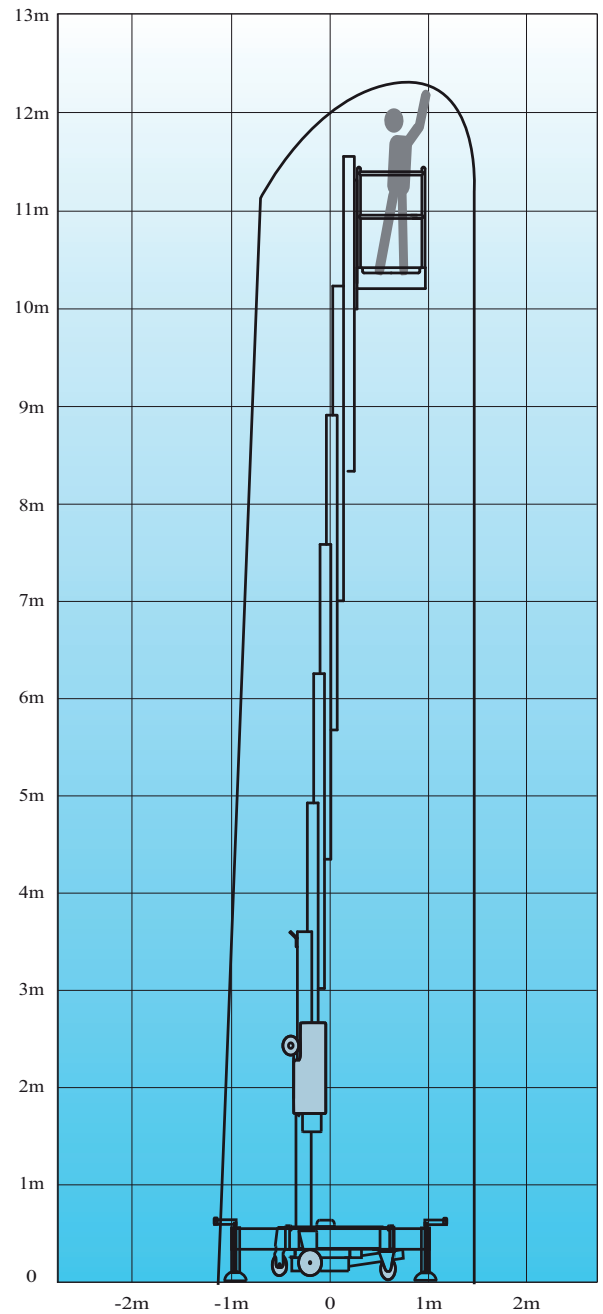
B - Familiarization

Quick Up 11 - 12

QU11



QU12



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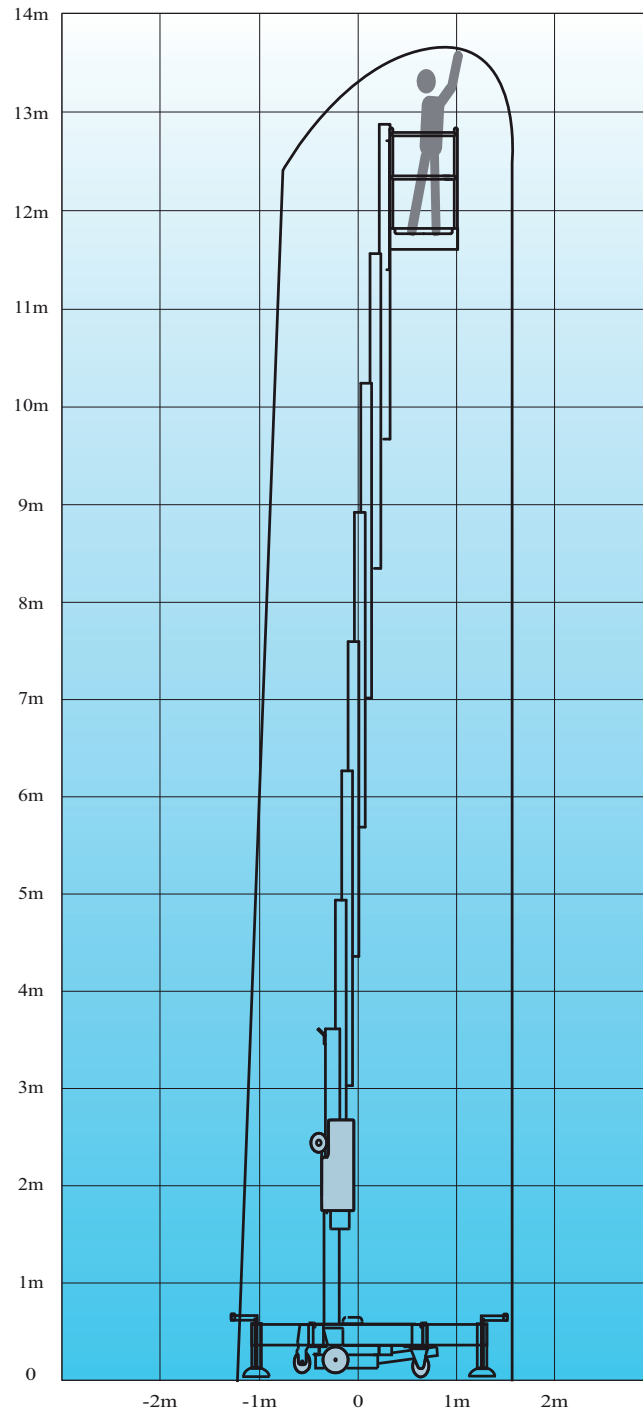
H

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B - Familiarization

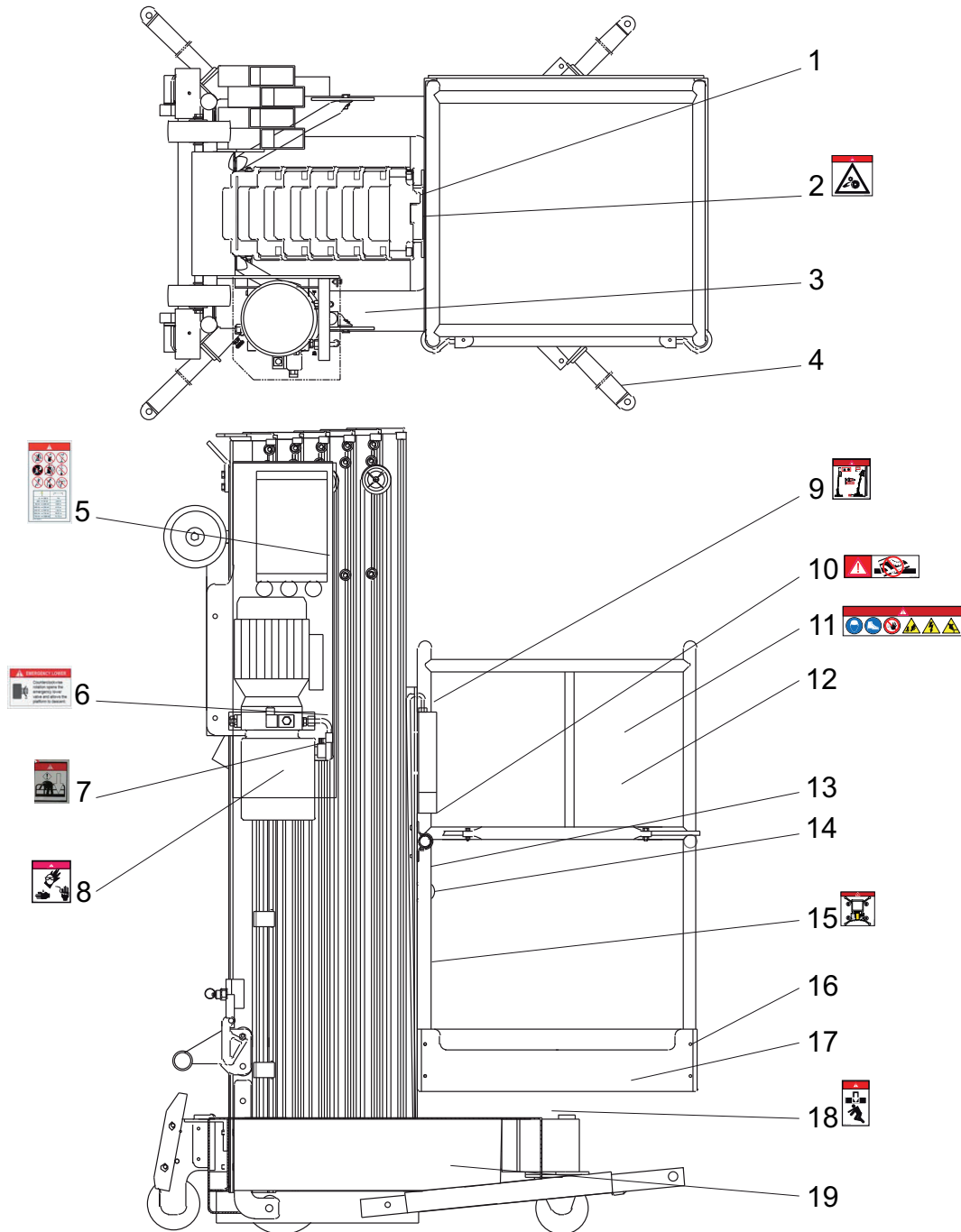
Quick Up 14

QU14

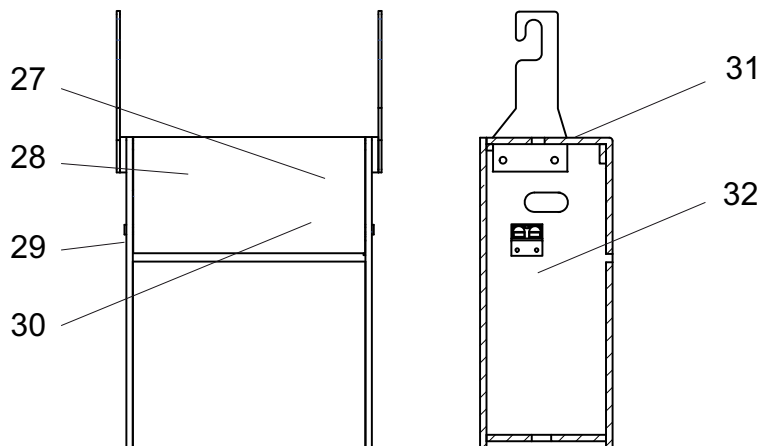
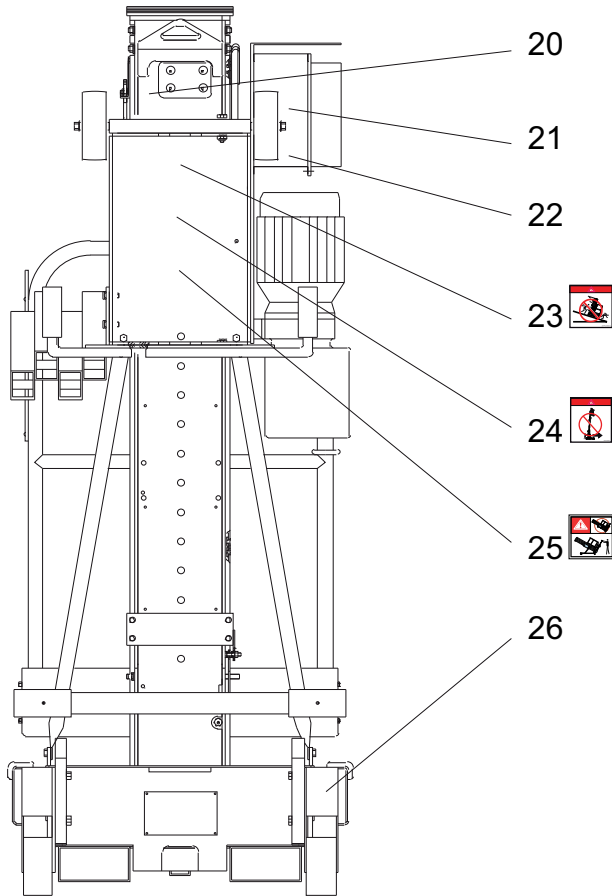


B - Familiarization

5 - Decals and markings locations



B - Familiarization



B - Familiarization

CE, AS and EAC standards

Marking	Color	Description	Quantity	QU 8	QU 9
		Decals kit	1	4000228550	
1	Orange	Chain status checks	1		
2	Red	Hand crushing hazard	1	307P218610	
3	Other	OK / NOK Tilt	1	307P218680	
4	Other	Stabiliser max load	4		
5	Red	Hazards and electrical distance	1	307P218660	
6	Red	Emergency Lower	1		
7	Red	Operator incapacitated	1		
8	Red	Risk of burns - Porter un équipement de protection	1	3078143610	
9	Red	Height of the floor and load	1		
10	Red	Do not mount	1	307P218580	
11	Red	Danger	1	307P218570	
12	Other	Read the operation manual	1	3078143680	
13	Yellow	No high-pressure washing	1		
14	Other	Lanyard attachment points	1	307P216290	
15	Red	Stabilizers lock	1	307P218690	
16	Other	Small format HAULOTTE® logo	1	307P217080	
17	Other	Yellow and black adhesive tape	2	2421808660	
18	Red	Body crushing hazard	2	307P217120	
19	Other	Commercial name	1		
20	Other	Lift point	1	307P215920	
21	Blue	Maintenance use	1		
22	Blue	Red button maintenance	1		
23	Red	Push down slope hazard	1	307P218600	
24	Red	Risk of overturning	1	307P218590	
25	Red	Tilt back support	1		
26	Other	Lock stabilisers small	7	307P218700	
27	Blue	Voltage	1		
28	Blue	Battery notice	1		
29	Orange	Battery warning	1		
30	Orange	Battery charging	1		
31	Yellow	Heavy battery	1		
32	Green	Battery cable connection	1		

B - Familiarization

CE, AS and EAC standards

Marking	Color	Description	Quantity	QU 11	QU 12	QU 14
		Decals kit	1		4000228550	
1	Orange	Chain status checks	1			
2	Red	Hand crushing hazard	1		307P218610	
3	Other	OK / NOK Tilt	1		307P218680	
4	Other	Stabiliser max load	4			
5	Red	Hazards and electrical distance	1		307P218660	
6	Red	Emergency Lower	1			
7	Red	Operator incapacitated	1			
8	Red	Risk of burns - Porter un équipement de protection	1		3078143610	
9	Red	Height of the floor and load	1			
10	Red	Do not mount	1		307P218580	
11	Red	Danger	1		307P218570	
12	Other	Read the operation manual	1		3078143680	
13	Yellow	No high-pressure washing	1			
14	Other	Lanyard attachment points	1		307P216290	
15	Red	Stabilizers lock	1		307P218690	
16	Other	Small format HAULOTTE® logo	1		307P217080	
17	Other	Yellow and black adhesive tape	2		2421808660	
18	Red	Body crushing hazard	2		307P217120	
19	Other	Commercial name	1			
20	Other	Lift point	1		307P215920	
21	Blue	Maintenance use	1			
22	Blue	Red button maintenance	1			
23	Red	Push down slope hazard	1		307P218600	
24	Red	Risk of overturning	1		307P218590	
25	Red	Tilt back support	1			
26	Other	Lock stabilisers small	7		307P218700	
27	Blue	Voltage	1			
28	Blue	Battery notice	1			
29	Orange	Battery warning	1			
30	Orange	Battery charging	1			
31	Yellow	Heavy battery	1			
32	Green	Battery cable connection	1			

C - Pre-operation inspection

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 within the work zone.

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.

C - Pre-operation inspection

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.



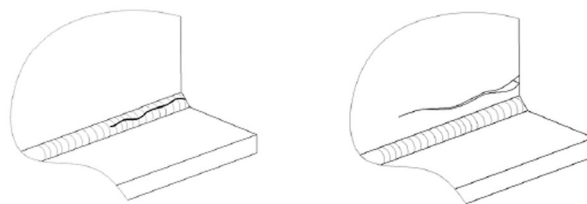
- **Never use a defective or a malfunctioning aerial work platform.**
- **If any item on the check list is marked "No" during the inspection; machine must be tagged and placed out of service.**
- **Do not operate the machine until all identified items are corrected and it has been declared safe for operation.**

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.











S a m p l e o f b r o k e n w e l d s



Inspection Forms are provided to assist your inspection process.

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.

	Visual inspection without disassembly		Lubrication-Grease		Functional adjustments
	Drain		Test and validate		Tighten
	Check levels		Systematic replacement		
	Visual inspection with small disassembly or movement needed to reach the part. Replacement if necessary.		Proof tests. Need HAULOTTE Services® authorization. For countries where machines are not subject to controlled periodic maintenance.		

C - Pre-operation inspection

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I

		Daily inspection				
	Visual inspection without disassembly		Check level			
			To check by test			
			Yes	No	Corrected	Not applicable
Manuals and displays. Clean or replace if necessary.						
Presence, cleanliness and legibility of the manufacturer's plate						
Presence, cleanliness and legibility of operator's and maintenance manuals						
Presence and cleanliness of load chart of the machine						
Control box (Ground and Platform)						
Presence and cleanliness of the control box						
No visible damage						
All decals at the control boxes are clean and legible						
Operation of start / stop device						
Operation of E-stop button device						
Operation of enable switch						
Operation of horn from platform control box						
Operation of movement from platform control box						
Test warning alarm lights and buzzer						
Overriding indicators turn off after 1 sec						
No abnormal noise and jerky movements from platform control box						
Joysticks and movement switches return to neutral						
Work Platform. Floor, guardrails, access and extensions						
Absence of cracks, broken parts, damaged paint						
No deterioration and visible damage						
Harness anchor points are not cracked or damaged, with the decal attached and legible						
No screws missing / loose parts						
Entry bar/gate closes automatically and is not prevented from closing.						
Lift assembly (jib, boom, mast, arm, turret)						

C - Pre-operation inspection

Absence of cracks, broken parts, damaged paint					
No deterioration and visible damage					
No screws missing / loose parts					
No foreign body in joints or slides					
Frame, axle, steering system, stabilizers arms ...					
Absence of cracks, broken parts, damaged paint					
No deterioration and visible damage					
No screws missing / loose parts					
No foreign body in joints or slides					
Condition of tires/tyres (wear, cutting, damage ...)					
Wheel reducer					
All compartments covers open and lock properly					
Rotation system : orientation turret, basket and jib					
Absence of cracks, broken parts, damaged paint					
No deterioration and visible damage					
No screws missing / loose parts					
No foreign body in joints or slides					
Exterior gear wheel greasing					
Pin, pin stop, bearing ...					
Presence of the turret pin and its locking device					
No bent, cracked or broken pins, pin stops, bushes or bearings					
Pulleys, chains and wire rope					
No cracked or broken chains, links and fittings					
Pulleys and clamps are not worn, rusted or damaged					
Cylinder and hydraulic component : pumps, filters, manifold					
No leaks on the pump, tank or fittings					
No deformation, visible damage, broken weld or leaks on hydraulic cylinder					
No screws missing / loose parts					
Presence and operation of hydraulic filter (no clogged)					
Check hydraulic oil level is above the minimum level					
Energy storage and motorisation: tanks, batteries and engine					

C - Pre-operation inspection

No screws missing / loose parts					
Presence and good condition of hydraulic hose					
Presence and good condition of the batteries: terminations and clamps, electrolyte level ...					
Electric cables					
No torn or split wire sheaths					
No evidence of chemical damage or corrosion on all cables					
No oxidation or corrosion on terminals					
Sensors and safety device					
Stabilizers operate correctly and lock securely in position					
Slope limiting device operates properly					
Serial number : Hours of operation : HAULOTTE Services® contract reference : Intervention record number : Date : Name :	Model : Signature :				

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C - Pre-operation inspection

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. This is not a malfunction but an indication that the machine has reached an operation limit.

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 D 2Ground control box and  Section D 3Platform control box.

4.1 - E-STOP BUTTON CHECK

Ground control box E-stop button

Step	Action
1	Pull both E-Stop buttons at ground box and at platform box.
2	The selector switch must be held in position to remain active.
3	Turn the key of the control box activation switch to the right to energize the ground control box. .
4	Push the E-stop button .
5	Check that no movement is possible.

Platform control box E-stop button

Step	Action
1	Pull both the E-Stop buttons at platform box and at ground box.
2	Turn the selector switch to the left to energize platform control box.
3	Push the E-stop button .
4	Check that no movement is possible.

C - Pre-operation inspection

4.2 - ACTIVATION OF CONTROLS

The enable switch must be activated to allow all movements.

The enable switch consists of the following :

- Hold to operate key switch on the ground control box.
- Enable switch on the platform control box.

4.3 - SLOPE INDICATOR LEVEL

A spirit level is mounted on the chassis to indicate the machine is level. Adjust the outriggers to align the bubble in the spirit level indicator. It must be centred within the black circle and all four outrigger must be deployed. There are 4 outrigger indicator lights on the ground control box, which are lit up when the outriggers are set and the machine is levelled. Do not operate until all outriggers are set and the bubble is centred within the circle.

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D - Operation instructions

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 - OPERATION FROM THE GROUND CONTROL BOX

- Turning "ON" and "OFF" of the machine is performed with selector key switch.
- The selection of active control box must be carried out by means of the selector.
- The ground control box is only used if :
 - The machine is switched on.
 - Ground control box is selected.
- An E-stop button is present at each control box, it stops all movement and the engine (if equipped). The E-stop button doesn't have function to turn off the power supply of the machine.
- A buzzer beeps in the following conditions :
 - When lowering.

1.3 - OPERATION FROM THE PLATFORM CONTROL BOX

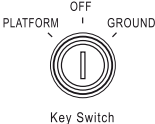
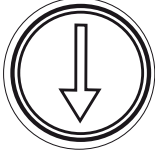
- The platform control box can only be used if :
 - The E-stop buttons on both ground and platform control boxes are not pressed in.
- An Enable /Foot Switch is present and should be activated to authorize one or more function movements. If the Enable Switch is kept active for more than 8 seconds without selecting a function movement, then movement is disallowed. The enable switch must be released (reset) before movement can occur.
- A buzzer beeps in the following conditions :
 - When lowering.

D - Operation instructions

2 - Ground control box

2.1 - CONTROLS AND INDICATORS

Ground box controls (emergency station)

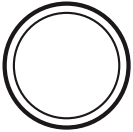

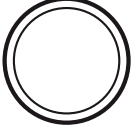
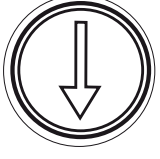

Command	Action
 <p>Key Switch</p>	<p>Turn key switch and hold to right.</p>
<p>Lowering</p>  <p>Down</p>	<p>Press the down button.</p>

D - Operation instructions

3 - Platform control box

3.1 - CONTROLS AND INDICATORS

Platform control box

Command	Action
Raising	 <p>Press the enable button.</p>
	 <p>And press the raise button.</p>
Lowering	 <p>Press the enable button.</p>
	 <p>And press the lower button.</p>
Emergency stop	<p>Down</p> <p>Press E-STOP button to stop all movements</p>
	 <p>Press and twist to release</p>

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D - Operation instructions

4 - Rescue and emergency procedures

4.1 - 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 personnel at ground level needs to obtain rapid and direct access to operating functions.

HAULOTTE® provides an emergency lowering system that should be used to safely bring the operator into such a position that appropriate medical attention could be provided.

Unlike the ground control box, the emergency lowering system allows a trapped user to be lowered to the ground even if an emergency stop is engaged or if an overload is detected.

4.2 - MANUAL LOWERING OF PLATFORM FROM GROUND CONTROL BOX

1. Twist the Emergency Stop button clockwise to release to ON position.
2. While holding the key switch to GROUND position, press the DOWN button to lower the platform.

4.3 - EMERGENCY LOWERING

1. The emergency down valve is located on the side of the ground control box.
2. To lower the platform, the dial is turned anti-clockwise.
3. The lowering speed is dependent on the number of turns of the dial.

Caution must be taken to control the speed of descent.



Make sure that no one is beneath the platform.

N.B.-:-RETURN THE DIAL TO THE CLOSED POSITION PRIOR TO RE-USING THE MACHINE.

D - Operation instructions

5 - Transportation

5.1 - TRANSPORT POSITION

To avoid any risk of machine movement 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.

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

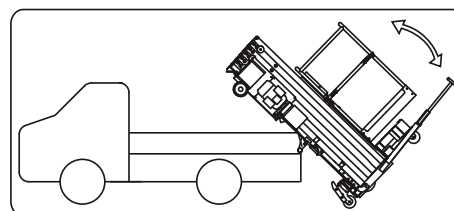
A wrong move can lead to machine tipping over and may cause serious injuries and material damage.

The machine must be completely in the stowed configuration :

- Check the platform is completely empty.
- Secure the machine to the tie down points provided (See picture).
- Lock the turntable with the rotation stop pin located under the turntable before transporting.
- The platform/basket must be chocked and the boom strapped to prevent bouncing up and down, thus preventing possible material damage during transporting.
- Do not use excessive downward force when securing boom section.

5.2 - LOADING

For distance transportation, the machine can be loaded onto a truck using the loading method as shown in the diagram.

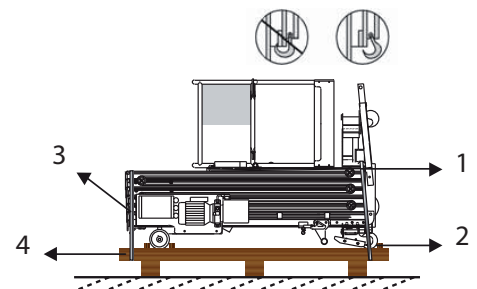


D - Operation instructions

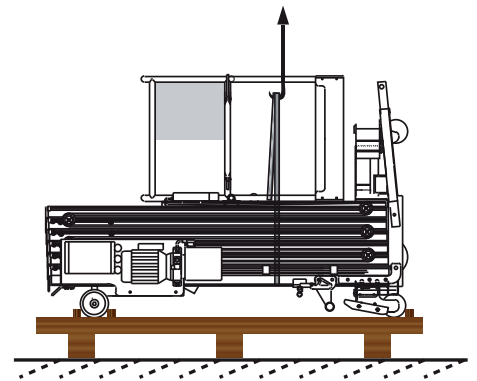
5.3 - UNLOADING ON FIRST DELIVERY

To position the machine into a vertical standing position to allow the locking hook to be disengaged from the lower mast.

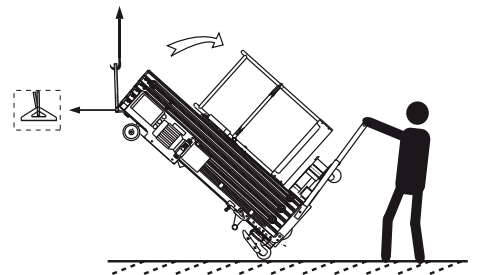
Pull out the level arm after releasing the locking pin. Ensure that the retainer pin (1) is engaged in the allocated hole. Dismantle any timber block (2) placed against the castor wheels of the machine for protection during transport.



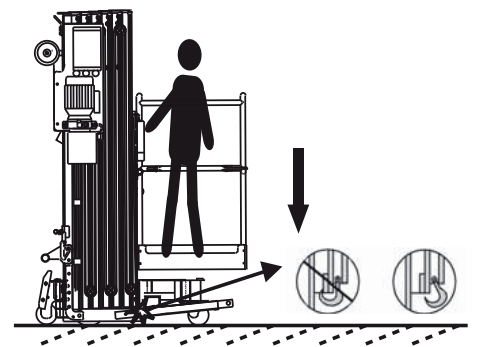
Cut the steel bands (3) which tie the machine onto the timber base (4), use a fork lift to lift the machine from its timber base (4) with a sling as shown. Adjust the sling so it is close to the centre of gravity of the machine. Gently lower the machine onto the floor with care.



With 2 people one holding the leverage arm handle downwards and the other guiding the forklift driver, gently lift the machine into its vertical standing position using the sling as shown.



With 1 person (approx. 75 kg / 165 lb) standing in the cage at its minimum position, ensure that the locking hook is disengaged from the lower mast assembly.



Extreme care should be taken on the Mast Cover, Cage, the platform and ground control box when unpacking to avoid any damages.

Unloading procedure must be strictly followed. Incorrect handling may cause serious damage and personal injury.

D - Operation instructions

Before putting the machine through a trial run, make sure that the following items are carried out :

1. The locking hook under the mast is disengaged and the machine is standing upright.
2. Check for any abnormal signs such as loose bolts on the machine or any damage during transport. Rectify as required.
3. The machine is now ready for trial run.

5.4 - QU12 OUTRIGGER POCKET

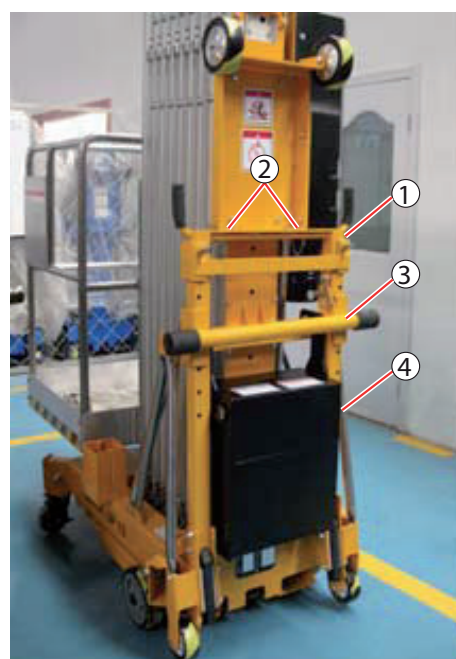
The new outrigger pocket has been designed for the stored outriggers to avoid touching the top rail of the platform cage. To store the outriggers in the pockets and maintain the overall machine stored height of 2 m / 6ft 7 in, it is necessary to wind the screwjacks down to more than the normal amount before storing in the pockets



5.5 - QU14DC BACK SUPPORT

To prepare the machine for transport using the loading device provided, follow carefully the instructions below :

1. First use the hook provided to lock the sliding bar in position. Then remove the 2 retaining pins as shown in (2) and gradually lower the loading assembly.
2. Remove the battery box (4) and place carefully on the floor. As the battery box is quite heavy (approx. 40 kg / 88 lb), recommend 2 people handle this.
3. Return the loading assembly (1) back into position and lock using the 2 retainer pins provided. The loading device is now ready for use to transport the machine.
4. Once transportation is complete, return the battery box to its position by following the above steps in reverse.



D - Operation instructions

5.6 - STORAGE

It is recommended that the machine is not stored or immobilized unfolded; to avoid jeopardizing the safety of people and property.

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


Turn the energizing key selector switch at the ground control box to the centre to shut OFF the power.



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

5.7 - LIFTING OPERATION

During loading / unloading operation, if it becomes necessary to lift the machine using an overhead crane, it is important to respect the following :

- Put the machine in stowed position, mast fully retracted and lowered.
- Ensure the platform is empty.
- Verify that lifting accessories are in good operation and match the technical specifications listed below. It is important that the lifting devices are attached only to the designated lifting eyes.
- Each of the slings used for lifting the machine must be adjusted to keep the machine level and to minimize the risk of damage to the machine.
- Anchorage point for lifting are identified / labeled by the following symbol .
- ONLY trained and authorized personnel should attempt to lift the machine.

P r o c e d u r e f o r t h e u s e o f s l i n g s



D - Operation instructions

6 - 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.

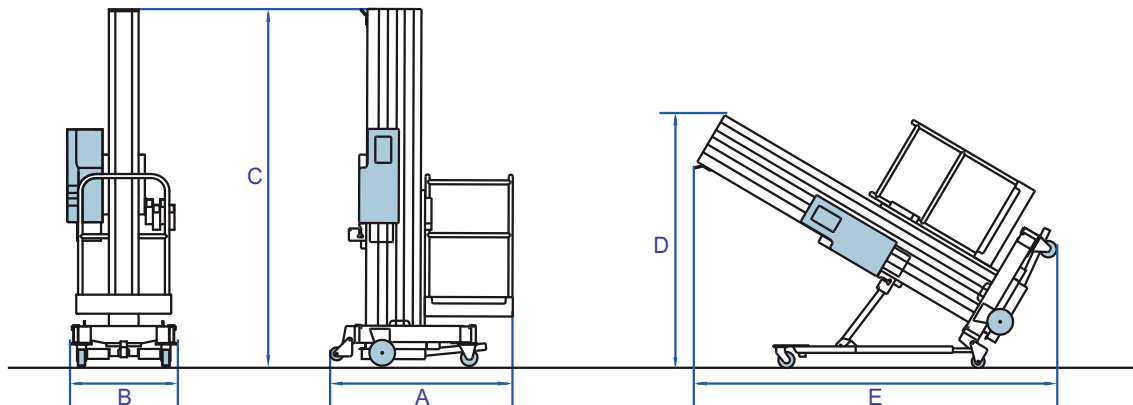
Environmental conditions	SAE Viscosity grade
Ambient temperature between - 15°C (5°F) and + 40°C (+ 104°F)	AWH - M 32
Ambient temperature between - 35°C (- 31°F) and + 35°C (+ 95°F)	AWH - M 32
Ambient temperature between 0°C (+ 32°F) and + 45°C (+ 113°F)	AWH - M 32

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.

E - General Specifications

1 - Machine dimensions

Stowed / Transport position



CE, AS and EAC standards

Machine		QU8		QU9	
Marking	Specifications - Dimensions	SI	Imp.	SI	Imp.
A x B x C	Stored Dimensions	1.22 x 0.8 x 1.78 m	4 ft x 32 in x 6 ft 6 in	1.28 x 0.8 x 1.98 m	4 ft 2 in x 32 in x 6 ft 6 in
E x D	Tilt support position	N/A		N/A	
Energy storage - Quick Up DC models					
Type of battery		12 V 110 Ah			
Battery amperage		27.5 A			
Battery voltage		12 V			
Battery capacity		110 Ah			

CE, AS and EAC standards

Machine		QU11		QU12	
Marking	Specifications - Dimensions	SI	Imp.	SI	Imp.
A x B x C	Stored Dimensions	1.34 x 0.8 x 1.98 m	4 ft 5 in x 32 in x 6 ft 6 in	1.40 x 0.8 x 1.98 m	4 ft 7 in x 32 in x 6 ft 6 in
E x D	Tilt support position	N/A		N/A	
Energy storage - Quick Up DC models					
Type of battery		12 V 110 Ah			
Battery amperage		27.5 A			
Battery voltage		12 V			
Battery capacity		110 Ah			

E - General Specifications

CE, AS and EAC standards

Machine		QU14	
Marking	Specifications - Dimensions	SI	Imp.
A x B x C	Stored Dimensions	1.47 x 0.8 x 1.98 m	4 ft 10 in x 32 in x 6 ft 6 in
E x D	Tilt support position	N/A	
Energy storage - Quick Up DC models			
Type of battery			12 V 110 Ah
Battery amperage			27.5 A
Battery voltage			12 V
Battery capacity			110 Ah

2 - Major component masses

Component	QU8	QU9
Frame assembly mass	84 kg (185 lb)	84 kg (185 lb)
Mast mass (L - 1.84 m (6 ft) -) - Quantity : 4 - 9	15 kg (33 lb)	15 kg (33 lb)
Platform assembly mass	16 kg (35 lb)	16 kg (35 lb)
Outrigger assembly mass - Quantity : 4	6,5 kg (14 lb)	6,5 kg (14 lb)
Battery mass	42 kg (93 lb)	42 kg (93 lb)

Component	QU11	QU12
Frame assembly mass	84 kg (185 lb)	85 kg (187 lb)
Mast mass (L - 1.84 m (6 ft) -) - Quantity : 4 - 9	15 kg (33 lb)	15 kg (33 lb)
Platform assembly mass	16 kg (35 lb)	16 kg (35 lb)
Outrigger assembly mass - Quantity : 4	6,5 kg (14 lb)	8.5 kg (19 lb)
Battery mass	42 kg (93 lb)	42 kg (93 lb)

Component	QU14
Frame assembly mass	95 kg (209 lb)
Mast mass (L - 1.84 m (6 ft) -) - Quantity : 4 - 9	15 kg (33 lb)
Platform assembly mass	16 kg (35 lb)
Outrigger assembly mass - Quantity : 4	9.5 kg (21 lb)
Battery mass	42 kg (93 lb)

E - General Specifications

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	Please contact the manufacturer for these values
Guaranteed sound power level	Please contact the manufacturer for these values
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)

A

B

C

D

 E

F

G

H

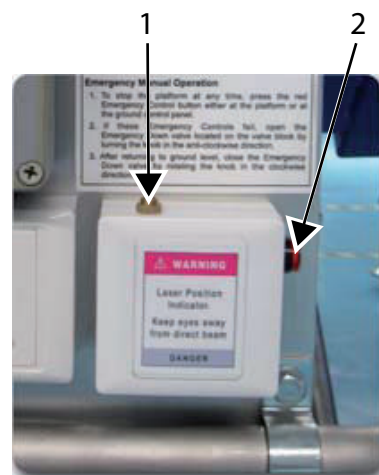
I

E - General Specifications

4 - Options

4.1 - LASER POSITION INDICATOR

1. Push the machine to the location beneath where aerial working is required.
2. Press the button (2) on the side of the laser position indicator inside the platform.
3. Check the spot (1) where the laser beam is directed to see if this is within the desired working area.
4. If the laser beam is outside the desired working area, adjust the machine position so that the laser beam shines within the working area.



NEVER LOOK INTO THE LASER BEAM, Remove cap on the outlet to check work position. Replace cap immediately after use to avoid harm to eyes.

4.2 - HOURMETER

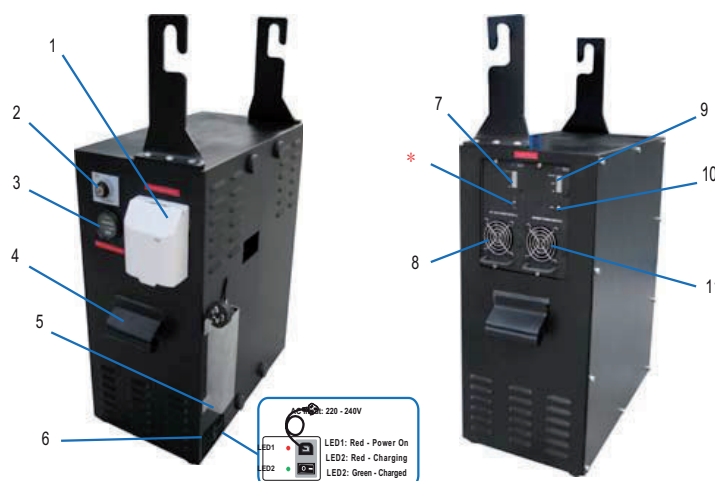
An optional hour meter can be used to record the number of hours the machine has been used. This usage record helps in determining the need for maintenance service.



E - General Specifications

4.3 - DUAL POWER SOURCE MACHINE

Dual Power Source means Direct AC source or AC source from DC battery and inverter pack.



4.3.1 - Charging procedure

When charging is required, connect power plug (1) directly to the 230 V power source. . Next connect power plug (2) to power outlet (1) to commence battery charging. After charging, disconnect power plug (2) and store power plug (1) inside trolley properly.

N.B.-:-DURING CHARGING, THE GREEN INDICATOR LIGHT IS BLINKING. IF THIS IS NOT THE CASE, THE CHARGER IS IN PROTECTIVE MODE (CHARGING IS NOT POSSIBLE). IT IS NECESSARY TO DISCONNECT POWER PLUG (1) AND (2) AND RE-CONNECT, UNTIL THE GREEN INDICATOR ON THE CHARGER STARTS BLINKING.

4.3.2 - Normal operating procedure

AC operation :

- When using the 230 AC power source, connect the power plug from the hydraulic motor on the lift directly to the 230 AC power source or wall power point. Follow the steps to commence operation.

DC operation :

- While using the portable power source (on the trolley provided), connect the AC power plug from the hydraulic motor on the lift to the output (2), from the inverter. Check that the switch on the inverter is on. Follow the steps to commence normal operation.
- After completing aerial work, switch off the inverter and disconnect power plug from the hydraulic motor. Store the portable power trolley in a cool and dry area.

F - Maintenance

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 :

- Walk-around inspections take only a few minutes at the beginning and end of each shift – one of the best ways to prevent mechanical problems and safety hazards.

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.  Section C 3 - Inspection and Functional test.

F - Maintenance

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 designed 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.

F - Maintenance

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	Responsible	Stakeholder	What
Before sale	Owner (or renter)	Competent technician or qualified technician HAULOTTE Services®	Periodic inspection
Before rent	Owner (or renter)	Competent technician or qualified technician HAULOTTE Services®	Daily inspection
Before use or every change of user	User	User	
Annually (1 year)	Owner (or renter)	Competent technician or qualified technician HAULOTTE Services®	Periodic inspection
5 years	Owner (or renter)	Qualified technician HAULOTTE Services®	Reinforced inspection
10 years	Owner (or renter)	Qualified technician HAULOTTE Services®	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  Section C 3.1 - Daily inspection.

F - Maintenance

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.

F - Maintenance

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.

G. Other information

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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G. Other information

2.1 - CALIFORNIA WARNING

**F o r t h e U S d e s t i n e d m a c h i n e s (A N S I a n d C S A
s t a n d a r d s)**

<p>CALIFORNIA</p> <p> Proposition 65 Warning</p> <p>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.</p> <p>For more information go to  www.P65Warnings.ca.gov/passenger-vehicle</p>
<p>CALIFORNIE</p> <p> Avertissement de la Proposition 65</p> <p>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.</p> <p>Pour de plus amples informations, consulter  www.P65Warnings.ca.gov/passenger-vehicle</p>
<p>CALIFORNIA</p> <p> Advertencia de la Proposición 65</p> <p>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.</p> <p>Para mayor información visite  www.P65Warnings.ca.gov/passenger-vehicle</p>

H - Intervention register

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	HAULOTTE Services® intervention number

H - Intervention register

Date	Type of intervention	Number of hours	Intervenor	HAULOTTE Services® intervention number