

**H12/15/18 SX/SXL - HS 3388/4388/5388 RT/RTXL -
COMPACT 10/12 DX - COMPACT 2668/3368 RT**



Operator's manual

ENGINE-POWERED SCISSOR LIFTS

H12SX (HS 3388RT) - H12SXL (HS 3388RTXL) -
H15SX (HS 4388RT) - H15SXL (HS 4388RTXL) -
H18SX (HS 5388RT) - H18SXL (HS 5388RTXL) -
COMPACT 10DX (COMPACT 2668RT)
COMPACT 12DX (COMPACT 3368RT)

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

1 - Operator's manual

As stated on the delivery slip, this manual is one of the documents in the on-board document holder provided upon delivery of your HAULOTTE® machine.

The operator manual is a translation of the original instructions.

Safe operation of this product can only be assured if you follow the operating instructions contained in this manual are followed.

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

- Compliance with safety instruction (machine, use, environment)
- Use of the equipment within the 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.

2 - After Sales Service

Our HAULOTTE Services® After Sales Service is at your disposal throughout your machine's service life to ensure the optimum use of your HAULOTTE product.

- When contacting our After Sales Service, ensure that you provide the machine model and serial number.
- When ordering any consumables or spare parts, please use this manual and the Haulotte Essential catalogue to receive your genuine HAULOTTE spare parts, your only guarantee of parts interchangeability and correct machine operation..
- If there is an equipment malfunction involving a HAULOTTE® product, then contact HAULOTTE Services® immediately even if the malfunction does not involve material and/or bodily damage..
- HAULOTTE® must be informed in the event of an incident that either involves one of these products or has caused bodily injury or significant deterioration of property (personal property or the product); contact HAULOTTE Services® immediately (See : HAULOTTE Services® contact details)

3 - Compliance

We would like to remind you that HAULOTTE® complies with the provisions of any applicable directives applicable to this type of machine.

HAULOTTE advises you that NO modifications carried out without the written permission of HAULOTTE® will void the HAULOTTE warranty.

HAULOTTE® cannot be held liable for any changes to the technical characteristics/specifications contained in this manual.

HAULOTTE® reserves the right to alter technical specifications and to make improvements or modifications to the machine without modifying this manual.



Certain options 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 not require any particular precautions 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 decal compliance.**

4 - HAULOTTE Services® contact details

HAULOTTE Services® contact details

	<p>HAULOTTE FRANCE PARC DES LUMIERES 601 RUE NICEPHORE NIEPCE 69800 SAINT-PRIEST TECHNICAL Department: +33 (0)820 200 089 SPARE PARTS : +33 (0)820 205 344 FAX : +33 (0)4 72 88 01 43 E-mail : haulottefrance@haulotte.com www.haulotte.fr</p>		<p>HAULOTTE ITALIA VIA LOMBARZIA 15 20098 SAN GIULIANO MILANESE (MI) TEL: +39 02 98 97 01 FAX: +39 02 9897 01 25 E-mail : haulotteitalia@haulotte.com www.haulotte.it</p>		<p>HAULOTTE INDIA Unit No. 1205, 12th floor, Bhumiraj Costarica, Plot No. 1&2, Sector 18, Palm Beach Road, Sanpada, Navi Mumbai- 400 705 Maharashtra, INDIA Tel. : +91 22 66739531 to 35 E-mail : sray@haulotte.com www.haulotte.in</p>
	<p>HAULOTTE HUBARBEITSBÜHNEN GmbH Ehrenkirchener Strasse 2 D-79427 ESCHBACH TEL : +49 (0) 7634 50 67 - 0 FAX : +49 (0) 7634 50 67 - 119 E.mail : haulotte@de.haulotte.com www.haulotte.de</p>		<p>HAULOTTE VOSTOK 35, SVOBODY STREET Bldg. 19 125362 MOSCOW RUSSIA TEL/FAX : +7 495 221 53 02 / 03 E.mail : info@haulottvostok.ru www.haulotte-international.com</p>		<p>HAULOTTE DO BRASIL AV. Tucunaré, 790 CEP: 06460-020 – TAMBORE BARUERI – SAO PAULO – BRASIL TEL : +55 11 4196 4300 FAX : +55 11 4196 4316 E.mail : haulotte@haulotte.com.br www.haulotte.com.br</p>
	<p>HAULOTTE IBERICA C/ARGENTINA Nº 13 - P.I. LA GARENA 28806 ALCALA DE HENARES MADRID TEL : +34 902 886 455 TEL SAT : +34 902 886 444 FAX : +34 911 341 844 E.mail : iberica@haulotte.com www.haulotte.es</p>		<p>HAULOTTE POLSKA Sp. Z.o.o. UL. GRANICZNA 22 05-090 RASZYN - JANKI TEL : +48 22 720 08 80 FAX : +48 22 720 35 06 E-mail : haulottepolska@haulotte.com www.haulotte.pl</p>		<p>HAULOTTE MÉXICO, Sa de Cv Calle 9 Este, Lote 18, Civic, Jiutepec, Morelos CP 62500 Cuernavaca México TEL : +52 77 7321 7923 FAX : +52 77 7516 8234 E-mail : haulotte.mexico@haulotte.com www.haulotte-international.com</p>
	<p>HAULOTTE PORTUGAL ESTRADA NACIONAL NUM. 10 KM. 140 - LETRA K 2695 - 066 BOBADELA LRS TEL : + 351 21 995 98 10 FAX : + 351 21 995 98 19 E.mail : haulotteportugal@haulotte.com www.haulotte.es</p>		<p>HAULOTTE SINGAPORE Pte Ltd. No.26 CHANGI NORTH WAY, SINGAPORE 498812 Parts and service Hotline: +65 6546 6150 FAX : +65 6536 3969 E-mail : haulotteasia@haulotte.com www.haulotte.sg</p>		<p>HAULOTTE MIDDLE EAST FZE PO BOX 293881 Dubai Airport Free Zone DUBAI United Arab Emirates TEL : +971 (0)4 299 77 35 FAX : +971 (0) 4 299 60 28 E-mail : haulottemiddle-east@haulotte.com www.haulotte-international.com</p>
	<p>HAULOTTE SCANDINAVIA AB Taljegårdsgatan 12 431 53 Mölndal SWEDEN TEL : +46 31 744 32 90 FAX : +46 31 744 32 99 E-mail : info@se.haulotte.com spares@se.haulotte.com www.haulotte.se</p>		<p>HAULOTTE TRADING (SHANGHAI) Co. Ltd. #7 WORKSHOP No 191 HUA JIN ROAD MIN HANG DISTRICT SHANGHAI 201108 CHINA TEL : +86 21 6442 6610 FAX : +86 21 6442 6619 E-mail : haulotteshanghai@haulotte.com www.haulotte.cn</p>		<p>HAULOTTE ARGENTINA Ruta Panamericana Km. 34,300 (Ramal A Escobar) 1615 Gran Bourg (Provincia de Buenos Aires) Argentina TEL.: +54 33 27 445991 FAX. +54 33 27 452191 E-mail : haulotteargentina@haulotte.com www.haulotte-international.com</p>
	<p>HAULOTTE UK Ltd STAFFORD PARK 6 TELFORD - SHROPSHIRE TF3 3AT TEL : +44 (0)1952 292753 FAX : + 44 (0)1952 292758 E.mail : salesuk@haulotte.com www.haulotte.co.uk</p>		<p>HAULOTTE GROUP / BILJAX 125 TAYLOR PARKWAY ARCHBOLD, OH 43502 – USA TEL : +1 419 445 8915 FAX : +1 419 445 0367 Toll free : +1 800 537 0540 E.mail : sales@us.haulotte.com www.haulotte-usa.com</p>		<p>HAULOTTE GROUP 1301 E PATRICK STREET FREDERICK, MD 21701 – USA TEL : +1 301 663 0852 FAX : +1 301 663 0572 Toll free : +1 800 537 0540 E.mail : sales@us.haulotte.com www.haulotte-usa.com</p>
	<p>HAULOTTE NETHERLANDS BV Koopvaardijweg 26 4906 CV OOSTERHOUT - Nederland TEL : +31 (0) 162 670 707 FAX : +31 (0) 162 670 710 E.mail info@haulotte.nl</p>		<p>HAULOTTE AUSTRALIA PTY Ltd 46 GREENS ROAD DANDENONG – VIC – 3175 TEL : 1 300 207 683 FAX : +61 (0)3 9792 1011 E.mail : sales@haulotte.com.au</p>		<p>HAULOTTE CHILE El Arroyo 840 Lampa (9380000) Santiago (RM) TEL : + 562 2 3727630 E.mail : haulotte-chile@haulotte.com www.haulotte-chile.com</p>



Notes

A - Safety precautions

1 - Recommendations

1.1 - OPERATOR'S MANUAL

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



The operator manual does not replace the basic training required for all worksite equipment operators.








HAULOTTE® has compiled this manual to assist in safe and efficient operation of the products covered by the manual.

This manual must be kept on the machine (or in the cab in its storage case. The manual must be available to all operators and must be kept in good condition. Additional copies can be ordered from HAULOTTE Services®.

1.2 - SYMBOLS USED

Symbols are used to alert the operator to safety precautions or to highlight practical information.

Legend

Symbol	Description
	Danger : Risk of injury or death
	Caution : Risk of material damage
	Prohibition relating to work safety and quality
	Reminder : No identified risk, but a reminder of the need for common sense, good practice or pre-action prerequisites
	Cross-reference to another part of the manual (see section or sheet)
	Cross-reference to another manual (see manual)
	Cross-reference to repairs (contact HAULOTTE Services®)
N.B. :	Additional technical information

A - Safety precautions

1.3 - DECAL COLORS

The potential dangers and any specific regulations are indicated around the product by decals and identification plates.



The decals must be kept in good condition. Additional decals can be ordered from HAULOTTE Services®.

Familiarize yourself with the decals and their respective color codes.

Decal color code

Decals	Color	Description
	Red	Potentially fatal danger
	Orange	Risk of serious injury
	Yellow	Risk of material damage and/or minor injury
	Other	Additional technical information
	Green	Maintenance operation or information

Decal color code-For Russia and the Ukraine only

Decals	Color	Description
	Red	Prohibitions - Danger
	Yellow	Warning : Risk of material damage and/or minor injury
	Blue	Precaution
	Blue	Information
	Other	Additional technical information

A - Safety precautions

2 - Pre-operation instructions




2.1 - GENERAL INSTRUCTIONS



- The employer has the obligation to issue a driving permit to the operator.
- The employer is obliged to inform the operator of the local regulations.



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 maximum allowable value in the technical characteristics / specifications ( Section G 1-Main characteristics). Consult the Beaufort scale ( Section A 3.2.4-Risk of uncontrolled movement and overturning).
- Close to power lines. Respect the safety distance ( Section A 3.2.3-Risk of electrocution).
- At ambient temperatures higher than 45 °C(113 °F) and lower than -15 °C(5 °F) . Consult HAULOTTE® if it is necessary to work outside this range.
- In an explosive atmosphere.
- During storms (risk of lightning).
- In the presence of strong electromagnetic fields.

N.B.:-You are advised to 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.:-Whilst the machine is not in use, care must be taken to ensure that if the machine is not locked in a secure location, that the unit key switch is removed to prevent unauthorised use of the machine.

A - Safety precautions

2.2 - SPECIFIC INSTRUCTIONS



Do not operate the product in the following situations :

- If the load in the platform exceeds the maximum load authorized. Check the maximum allowable value in the technical characteristics / specifications ( Section G 1-Main characteristics).
- If the ground slope is greater than the permissible limit. Check the maximum allowable value in the technical characteristics / specifications ( Section G 1-Main characteristics).
- In a non-ventilated area as the exhaust gases are toxic.
- At night unless the machine is equipped with the optional light.
- If the number of persons exceeds the permissible limit. Check the maximum allowable value in the technical characteristics / specifications ( Section G 1-Main characteristics).
- If the side force is greater than the permissible force. Check the maximum allowable value in the technical characteristics / specifications ( Section G 1-Main characteristics).

A - Safety precautions

3 - Operation instructions



It is preferable to operate the machine on flat, consolidated ground (tarmac, concrete, etc.).

3.1 - PROHIBITIONS



- Never use a faulty machine (hydraulic leaks, worn tires/tyres, malfunction).
- Never operate the machine controls suddenly.
- Never place the machine against a structure to hold that structure in place.
- Never use the machine to tow other machines or to drag materials.
- Never expose the batteries or electrical components to water (pressure cleaner, rain).
- Never disable the safety devices.
- Do not make contact with a fixed or mobile obstacle. The contact can cause premature deterioration of the structure and lead to the corruption of certain safety elements.
- Do not climb onto the covers.
- Never use the machine with only an operator in the platform. A second person competent in the operation of emergency retrieval, should be present on the ground in case of an emergency.
- Never use the machine when the platform is cluttered.
- Never increase the surface area of the platform by using floor extensions or accessories not authorized by HAULOTTE®.
- Never leave the hydraulic cylinders fully extended or retracted before switching off the machine, or when stationary for an extended period of time.



- Never use the machine with material or objects suspended from the guard-rail.
- Never use the machine with elements that can increase the wind force (panels).
- Never increase the working height by using attachments (ladder).
- Never use the guardrail as a means of access for climbing in or out of the platform. The basket can be easily accessed in its low position. For machines fitted with : Steps have been provided for this purpose where required.
- Never climb on the guardrail.
- Do not use the machine if the guard rails are not correctly installed and locked.
- Never use the machine without fitting the sliding (or rotating) middle rail, closing the safety gate or the swing gates beforehand.
- Never use the machine as a crane, material lift or elevator.
- Never use the machine for any other purpose than to transport people, their tools and material to the desired place.
- Never drive fast in narrow or cluttered areas. Keep speed under control in bends.
- Never tow the machine over extended distances (it must be transported on a trailer).

A - Safety precautions

3.2 - POTENTIAL RISKS

3.2.1 - Risk of command system disturbance

Risk of disrupted movement. Maintain clearance from high voltage lines or magnetic fields.

3.2.2 - Risk of falling

When in the platform, respect the following instructions :

- Carry individual protection equipment adapted to the work conditions and local rules.
- Avoid contact with fixed or mobile obstacles (other machines).
- Ensure that the adjustable midrail is closed (low position and against the guardrails).
- Ensure that the gate is closed and locked (For machines fitted with).
- Hold on securely to the guardrails during elevation and driving.
- Do not sit, stand, or climb on the platform guard rails.
- Ensure that guard rails are correctly installed and locked.
- Always keep your feet firmly on the floor of the platform.
- Remove any trace of oil or grease from the steps, floor, handrail and the guardrails.
- Keep the floor of the platform free of debris.
- Do not leave the platform until it is fully in its stowed position.
- Do not climb on to the platform if the machine is not in the stowed position.



To climb up or climb down from the platform :

- The machine must be completely stowed.
- Face the machine to access the entry opening to the platform
- Keep 3 support points between the steps and the guardrail



A - Safety precautions

3.2.3 - Risk of electrocution

The machine is not electrically insulated and does not offer any insulation protection.



The risks of electrocution are high in the following situations :

- Close to live power lines, consider the movement of the machine and the sway of the electric power lines particularly in windy conditions.
- In the event that you were to make accidental contact with a high voltage line, wait for the power to the line to be switched off before operating the machine.
- During storms.

Never use the machine as a welding earth.

Maintain a minimum safe distance with regard to power lines and electrical devices.

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.:- This table is applicable, except when the local regulations are more strict.

A - Safety precautions

3.2.4 - Risk of uncontrolled movement and overturning


When in the platform, respect the following instructions :



- Before operating the machine on any indoor or outdoor surface (premises, bridge, truck, etc.), check that the surface is capable of supporting the combined machine weight and platform capacity. Check the maximum allowable value in the technical characteristics / specifications ( Section G 1-Main characteristics).
- Remain vigilant of driving direction reversal at the platform. Check the driving direction with the help of the red or green arrow on the chassis relative to the red and green arrows on the platform control box.
- Always ensure that the chassis is never driven any closer than 1 m(3 ft3 in) to holes, bumps, slopes, obstructions, debris and ground coverings that may hide holes and other dangers.
- During motion direction reversal from the platform or ground control box, the joysticks or switches must be in neutral position before reversing the direction of motion.
- Taking note of the overall load dimensions and weight, place the loads in the centre of the platform or distribute them in a uniform manner.
- If the tilt alarm sounds when the platform is raised, lower platform completely, then reposition machine onto level ground before raising platform.
-  **Do not drive the machine on slopes or tilts beyond the design limits. Check the maximum allowable value in the technical characteristics / specifications( Section G 1-Main characteristics).**
- **Do not travel down slopes in high speed.**
- **Do not use the machine (elevation and travel) on an incline greater than that permitted by the slope sensor.**
- **Do not drive in reverse (direction opposite the field of vision).**
- **Never use the machine in winds exceeding the permissible limit.**
- **Do not increase the surface area exposed to wind. The greater the surface area exposed, the more unstable the machine becomes.**



For COMPACT 10DX (COMPACT 2668RT) - COMPACT 12DX (COMPACT 3368RT) :

- **Make sure manual brake system is closed (tap is completely screwed in).**
- **Do not operate machine if brakes are released.**
-  **Section F 2.1 Manual brake release**

A - Safety precautions

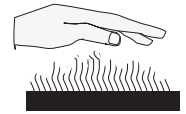
N.B.: - The Beaufort scale measures the wind force with a graduation system. A wind speed range at 10 m (32 ft 9 in) above flat, clear land is associated with each degree.

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	Strong cool wind	Whole trees in motion. Inconvenience felt when walking against wind.	13,9 - 17,1	50 - 61	31 - 37,9
8	Squall	Some branches break. Generally we cannot walk against the wind.	17,2 - 20,7	62 - 74	38,53 - 45,98
9	Strong squall	The wind causes slight damage to buildings. Tiles and chimney stacks are blown off.	20,8 - 24,4	75 - 88	46,60 - 54,68

A - Safety precautions

3.2.5 - Risk of burns and explosion



For any intervention on the power sources, wear glasses and protective clothes (acid spray).

N.B.:-:Acid is neutralized with sodium bicarbonate and water.



- Do not work in an explosive or flammable atmosphere (spark, flame, etc.).
- Do not touch the hot parts of the hydraulic power source (engine, filters, etc.).
- Do not bridge the battery terminals with metallic objects.
- Do not service the battery in proximity of spark, open flame, lit cigarettes.



- Do not fill up the fuel tank, when the engine is running and/or near a flame.

A - Safety precautions

3.2.6 - Risk of crushing and collision

When in the platform, respect the following instructions :

- During operation, keep all the parts of the body inside the platform.
- Keep hands and limbs well away from the scissor arms.
- Adjust the movement speed to the ground conditions (traffic, slope, etc.).
- Respect stopping distances after the controls are released :
 - 3 m(9 ft10 in) at high speed.
 - 1 m(3 ft3 in) at low speed.
- Ensure there are no obstacles (structure) in the work area.
- Always obtain assistance from a guide on the ground when manoeuvring.
- All the personnel in the platform or on the within the vicinity of the machine must wear Personal Protection Equipment (safety helmet, etc.).
- When moving the machine, ensure that the machine operating areas is free of persons and obstacles.



Do not operate other machines (crane, aerial work platform, etc.) in the work area.

Take account of the distance, reduced visibility and blind spots during use of the machine.



A

B

C

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E

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H

I

A - Safety precautions



Notes

B - Intervenor's responsibility

1 - Owner's (or hirer's) responsibility

The owner (or hirer) has the obligation to inform operators of the instructions contained in the Operator Manual.

The owner (or hirer) has the obligation to renew all manuals or decals that are either missing or in bad condition. Additional copies can be ordered from HAULOTTE Services®.

The owner (or hirer) is responsible for applying the local regulations regarding operation of the machine.

2 - Employer's responsibility

The employer has the obligation to issue a driving permit to the operator.

***N.B.**:-In accordance with the regulation of the country where the machine is operating, the user must be authorized by the doctor of Labour Ministry to operate the machine.*



Forbid anyone from operating the machine who is :

- Under the influence of drugs, alcohol, etc..
- Subject to fits, loss of motor skills, dizziness, etc..

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.

4 - Operator's responsibility

The operator must read and understand the contents of this manual and the decals affixed on the machine.

The operator must inform the owner (or hirer) if the manual or any decals are missing or in poor condition, and of any malfunction of the machine.

The operator may only operate 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 how to operate the machine in an emergency as a component of their formal operator training.

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

B - Intervenor's responsibility

5 - Inspection and maintenance

The inspection and maintenance table below, identifies the role and the responsibilities of each party in periodical machine maintenance..



If the machine is operated in a hostile environment or intensively, increase the frequency of maintenance.

Inspections and maintenance

Type of intervention	Frequency	Person-in-charge	Intervenor	Reference document
Pre-delivery inspection	Before each delivery of sold, hired or resold equipment	Owner (or hirer)	Qualified HAULOTTE Services® technician	Operator's manual
Pre-operation inspection	Before operation or when the operator changes	Operator	Operator	Operator's manual
Periodical preventive maintenance	At the specified intervals (250 hours or 1 year)	Owner (or hirer)	On-site technician or qualified HAULOTTE Services® technician	Maintenance book
Periodical visit	2 times a year or at the latest 6 months after the last periodic visit, and according to the local regulations	Owner (or hirer)	Organization or technician approved by the employer or by the intermediary of HAULOTTE Services® in accordance with the HAULOTTE Services® contract	Maintenance book

C - Machine layout

1 - Identification

The manufacturers identification plate fixed on the chassis bears all pertinent information to identify the machine (Please see machine configuration).



For any request for information, intervention or spare parts, specify the type and serial number of the machine.

> C

D

E

F

G

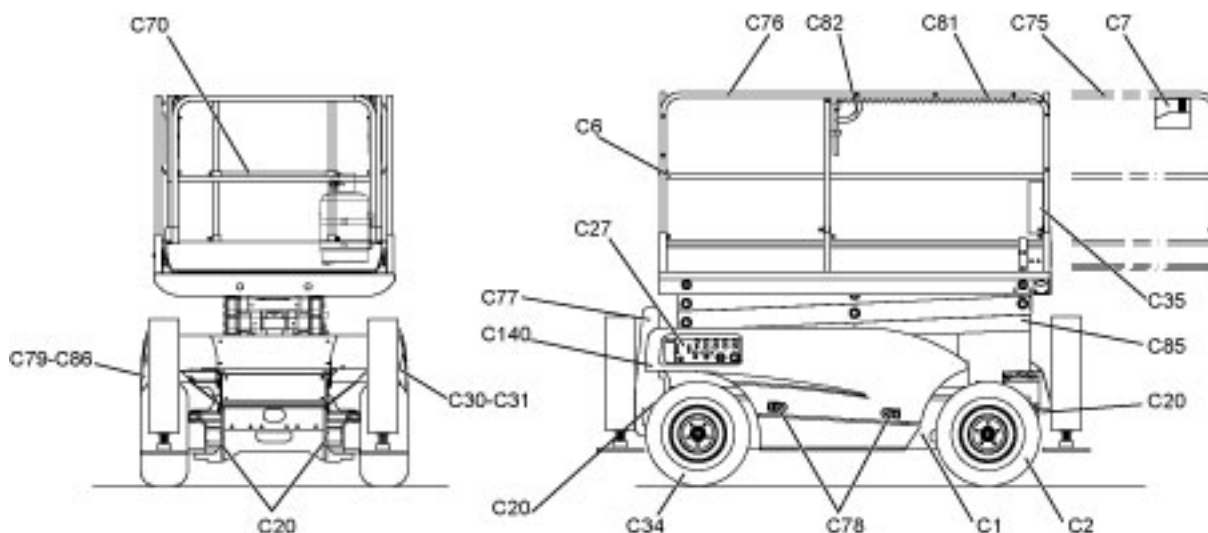
H

I

C - Machine layout

2 - Main components

COMPACT 10DX (COMPACT 2668RT) - COMPACT 12DX (COMPACT 3368RT) - Major Component Location Diagram

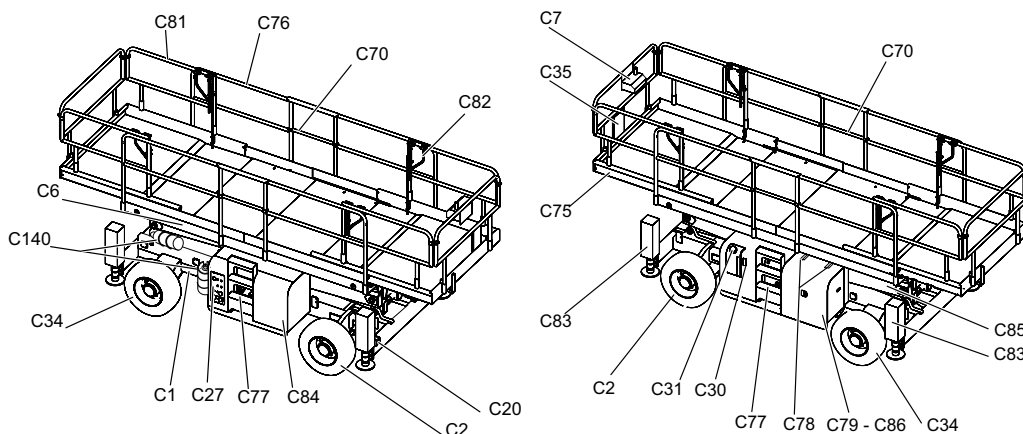


COMPACT 10DX (COMPACT 2668RT) - COMPACT 12DX (COMPACT 3368RT) - Description of the components

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

C - Machine layout

H12SX (HS3388RT) -H15SX (HS4388RT) -H18SX (HS5388RT) -H12SXL (HS3388RTL) -H15SXL (HS4388RTL) -H18SXL (HS5388RTL) - Major Component Location Diagram



H12SX (HS3388RT) -H15SX (HS4388RT) -H18SX (HS5388RT) -H12SXL (HS3388RTL) -H15SXL (HS4388RTL) -H18SXL (HS5388RTL) - Description of the components

Marking	Description
C1	Chassis
C2	Front driven steering axle
C6	Platform
C7	Platform control box
C20	Anchorage point
C27	Ground control box
C30	Hydraulic oil tank
C31	Fuel tank
C34	Drive wheels
C35	Document holder
C70	Platform access bar
C75	Extension
C76	Guardrail
C77	Platform access ladder
C78	Hood locking catch
C79	Engine bay
C81	Sliding guardrail
C81	Deck extension handle
C83	Stabiliser
C84	Hydraulic circuit
C85	Scissors
C86	Internal combustion engine
C140	Propane bottles ⁽¹⁾

(1.) For US only

C - Machine layout

3 - Safety devices

3.1 - SLIDING (OR SWINGING) INTERMEDIATE GUARDRAIL



The illustrations in this paragraph do not necessarily correspond to the range of products designated in the manual.

The platform is comprised of guardrails and a sliding mid-rail facilitating platform access.



Do not restrain the sliding midrail to the guard rail.



C - Machine layout

3.2 - ANCHORAGE POINT (PLEASE SEE MACHINE CONFIGURATION)

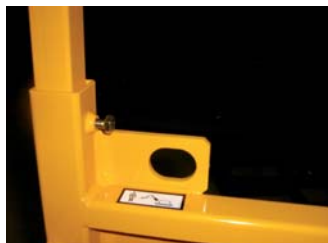


The illustrations in this paragraph do not necessarily correspond to the range of products designated in the manual.

The machine is equipped with harness anchorage points which accept a single harness per anchorage point. The anchorage points are identified by the presence of the Anchorage point decal.



If the local regulation imposes the wearing of a harness, use the approved anchorage points.



C - Machine layout

3.3 - MAINTENANCE SUPPORT



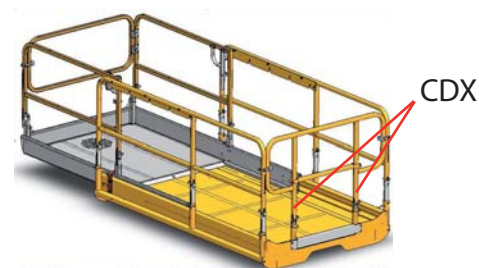
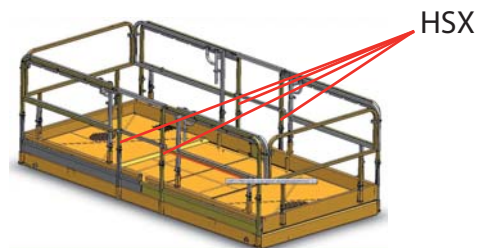
The illustrations in this paragraph do not necessarily correspond to the range of products designated in the manual.

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



3.4 - FOLDING GUARDRAILS - OPTION

Before using the machine, make sure that all the guardrails are fixed in the correct positions.



C - Machine layout

4 - Decals

4.1 - CLASSIFICATION PLAN

4.1.1 - Red decals



The red decals indicate a potentially fatal danger.

Common decals

<p>R3</p> <p>7814 901</p>	<p>R5</p> <p>7814 381</p>	<p>R6</p> <p>Composant spécifique à cette machine. NE PAS INTERCHANGER.</p> <p>Component specific to this machine. DO NOT INTERCHANGE.</p> <p>Komponenten nur für diese Maschine geeignet. BITTE AUF EINE ANDERE MASCHINE NICHT MONTIEREN.</p> <p>N° MACHINE - MASCHINE N°</p> <p>7814 518</p>	<p>R7</p> <p>7814 380</p>
<p>R2</p> <p>7814 510</p>	<p>R13</p> <p>7814 467</p>	<p>R26 - HSX(L)</p> <p>Avant utilisation de la nacelle.</p> <p>L'utilisateur doit reconnaître la surface sur laquelle la nacelle va rouler. Ne pas relever la plateforme ni rouler avec la plateforme relevée sur des surfaces inclinées, irrégulières ou meubles.</p> <p>before use of the nacelle.</p> <p>The user must recognize the surface on which the nacelle will roll. Not to raise the platform nor to roll with the platform raised on inclined, irregular or movable surfaces.</p> <p>Prima dell'utilizzo della macchina.</p> <p>L'utilizzatore deve anticipatamente prendere conoscenza di e terreno su cui la macchina deve operare. Non sollevare la piattaforma o trascinare su terreno inclinato, scosso o non compatto.</p> <p>Vor dem Einsatz der Maschine.</p> <p>Der Benutzer muss dem Untergrund kontrollieren auf dem die Maschine fahren soll. Auf schrägem, unebenem oder zu weichem Untergrund darf weder die Plattform ausgefahren werden noch die Maschine in ausgefahrenem Zustand gefahren werden.</p> <p>Antes del uso de la barquilla.</p> <p>El usuario debe reconocer la superficie sobre la cual la barquilla va a circular. No levantar la plataforma, ni circular con la plataforma levantada sobre superficies inclinadas, irregulares o muebles.</p> <p>3079222890 a</p>	<p>R4</p> <p>7814 363</p>

Specific decals COMPACT 10DX (COMPACT 2668RT)

<p>R1</p> <p>150 Kg = (70 Kg + 1) 565 Kg = (325 Kg + 3) 400 N (40 Kg)</p> <p>12,5 m/s (45 Km/h)</p> <p>8 m 3°</p> <p>7814 030</p>	<p>R8</p> <p>921611</p>	<p>R9</p> <p>Fmax = 2760 daN Pmax = 8,42 daN/cm²</p> <p>4000012870 a</p>	<p>R10</p> <p>Fmax = 1470 daN Pmax = 4,6 daN/cm²</p> <p>7815 328 a</p>
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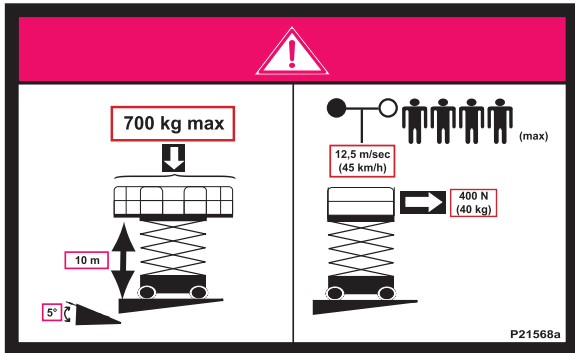
Specific decals COMPACT 12DX (COMPACT 3368RT)

<p>R1</p> <p>150 Kg = (70 Kg + 1) 450 Kg = (210 Kg + 3) 400 N (40 Kg)</p> <p>12,5 m/s (45 Km/h)</p> <p>10 m 3°</p> <p>7814 031</p>	<p>R8</p> <p>921611</p>	<p>R9</p> <p>Fmax = 3030 daN Pmax = 6,1 daN/cm²</p> <p>4000012880 a</p>	<p>R10</p> <p>Fmax = 1470 daN Pmax = 4,7 daN/cm²</p> <p>7815 329 a</p>
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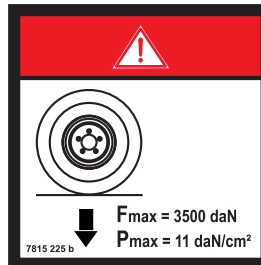
C - Machine layout

Specific decals H12SX (HS3388RT)

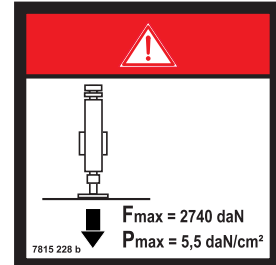
R1



R9

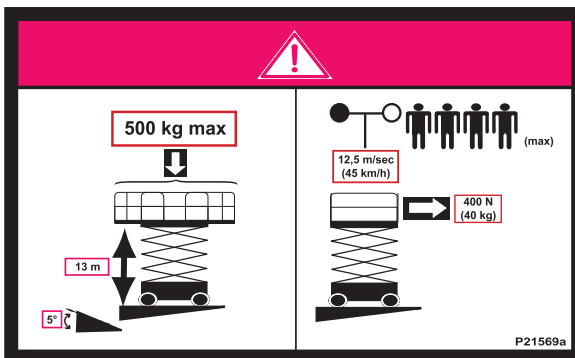


R10

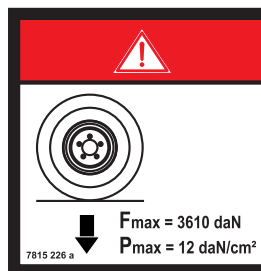


Specific decals H15SX (HS4388RT)

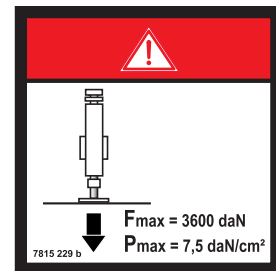
R1



R9

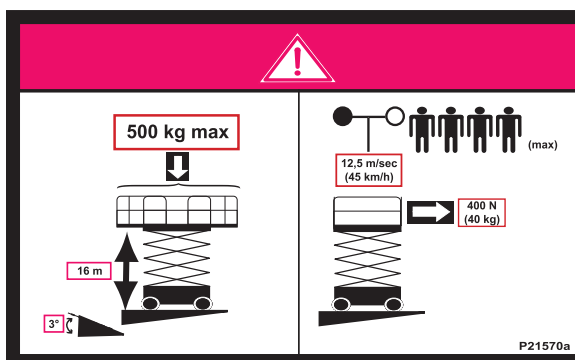


R10

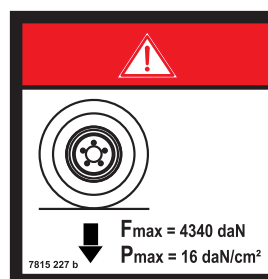


Specific decals H18SX (HS5388RT)

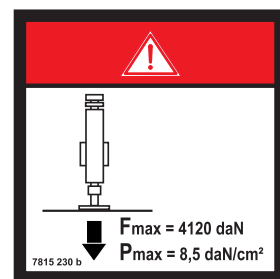
R1



R9



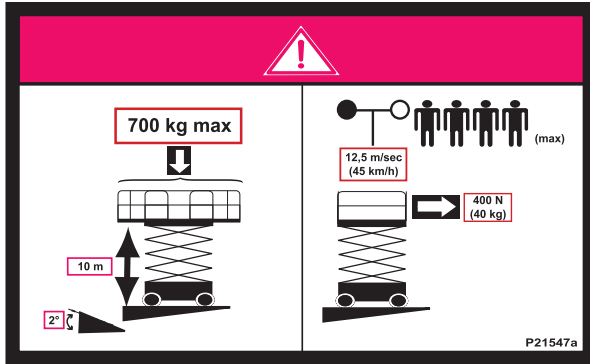
R10



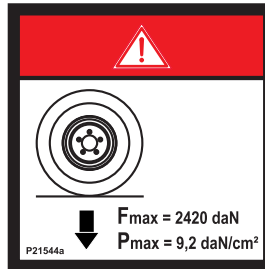
C - Machine layout

Specific decals H12SXL (HS3388RTL)

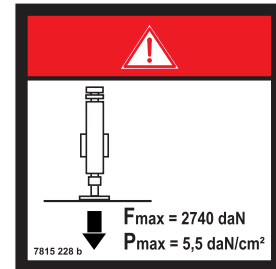
R1



R9

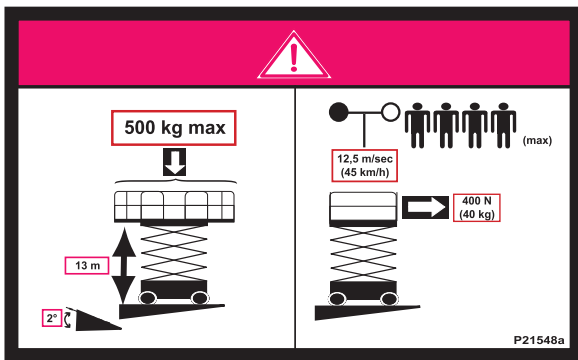


R10

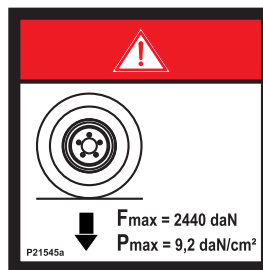


Specific decals H15SXL (HS4388RTL)

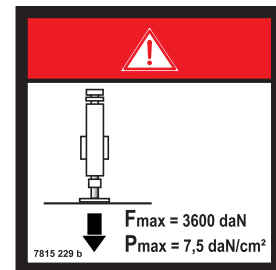
R1



R9

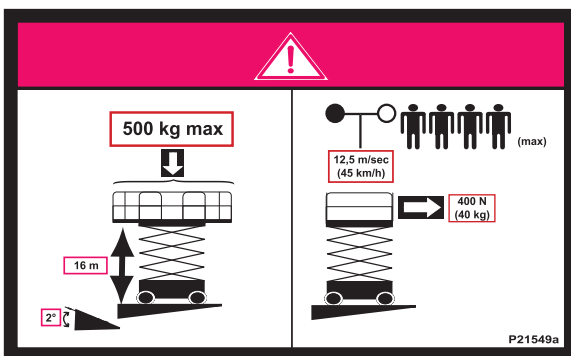


R10

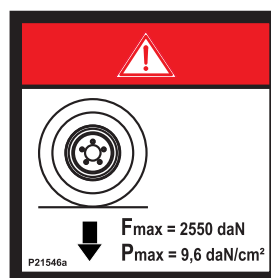


Specific decals H18SXL (HS5388RTL)

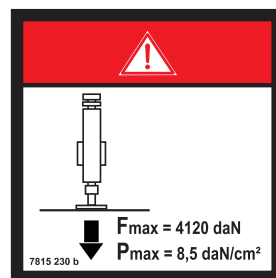
R1



R9



R10



C - Machine layout


4.1.2 - Orange decals



The orange decals indicate a risk of serious injury.

Common decals - CE

O1

	
RECOMMENDATIONS FOR USE	
BEFORE USING THIS MACHINE THE OPERATOR MUST	
<ul style="list-style-type: none"> 1 - Read and understand the information in the operator's manual and the information marked on the machine, and become familiar with the controls. 2 - Receive training and practical experience in operating the machine, under the employer's supervision. 3 - Ensure that maintenance is performed according to the manufacturer's instructions. 4 - Refrain from using the machine in the event of any malfunction. 5 - Not wash the electrical components with a washer pressure. 6 - Not remove any parts which might affect the stability. 7 - Not modify the machine without the manufacturer's approval. 8 - Not use the machine as a welding earth. 9 - Not weld on the machine without first disconnecting the battery terminals. See the instructions in the maintenance manual. 	
DAILY INSPECTION	
<ul style="list-style-type: none"> 1 - Check the level of diesel fuel (for diesel engine platforms). 2 - Check that there are no apparent defects (hydraulic leaks, loose bolts, loose electric connections) 3 - Check that the tilt indicator operates correctly by sounding the buzzer. 	
INSTRUCTIONS BEFORE USE	
<ul style="list-style-type: none"> 1 - Remove the rotation locking pin (if there is a turntable). 2 - IMPORTANT when using the AC power line to the work platform, the power plug must be connected to an electrical installation protected by a 30 mA circuit breaker (C15 100 standard) 	
START-UP	
<ul style="list-style-type: none"> 1 - Turn the battery isolator switch to the "on" position. 2 - Unlock the emergency stop button then press the starter button. 3 - If the machine does not start, wait 10 seconds then repeat the operation. 	
<p>THE MACHINE MUST NOT BE USED WHILE CHARGING THE BATTERIES</p>	
7814 345	

C - Machine layout

Common decals - AS

O1

RECOMMENDATIONS FOR USE
BEFORE USING THIS MACHINE THE OPERATOR MUST
<ol style="list-style-type: none"> 1 - Read and understand the information in the Operators Manual and the information marked on the machine, and become familiar with the controls. 2 - Receive training and practical experience in operating the machine, under the employer's supervision. 3 - Ensure that maintenance is performed in accordance with the manufacturer's instructions contained in the Operators Manual. 4 - Refrain from using the machine in the event of any malfunction. 5 - Avoid contact with electrical components when using high pressure cleaning equipment around the machine. 6 - Not remove any machine parts which might affect the stability. 7 - Not modify the machine without the manufacturer's written approval. 8 - Do not use the machine as a welding earth. 9 - Not carry out repairs on the machine involving welding without first disconnecting the battery.
DAILY INSPECTION
<ol style="list-style-type: none"> 1 - Check the level of diesel fuel (for diesel engine platforms). 2 - Check that there are no apparent defects (hydraulic leaks, loose bolts, loose electric connections) 3 - Check that the tilt indicator operates correctly by manually tilting the switch with the power on.
INSTRUCTIONS BEFORE USE
<ol style="list-style-type: none"> 1 - Remove the rotation locking pin (if fitted). 2 - IMPORTANT: when connecting AC power supply to the work platform, the wall power supply must be protected by 30 mA circuit breaker
START-UP
<ol style="list-style-type: none"> 1 - Turn the battery isolator switch (if fitted) to the " on " position 2 - Unlock the emergency stop button then press the engine starter button. 3 - If the engine does not start, wait 10 seconds then repeat the operation.
<p>THE MACHINE MUST NOT BE USED WHILE CHARGING THE BATTERIES</p>
7814 456

Common decals - ANSI - CSA

O1

	WARNING
RECOMMENDATIONS FOR USE	
THIS MACHINE MUST NOT BE USED UNTIL IT IS INSPECTED AND OPERATING PROPERLY.	
<ul style="list-style-type: none"> • DO NOT operate this machine unless you have been properly trained as described in the HAULOTTE Operation and Safety Manual by a qualified person and authorized to operate this machine. Your training includes reading and understanding the safety, operating and maintenance instructions in manufacturer's manuals, knowing your employers work rules and applicable governmental regulations. • Follow the instructions in the Operating Manual and sections 6, 7 and 8 of ANSI A92.5-2006 for daily, frequent and annual inspections. These may be obtained from your authorized HAULOTTE, Inc. equipment dealer or HAULOTTE, Inc. • DO NOT replace items (i.e., batteries, tires, counterweight, etc.) with items of different weight or specification because this will affect the stability of the machine. • DO NOT modify or change this machine without written approval from the manufacturer. • Operate this machine with extreme caution. STOP all operation if a malfunction occurs. • Test foot switch for proper operation. • Test high engine and high drive cut out switches for proper operation. • DO NOT wash the electrical components with a washer pressure. • DO NOT use the machine as a welding earth. • DO NOT weld on the machine without first disconnecting the battery terminals. 	
DAILY INSPECTION	
<ul style="list-style-type: none"> • Check the level of diesel fuel (for diesel engine platform). • Check that there are no apparent defects (hydraulic leaks, loose bolts, loose electric connections). • Check that the tilt indicator operates correctly by sounding the buzzer (when machine is raised). 	
INSTRUCTION BEFORE USE	
<ul style="list-style-type: none"> • Remove the rotation locking pin (if there is a turntable). • IMPORTANT when using the AC power line to the work platform, the power plug must be connected to an electrical installation protected by a circuit breaker. 	
START-UP	
<ul style="list-style-type: none"> • Turn the battery isolator switch to the "ON" position. • Unlock the emergency stop button then press the starter button (for diesel engine platform). • If the machine does not start, wait 10 seconds then repeat the operation. 	
<p>The machine must not be used while charging the batteries (on electrical machine) Improper use of this machine could cause death or serious injury.</p>	
7814 705 b	

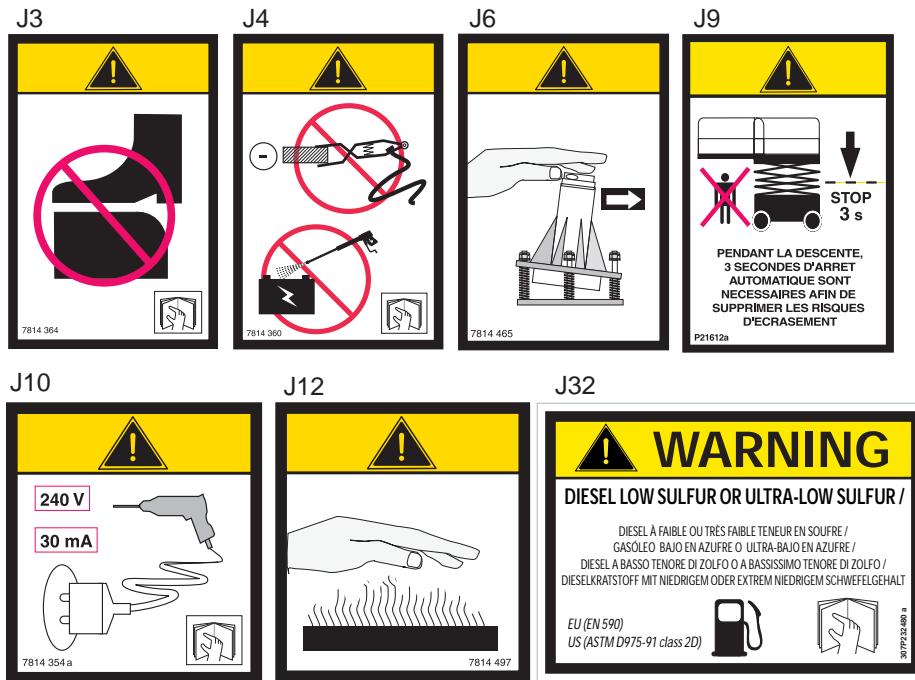
C - Machine layout

4.1.3 - Yellow decals



The yellow decals indicate a risk of material damage and/or minor injury.

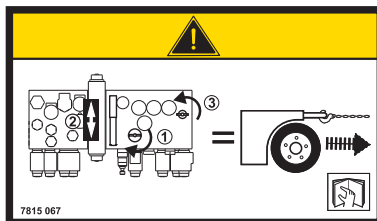
Common decals



C - Machine layout

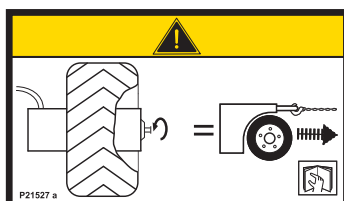
Specific COMPACT 10DX (COMPACT 2668RT) and COMPACT 12DX (COMPACT 3368RT) decals

J5



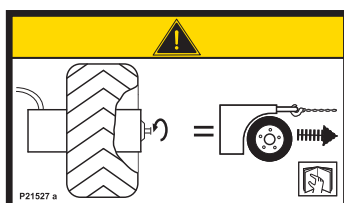
Specific H12SX (HS3388RT) , H15SX (HS4388RT) , H12SXL (H3388RTL) and H15SXL (HS4388RTL) decals

J5



Specific H18SX (HS5388RT) and H18SXL (HS5388RTL) decals

J5



C - Machine layout

4.1.4 - Other decals



The other decals provide additional technical information.

Common decals

A5

A16

A8

A9

A24

A10

A10

A10

A4

Compact 10DX

Compact 12DX

A89

A90

A80

A7

A15

Specific decals AS

R14

R17

J10

R23

R24

A28
Clearance for Operating Elevating Work Platforms Near Power Lines While in Operating Mode

R54

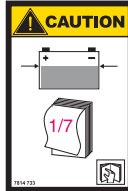
C - Machine layout

Specific decals ANSI : Diesel version

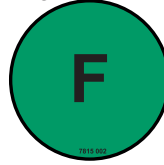
R21



J13



A25

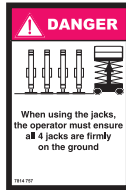


A22

Minimum safe approach distance (M.S.A.D) to energized (exposed or insulated) power lines

Voltage Range (Phase to phase)	Minimum safe approach distance	
	Feet	Meters
0 to 250 V	APPROXIMATELY	
Over 250 V to 50 kV	10	3.05
Over 50 kV to 250 kV	15	4.60
Over 250 kV to 350 kV	20	6.10
Over 350 kV to 500 kV	25	7.62
Over 500 kV to 750 kV	35	10.67
Over 750 kV to 1000 kV	45	13.72

R23



R24



A27

1540 lbs CAPACITY

1245 lbs CAPACITY

1100 lbs CAPACITY

1000 lbs CAPACITY

O3

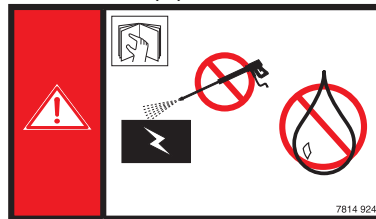


Specific decals, optional

A8



R18 - HSX(L)



A31 - HSX(L)



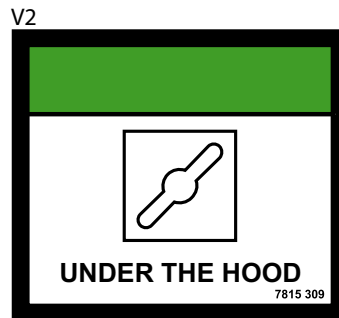
C - Machine layout

4.1.5 - Green decals

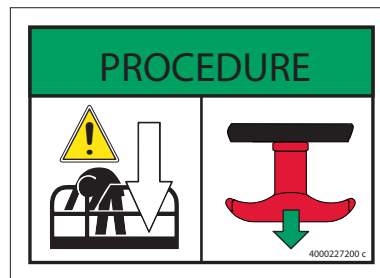


Green decals indicate maintenance, operations or information (CSA standard).

Common decals



J16



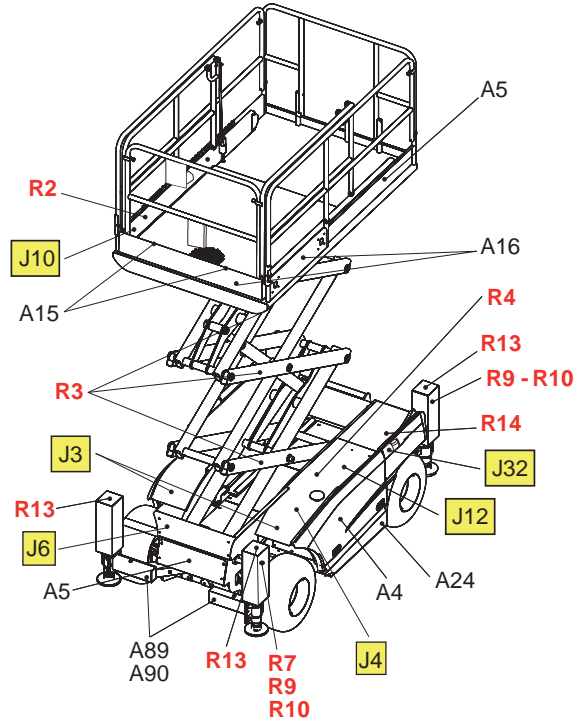
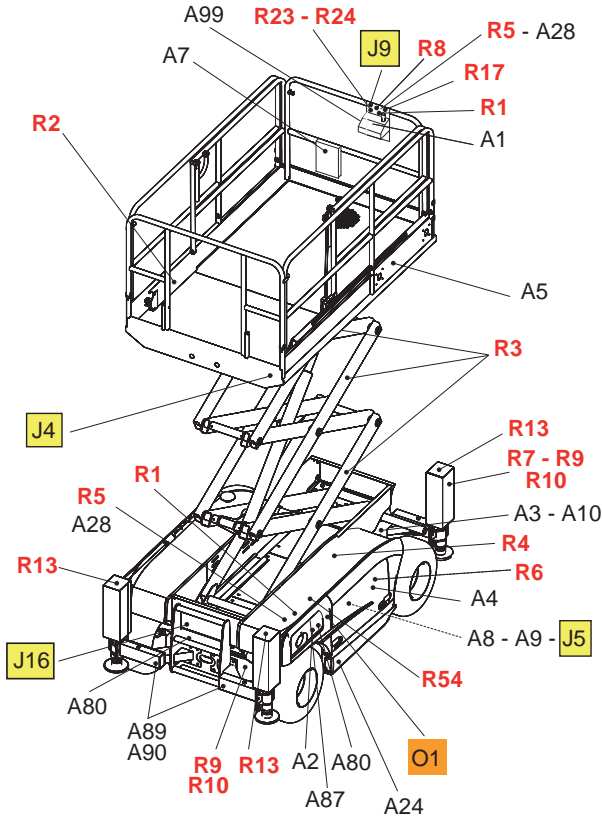
4.1.6 - Blue decals

N.B.:- The blue decals indicate information or a precaution to be taken in case of danger.

C - Machine layout

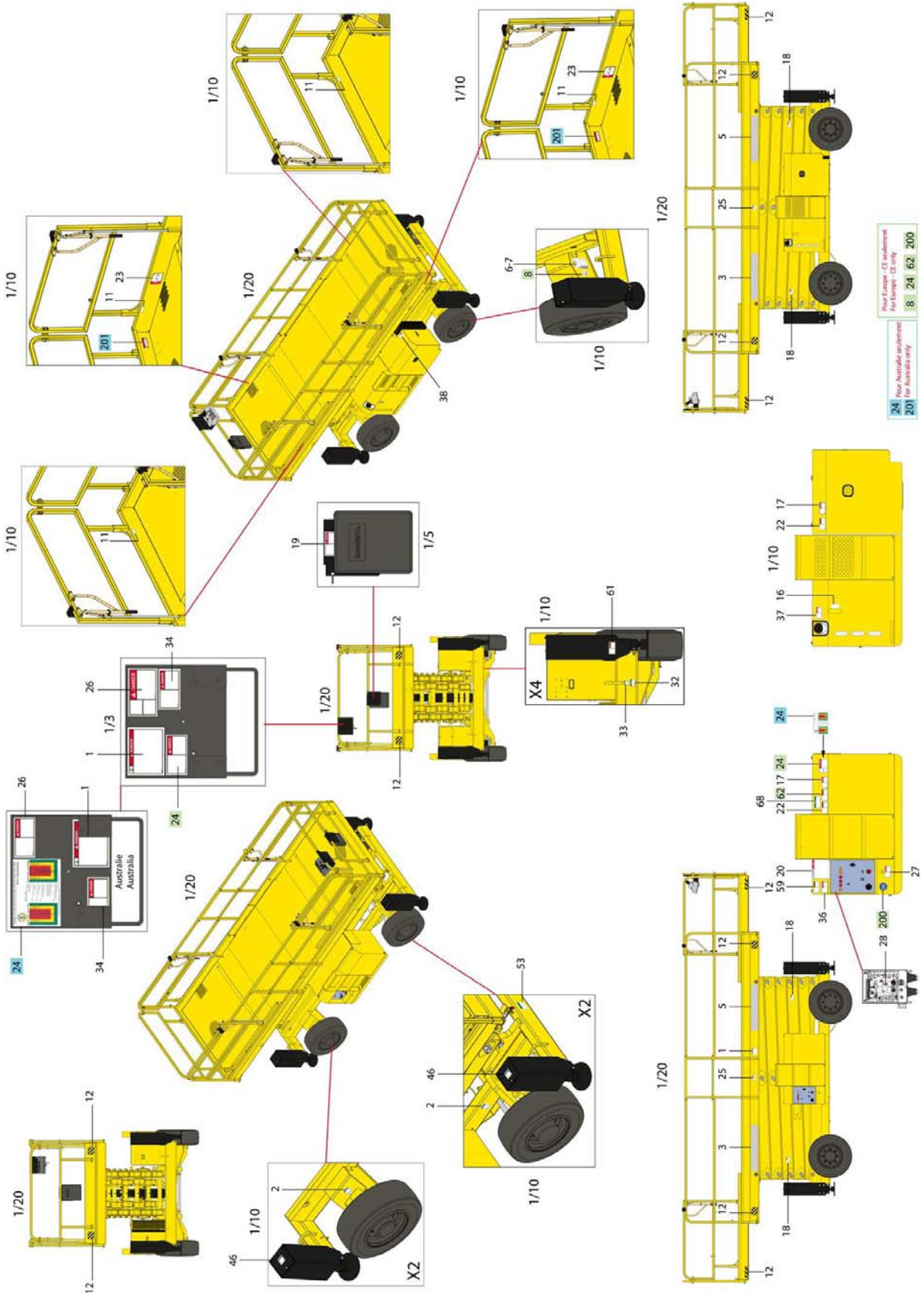
4.2 - IDENTIFICATION

Location of the Compact DX decals - CE and AS standards



C - Machine layout

Location of HSX and HSXL decals - CE and AS standards



C - Machine layout

Decal descriptions - CE and AS standards

Marking	Color	Description	Quantity	
1	Red	Height of the floor and load	2	For H12SX (HS3388RT) : 4000243990
				For H12SXL (HS3388RTL) : 4000244010
				For H15SX (HS4388RT) : 4000244030
				For H15SXL (HS4388RTL) : 4000244050
				For H18SX (HS5388RT) : 4000244070
2	Blue	Maximum Pressure per Tire - Floor Loading	4	For H18SXL (HS5388RTL) : 4000244090
				For H12SX (HS3388RT) : 4000243720
				For H12SXL (HS3388RTL) : 4000243730
				For H15SX (HS4388RT) : 4000243770
				For H15SXL (HS4388RTL) : 4000243790
3	Other	Commercial name - Bright machine	2	For H18SX (HS5388RT) : 4000243810
				For H18SXL (HS5388RTL) : 4000243830
				For H12SX (HS3388RT) : 3078150610
				For H12SXL (HS3388RTL) : 307P215500
				For H15SX (HS4388RT) : 3078150620
3	Other	Commercial name - Dark machine	2	For H15SXL (HS4388RTL) : 307P215510
				For H18SX (HS5388RT) : 3078150630
				For H18SXL (HS5388RTL) : 307P215520
				For H12SX (HS3388RT) : 4000415790
				For H12SXL (HS3388RTL) : 4000415800
5	Other	Decal HAULOTTE® - Bright machine	2	307P217230
5	Other	Decal HAULOTTE® - Dark machine	2	307P224930
5	Other	Decal HAULOTTE® - Red machine	2	307P224920
6	Other	Identification plate	1	307P218070
8	Other	Noise emission level	1	CE standard only 3078148700
11	Other	Lanyard attachment points	4	307P216290
12	Other	Material risk - Yellow and black adhesive tape 200 x 50 mm	4	4000424630
12	Other	Material risk - Yellow and black adhesive tape 110 x 135 mm	H12SX - H15SX - H18SX : 4 H12SXL - H15SXL - H18SXL : 8	4000421700
16	Other	Max and min oil level	1	307P221060
17	Red	Risk of crushing	2	4000244370
18	Orange	Hand crushing hazard - Risk of crushed hands	4	4000024890
19	Red	Operation instructions	1	4000025140

C - Machine layout

Marking	Color	Description	Quantity	
				In german (CE standard) : 307P222730 In english (CE and AS standards) : 307P222740 In croatian (CE standard) : 4000360810 In danish (CE standard) : 307P222760 In spanish (CE standard) : 307P222770 In estonian (CE standard) : 4000360870 In finish (CE standard) : 307P222780 In french (CE standard) : 3078149030 In dutch (CE standard) : 307P222790 In hungarian (CE standard) : 4000360890 In italian (CE standard) : 307P222800 In japanese (CE standard) : 4000359830 In latvian (CE standard) : 4000359840 In lithuanian (CE standard) : 4000359850 In norwegian (CE standard) : 4000359900 In polish (CE standard) : 4000359860 In portuguese (CE standard) : 307P222810 In romanian (CE standard) : 4000359870 In Russian (CE standard) : 4000359920 In slovakian (CE standard) : 4000359880 In slovenian (CE standard) : 4000359890 In swedish (CE standard) : 307P222820 In ukrainian (CE standard) : 4000359910
20	Red	Operation instructions	1	
22	Orange	Wound foot - Do not place foot	2	4000027090
23	Red	Risk of crushing - Driving direction	2	3078145100
24	Red	Danger of electrocution	2	CE standard only : 4000244350 AS standard only : 4000227500
25	Red	Risk of crushing - Closing drop rail	2	4000025080
26	Red	Danger of electrocution - Ground for welding	1	4000027100
27	Red	Verification of tilt operation	1	4000244380
28	Red	Do not interchange	1	3078145180
32	Blue	Anchorage point - Traction	4	4000027310
33	Blue	Anchorage point - Elevation	4	4000027330
34	Red	Risk of electrocution - Water projection	1	4000025130
36	Red	Risk of crushing - Platform	1	4000244340
37	Red	Explosion hazard	1	4000027370
38	Orange	Hand crushing hazard - Heat burns	1	4000027450
46	Red	Maximum effort on the stabilizers	4	For H12SX (HS3388RT) : 4000243900 For H12SXL (HS3388RTXL) : 4000481060 For H15SX (HS4388RT) : 4000243910 For H15SXL (HS4388RTXL) : 4000506810 For H18SX (HS5388RT) : 4000243920 For H18SXL (HS5388RTXL) : 4000506880
53	Green	Emergency lowering	1	For H12SX - H12SXL - H15SX - H15SXL : 4000227200 For H18SX - H18SXL : 4000244400
59	Orange	Scissors safety	1	4000027550
61	Orange	Risk of crushed feet	4	4000025060
62	Yellow	Stop time during descent	1	4000271010
68	Other	Transport height	1	For H12SX (HS3388RT) - H12SXL (HS3388RTXL) : 4000417350 For H15SX (HS4388RT) - H15SXL (HS4388RTXL) : 4000417360 For H18SX (HS5388RT) - H18SXL (HS5388RTXL) : 4000417370
200	Other	"Made in Europe"	1	CE standard only : 4000137690

C - Machine layout

Marking	Color	Description	Quantity	
201	Red	Wearing of a safety harness is essential	2	AS standard only : 3078144520

A

B

> C

D

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H

I

C - Machine layout

Decal descriptions - CE and AS standards

Color	Marking	Description	Quantity	
Red	R1	Height of the floor and load	2	For Compact 10DX (Compact 2668RT) : 3078146300 For Compact 12DX (Compact 3368RT) : 3078146310
Red	R2	Travel direction	2	3078145100
Red	R3	Risk of crushed hands	6	3078149010
Red	R4	Risk of crushing	2	3078143630
Red	R5	Danger of electrocution	2	For CE standard only : 3078143810
Red	R6	Do not interchange	1	3078145180
Red	R7	Do not park in the work area	2	3078143800
Red	R8	Close the sliding rail	1	For Compact 10DX (Compact 2668RT) and Compact 12DX (Compact 3368RT) : 307P215810
Red	R9	Wheel load	4	For Compact 10DX (Compact 2668RT) : 4000012870 For Compact 12DX (Compact 3368RT) : 4000012880
Red	R10	Maximum effort on the stabilizers	4	For Compact 10DX (Compact 2668RT) : 3078153280 For Compact 12DX (Compact 3368RT) : 3078153290
Red	R13	Risk of crushed feet	4	3078144670
Red	R14	Fuel filter	1	For AS standard only : 3078144510
Red	R17	Do not travel down slopes in high speed	1	For AS standard only : 3078144360
Red	R23	Use of stabilizers	1	For AS standard only : 3078144260
Red	R24	The cylinders must be retracted	1	For AS standard only : 3078144280
Red	R54	Emergency operation(s)	1	For AS standard only : 4000013250
Orange	O1	Operation instructions	1	In french (CE standard) : 3078143420 In english (CE standard) : 3078143450 In english (AS standard) : 3078144560 In spanish (CE standard) : 3078143430 In german (CE standard) : 3078143440 In italian (CE standard) : 3078143460 In danish (CE standard) : 3078144940 In portuguese (CE standard) : 3078145830 In finish (CE standard) : 3078145540 In swedish (CE standard) : 3078145940 In dutch (CE standard) : 3078143470
Yellow	J3	Do not place your foot on the cover	2	3078143640
Yellow	J4	Do not use the machine as a welding earth	2	3078143600
Yellow	J5	Brake release	2	3078150670
Yellow	J6	Verification of tilt operation	1	3078144650
Yellow	J9	Stop time during descent	1	In french (CE standard) : 307P216120 In english (CE standard) : 307P216130 In spanish (CE standard) : 307P216150 In german (CE standard) : 307P216140 In italian (CE standard) : 307P216160 In danish (CE standard) : 307P216180 In portuguese (CE standard) : 307P216200 In finish (CE standard) : 307P216190 In swedish (CE standard) : 307P216210 In dutch (CE standard) : 307P216170
Yellow	J10	Socket	1	CE standard : 3078143540 AS standard : 3078144570

C - Machine layout

Color	Marking	Description	Quantity	
Yellow	J12	Heat burns	1	3078144970
Green	J16	Emergency lowering	1	4000227200
Yellow	J32	Low sulfur	1	307P232480
Other	A1-1	Platform control box	1	307P232410-420
Other	A1-2	E-stop button	1	307P217830
Other	A2	Ground control box	1	307P232470
Other	A3	Identification plate	1	307P218070
Other	A4	Machine name logo	2	For Compact 10DX (Compact 2668RT) : 3078146360 For Compact 12DX (Compact 3368RT) : 3078146370
Other	A5	Small format HAULOTTE® logo	3	307P217230
Other	A7	Read the operation manual	1	3078143680
Other	A8	Hydraulic oil	1	3078143520
Other	A8	Biodegradable oil	1	3078148890
Other	A9	Max and min oil level	1	3078143590
Other	A10	Noise emission level	1	4000012860
Other	A15	Harness anchor point location	6	307P216290
Other	A16	Yellow and black adhesive tape	1	2421808660
Other	A24	4WD	2	3078146330
Other	A28	Danger of electrocution	2	For AS standard only : 307P226440
Other	A80	Emergency lowering location	2	307P226580
Other	A87	Emergency control box	1	For Italy only : 307P232500
Other	A89	Towing points on the machine	4	3078147930
Other	A90	Anchor points on the machine	4	307P216800
Other	A99	Instructions - Explanation of use of console	1	4000136790

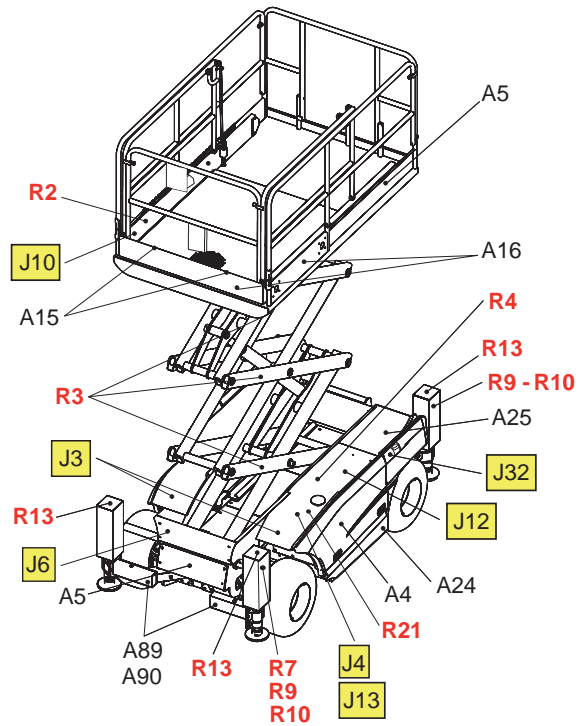
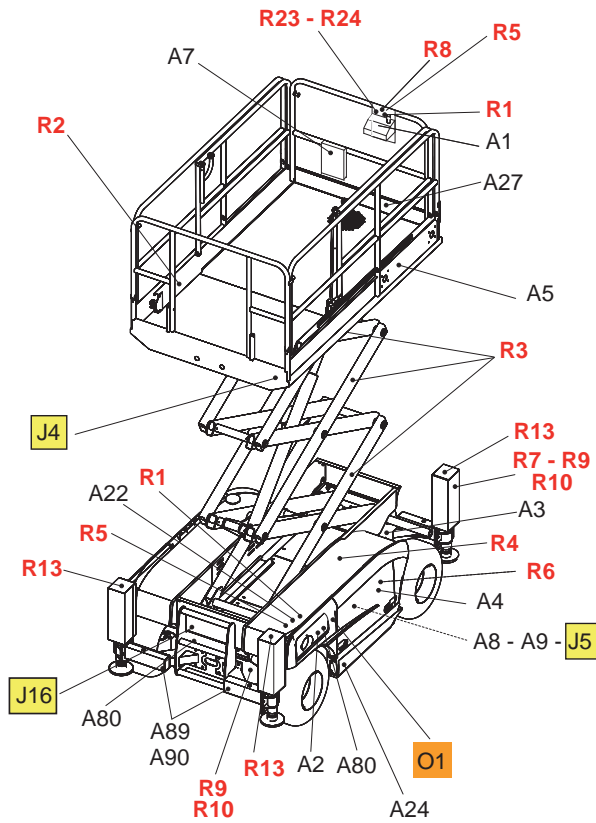
C - Machine layout



Notes

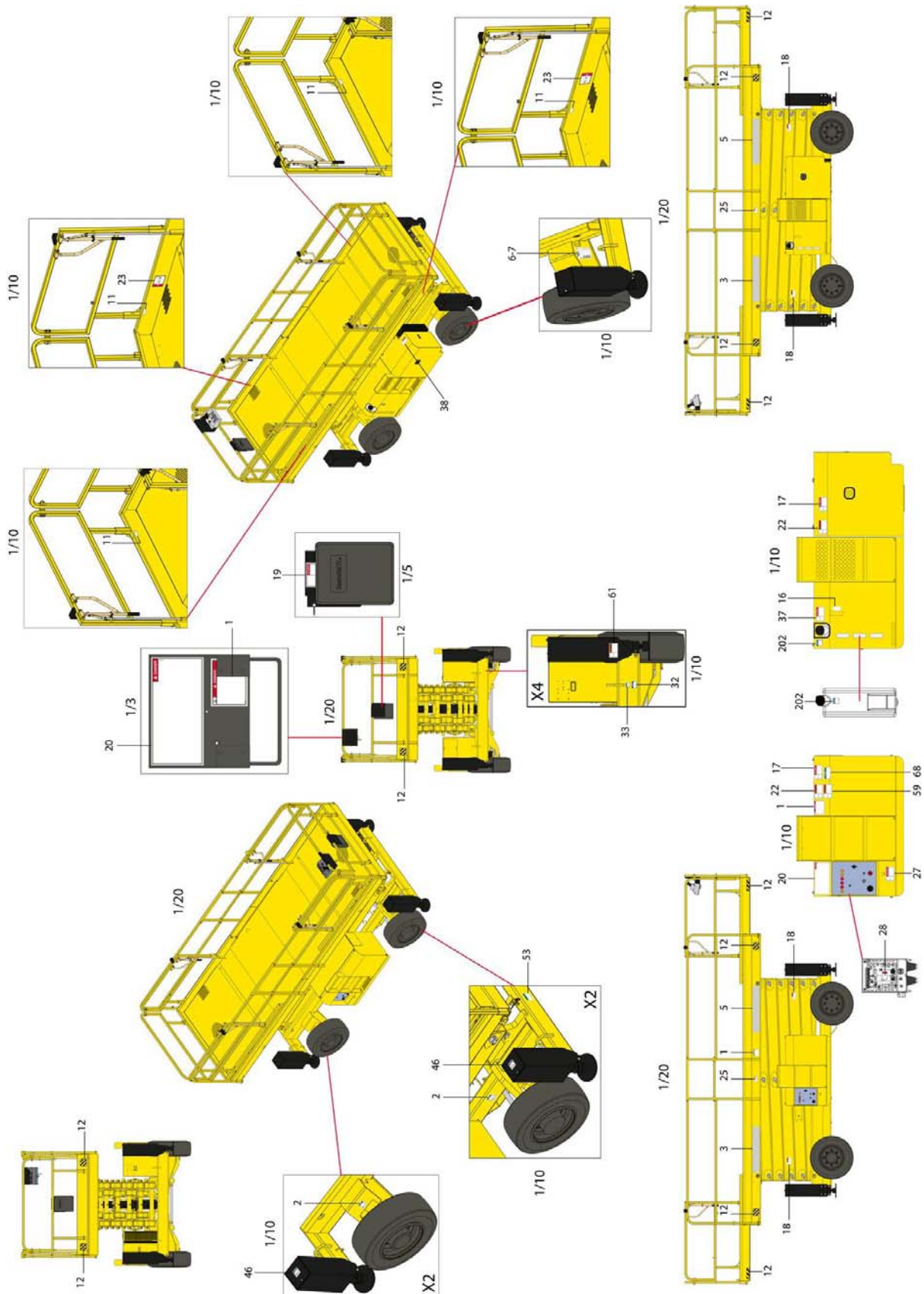
C - Machine layout

Location of the Compact RT decals - Diesel version - ANSI and CSA standards



C - Machine layout

Location of HSRT and HSRTL decals - Diesel version - ANSI and CSA standards



C - Machine layout

Decal descriptions - Diesel version - ANSI and CSA standards

Marking	Color	Description	Quantity	
1	Red	Height of the floor and load	3	For HS3388RT - HS3388RTXL : In english : 4000244000. In french : 4000244190. In spanish : 4000244200. For HS4388RT - HS4388RTXL : In english : 4000244040. In french : 4000244210. In spanish : 4000244220. For HS5388RT - HS5388RTXL : In english : 4000244080. In french : 4000244230. In spanish : 4000244240.
2	Blue	Maximum Pressure per Tire - Floor Loading	4	For H12SX (HS3388RT) : 4000243720 For H12SXL (HS3388RTXL) : 4000243730 For H15SX (HS4388RT) : 4000243770 For H15SXL (HS4388RTXL) : 4000243790 For H18SX (HS5388RT) : 4000243810 For H18SXL (HS5388RTXL) : 4000243830
3	Other	Commercial name - Bright machine	2	For H12SX (HS3388RT) : 3078147630 For H12SXL (HS3388RTXL) : 307P219260 For H15SX (HS4388RT) : 3078147620 For H15SXL (HS4388RTXL) : 307P219270 For H18SX (HS5388RT) : 3078147610 For H18SXL (HS5388RTXL) : 307P219280
3	Other	Commercial name - Dark machine	2	For H12SX (HS3388RT) : 4000415860 For H12SXL (HS3388RTXL) : 4000415870 For H15SX (HS4388RT) : 4000415880 For H15SXL (HS4388RTXL) : 4000415890 For H18SX (HS5388RT) : 4000415900 For H18SXL (HS5388RTXL) : 4000415910
5	Other	Decal HAULOTTE® - Bright machine	2	307P217230
5	Other	Decal HAULOTTE® - Dark machine	2	307P224930
5	Other	Decal HAULOTTE® - Red machine	2	307P224920
6	Other	Identification plate	1	307P218170
11	Other	Lanyard attachment points	4	307P216290
12	Other	Material risk - Yellow and black adhesive tape 200 x 50 mm	4	4000424630
12	Other	Material risk - Yellow and black adhesive tape 110 x 135 mm	4	4000421700
16	Other	Max and min oil level	1	307P221060
17	Red	Risk of crushing	2	In english : 4000130190 In french : 4000130200 In spanish : 4000130210
18	Orange	Hand crushing hazard - Risk of crushed hands	4	In english : 4000024770 In french : 4000067710 In spanish : 4000086490
19	Red	Operation instructions	1	4000025140
20	Red	Operation instructions	1	In english : 4000243670 In french : 4000243680 In spanish : 4000243690
22	Orange	Wound foot - Do not place foot	2	In english : 4000024840 In french : 4000068180 In spanish : 4000086610

C - Machine layout

Marking	Color	Description	Quantity	
23	Red	Risk of crushing - Driving direction	2	3078145100
27	Red	Verification of tilt operation	1	In english : 4000130300 In french : 4000130310 In spanish : 4000130320
28	Red	Do not interchange	1	3078145180
32	Blue	Anchorage point - Traction	4	4000027310
33	Blue	Anchorage point - Elevation	4	4000027330
37	Red	Explosion hazard	1	In english : 4000025010 In french : 4000068130 In spanish : 4000086560
38	Orange	Hand crushing hazard - Heat burns	1	In english : 4000025040 In french : 4000068110 In spanish : 4000086540
46	Red	Maximum effort on the stabilizers	4	For H12SX (HS3388RT) : 4000243900 For H12SXL (HS3388RTXL) : 4000481060 For H15SX (HS4388RT) : 4000243910 For H15SXL (HS4388RTXL) : 4000506810 For H18SX (HS5388RT) : 4000243920 For H18SXL (HS5388RTXL) : 4000506880
53	Green	Emergency lowering	1	For HS3388RT - HS3388RTXL - HS4388RT - HS4388RTXL : 4000227200 For HS5388RT - HS5388RTXL : 4000244400
59	Orange	Scissors safety	1	In english : 4000024850 In french : 4000068070 In spanish : 4000086500
61	Orange	Risk of crushed feet	4	In english : 4000024780 In french : 4000067700 In spanish : 4000086480
68	Other	Transport height	1	For H12SX (HS3388RT) - H12SXL (HS3388RTXL) : 4000417350 For H15SX (HS4388RT) - H15SXL (HS4388RTXL) : 4000417360 For H18SX (HS5388RT) - H18SXL (HS5388RTXL) : 4000417370
202	Blue	Diesel Fuel Only	2	4000201430

C - Machine layout

Decal descriptions - Diesel version - ANSI and CSA standards

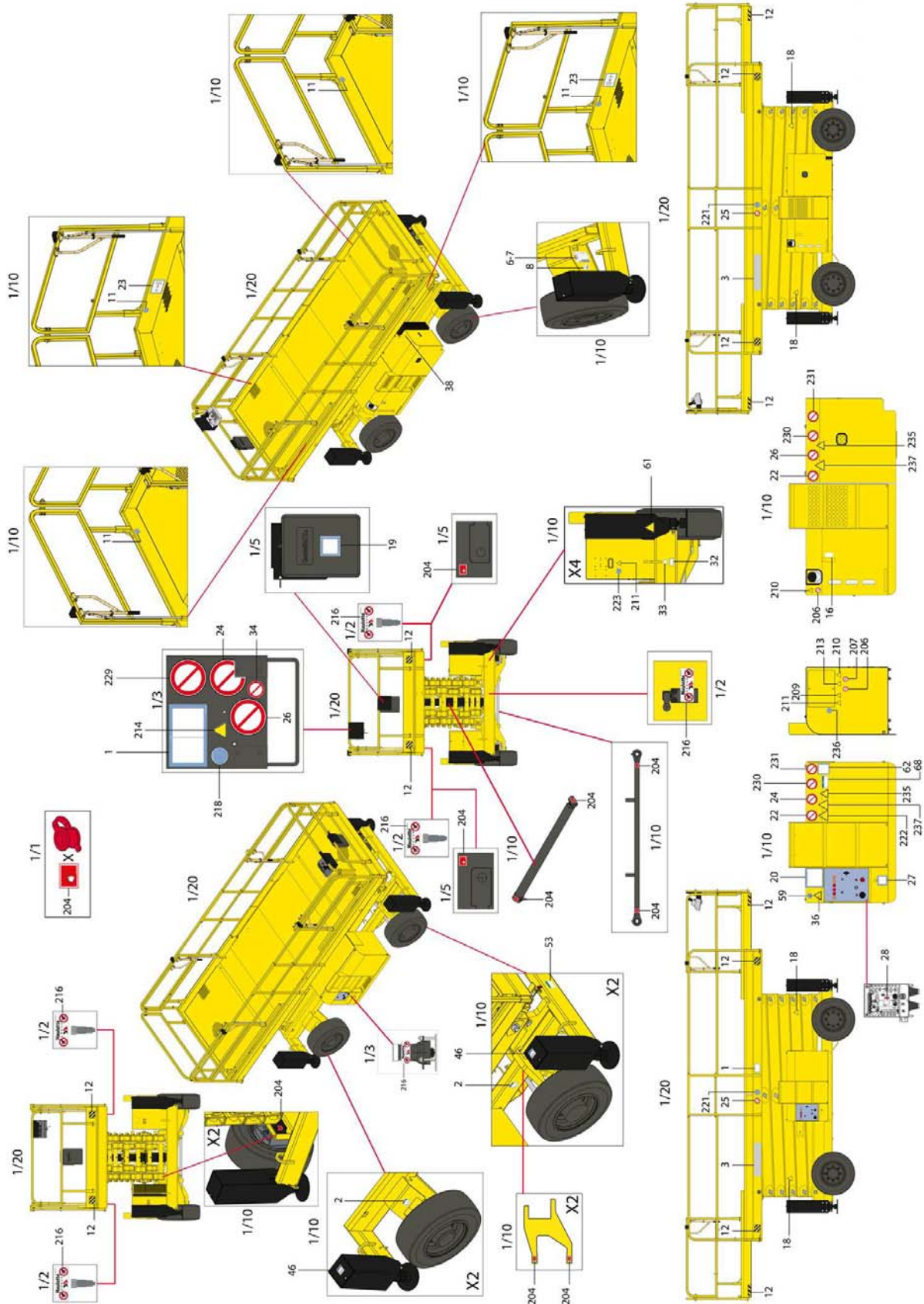
Color	Marking	Description	Quantity	
Red	R1	Height of the floor and load	2	For Compact 10DX (Compact 2668RT) : 3078148520 For Compact 12DX (Compact 3368RT) : 3078148530
Red	R2	Travel direction	2	3078147280
Red	R3	Risk of crushed hands	6	3078147240
Red	R4	Risk of crushing	2	3078143630
Red	R5	Danger of electrocution	2	3078147400
Red	R6	Do not interchange	1	3078147320
Red	R7	Do not park in the work area	2	3078147380
Red	R8	Close the sliding rail	1	For Compact 10DX (Compact 2668RT) and Compact 12DX (Compact 3368RT) : 307P215820
Red	R9	Wheel load	4	For Compact 10DX (Compact 2668RT) : 4000012910 For Compact 12DX (Compact 3368RT) : 4000012930
Red	R10	Maximum effort on the stabilizers	4	For Compact 10DX (Compact 2668RT) : 307P217790 For Compact 12DX (Compact 3368RT) : 307P217800
Red	R13	Risk of crushed feet	4	3078147180
Red	R21	Protective clothing required	1	3078147350
Red	R23	Use of stabilizers	1	3078147570
Red	R24	The cylinders must be retracted	1	3078147590
Orange	O1	Operation instructions	1	3078148040
Orange	O3	Risks of explosion	1	3078148030
Yellow	J3	Do not place your foot on the cover	2	3078147270
Yellow	J4	Do not use the machine as a welding earth	2	3078147220
Yellow	J5	Brake release	2	3078150680
Yellow	J6	Verification of tilt operation	1	3078147090
Yellow	J10	Socket	1	3078148900
Yellow	J12	Heat burns	1	3078147600
Yellow	J13	Battery verification	1	3078147330
Green	J16	Emergency lowering	1	4000227200
Yellow	J32	Low sulfur	1	307P232480
Other	A1-1	Platform control box	1	307P232410-420
Other	A1-2	E-stop button	1	307P217830
Other	A2	Ground control box	1	307P232470
Other	A3	Identification plate	1	307P218170
Other	A4	Machine name logo	2	For Compact 10DX (Compact 2668RT) : 3078148490 For Compact 12DX (Compact 3368RT) : 3078148500
Other	A5	Small format HAULOTTE® logo	3	307P217230
Other	A7	Read the operation manual	1	3078147290
Other	A8	Hydraulic oil	1	3078147140
Other	A8	Biodegradable oil	1	3078148920
Other	A9	Max and min oil level	1	3078147210
Other	A15	Harness anchor point location	6	3078147950
Other	A16	Yellow and black adhesive tape	1	2421808660
Other	A22	Voltage table	1	3078147890
Other	A24	4WD	2	3078146330
Other	A25	Fuel tank cap	1	3078150020

C - Machine layout

Color	Marking	Description	Quantity	
Other	A27	Permissible load	1	For Compact 10DX (Compact 2668RT) : 3078150090 For Compact 12DX (Compact 3368RT) : 3078150100
Other	A80	Emergency lowering location	2	307P227210
Other	A89	Towing points on the machine	4	3078147930
Other	A90	Anchor points on the machine	4	307P216800

C - Machine layout

Location of the H12SX - H15SX - H18SX decals - EAC standard



C - Machine layout

Decal descriptions - EAC standard

Marking	Color	Description	Quantity	
1	Red	Height of the floor and load	2	For H12SX (HS3388RT) : 4000011250 For H12SXL (HS3388RTXL) : 4000271270 For H15SX (HS4388RT) : 4000011310 For H15SXL (HS4388RTXL) : 4000273310 For H18SX (HS5388RT) : 4000011320 For H18SXL (HS5388RTXL) : 4000273380
2	Blue	Maximum Pressure per Tire - Floor Loading	4	For H12SX (HS3388RT) : 4000243720 For H12SXL (HS3388RTXL) : 4000243730 For H15SX (HS4388RT) : 4000243770 For H15SXL (HS4388RTXL) : 4000243790 For H18SX (HS5388RT) : 4000243810 For H18SXL (HS5388RTXL) : 4000243830
3	Other	Commercial name - Bright machine	2	For H12SX (HS3388RT) : 3078150610 For H12SXL (HS3388RTXL) : 307P215500 For H15SX (HS4388RT) : 3078150620 For H15SXL (HS4388RTXL) : 307P215510 For H18SX (HS5388RT) : 3078150630 For H18SXL (HS5388RTXL) : 307P215520
3	Other	Commercial name - Dark machine	2	For H12SX (HS3388RT) : 4000415790 For H12SXL (HS3388RTXL) : 4000415800 For H15SX (HS4388RT) : 4000415810 For H15SXL (HS4388RTXL) : 4000415820 For H18SX (HS5388RT) : 4000415830 For H18SXL (HS5388RTXL) : 4000415840
6	Other	Identification plate	1	For Russia : 4000278870 For Ukraine : 307P227830
8	Other	Noise emission level	1	3078148700
11	Other	Lanyard attachment points	4	307P226710
12	Other	Material risk - Yellow and black adhesive tape 200 x 50 mm	4	4000424630
12	Other	Material risk - Yellow and black adhesive tape 110 x 135 mm	H12SX - H15SX - H18SX : 4 H12SXL - H15SXL - H18SXL : 8	4000421700
16	Other	Max and min oil level	1	307P221060
18	Orange	Hand crushing hazard - Risk of crushed hands	4	307P227660
19	Red	Operation instructions	1	For Russia : 307P227190 For Ukraine : 307P227840
20	Red	Operation instructions	1	For Russia : 4000359920 For Ukraine : 4000359910
22	Orange	Wound foot - Do not place foot	2	307P227010
23	Red	Risk of crushing - Driving direction	2	For Russia : 4000010890 For Ukraine : 4000011390
24	Red	Danger of electrocution	2	4000010920
25	Red	Risk of crushing - Closing drop rail	2	307P226950
26	Red	Danger of electrocution - Ground for welding	1	307P226970
27	Red	Verification of tilt operation	1	For Russia : 307P227060 For Ukraine : 307P227870
28	Red	Do not interchange	1	3078145180
32	Blue	Anchorage point - Traction	4	4000135970
33	Blue	Anchorage point - Elevation	4	4000135960
34	Red	Risk of electrocution - Water projection	1	307P226780

C - Machine layout

Marking	Color	Description	Quantity	
36	Red	Risk of crushing - Platform	1	4000014290
38	Orange	Hand crushing hazard - Heat burns	1	4000200810
46	Red	Maximum effort on the stabilizers	4	For H12SX (HS3388RT) : 4000243900 For H12SXL (HS3388RTXL) : 4000481060 For H15SX (HS4388RT) : 4000243910 For H15SXL (HS4388RTXL) : 4000506810 For H18SX (HS5388RT) : 4000243920 For H18SXL (HS5388RTXL) : 4000506880
53	Green	Emergency lowering	1	For H12SX - H12SXL - H15SX - H15SXL : 4000227200 For H18SX - H18SXL : 4000227200
59	Orange	Scissors safety	4	4000270960
61	Orange	Risk of crushed feet	4	4000270970
62	Yellow	Stop time during descent	1	For Russia : 4000011400 For Ukraine : 4000011430
68	Other	Transport height	1	For H12SX (HS3388RT) - H12SXL (HS3388RTXL) : 4000417350 For H15SX (HS4388RT) - H15SXL (HS4388RTXL) : 4000417360 For H18SX - H18SXL : 4000417370
204	Red	Lubrication point	10	307P219370
206	Red	Flames prohibited	2	307P226750
207	Red	Smoking forbidden	1	307P226760
209	Yellow	Battery danger	1	307P226790
210	Yellow	Fire Hazard	2	307P226800
211	Yellow	Electrical danger	2	307P226810
213	Yellow	Corrosion hazard	1	307P226830
214	Yellow	Danger unstable side	1	307P226930
216	Other	Tamper-proof	8	307P227450
218	Blue	Caution helmet compulsory	1	307P226680
221	Blue	Obligatory routing	2	307P227510
222	Yellow	Danger unstable side	1	307P227680
223	Blue	Plug12 V	1	307P227700
229	Red	Do not travel down slopes in high speed	1	307P226990
230	Red	No admittance to unauthorized persons	2	307P227560
231	Red	Do not park in the work area	2	4000010910
235	Yellow	Vertical crushing of the body	2	4000014270
236	Blue	Caution glasses	1	307P226670
237	Yellow	Risk of crushing	2	307P227670

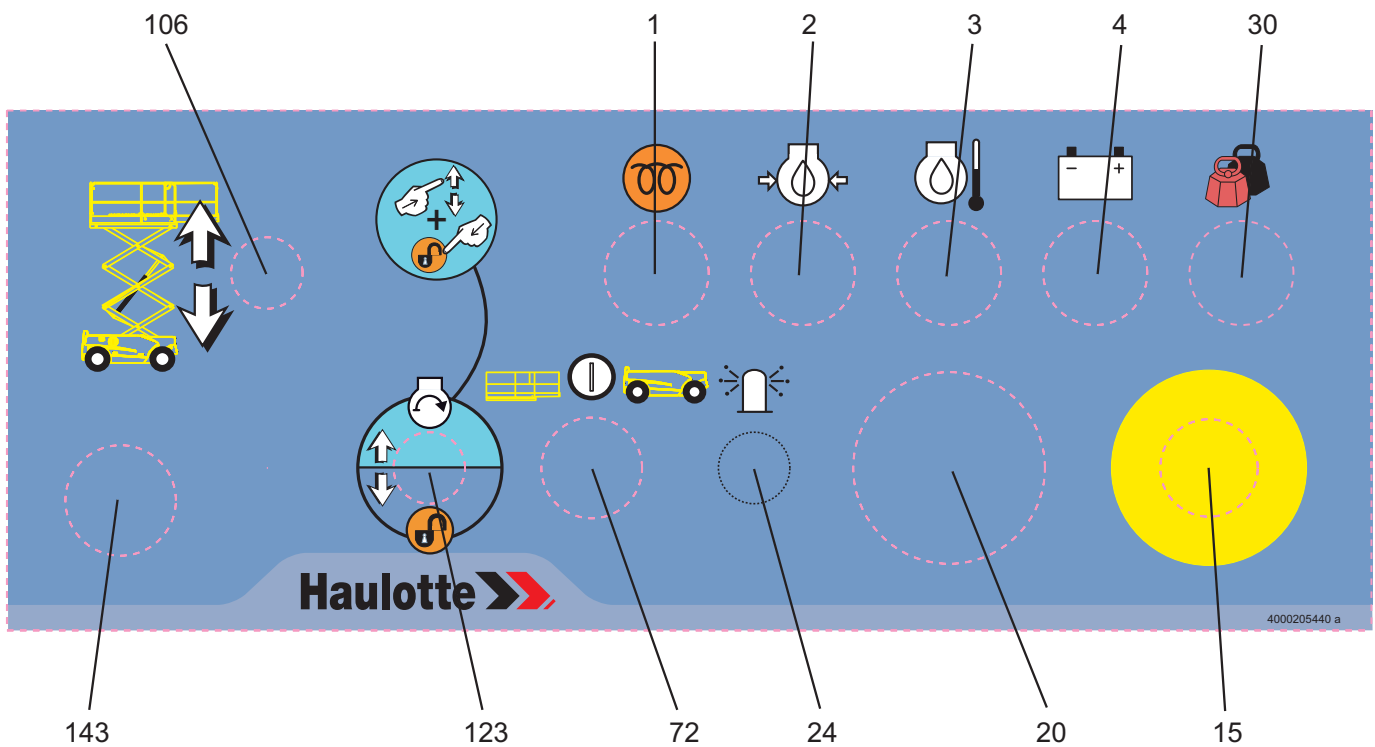
C - Machine layout

5 - Control boxes

N.B.:-The functions are described for the entire range. Refer to the machine model to identify the controls and functions indicators.

5.1 - GROUND CONTROL BOX - EMERGENCY CONTROL BOX

General view-Compact 10/12DX (Compact 2668/3368RT)



C - Machine layout

Controls and indicators-Compact 10/12DX (Compact 2668/3368RT)

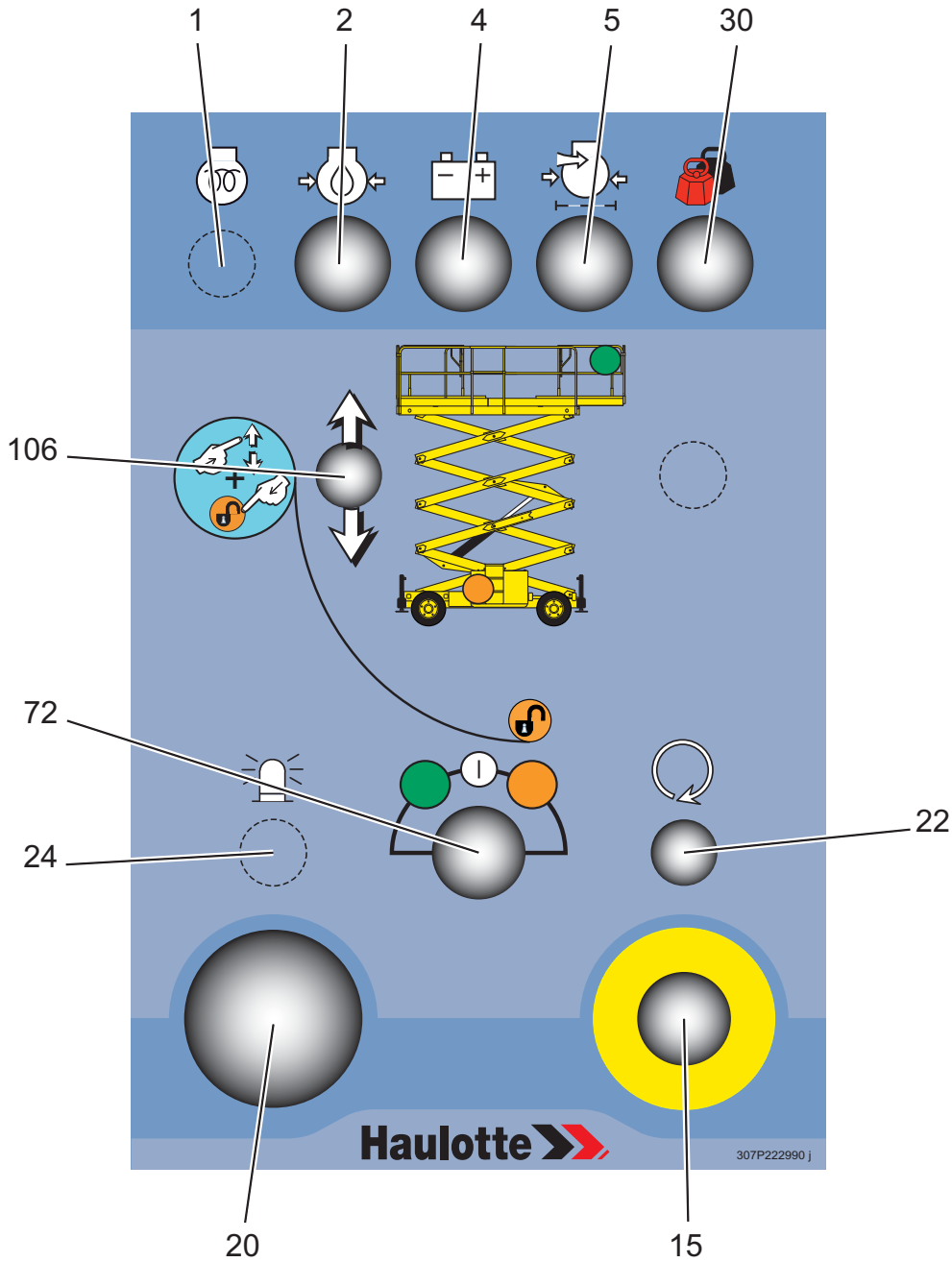
Marking	Description	Function
1	Electric pre-heating indicator	On : Engine in pre-heating mode Off : Engine pre-heated, starting possible
2	Engine oil pressure light	Low engine oil pressure ⁽¹⁾
3	Engine temperature indicator	High engine oil temperature ^(1.)
4	Battery charging indicator	Low battery charge ^(1.)
15	E-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	Hour meter	Total machine running hours
24	Beacon light on/off ⁽²⁾	Move to the right : Beacon light on Move to the left : Beacon light off
30	Platform overload indicator	Platform overload
72	Control box activation key selector	Left : Platform control box energized Center : De-energizes control system Right : Ground control box energized
106	Platform raising / lowering selector	Move upwards : Platform raises Move downwards : Platform lowers
123	'Enable Switch' selector-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

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

(2.) For machines fitted with

C - Machine layout

General view-H12/15/18SX(L) (HS3388/4388/5388RT(XL))



C - Machine layout

Controls and indicators-H12/15/18SX(L) (HS3388/4388/5388RT(XL))

Marking	Description	Function
1	Electric pre-heating indicator	On : Engine in pre-heating mode Off : Engine pre-heated, starting possible
2	Engine oil pressure light	Low engine oil pressure ^(1.)
4	Battery charging indicator	Low battery charge ^(1.)
5	Air filter clogging indicator	Clogged air filter ^(1.)
15	E-stop button	Pulled out : Ground control box energized Pushed in : De-energizes control system
20	Hour meter	Total machine running hours
22	Engine start-up selector	Starting the engine
24	Beacon light on/off ^(2.)	Move to the right : Beacon light on Move to the left : Beacon light off
30	Platform overload indicator	Platform overload
72	Control box activation key selector-Enable Switch	Left : Platform control box energized Center : De-energizes control system Right : Ground control box energized
106	Platform raising / lowering selector	Move upwards : Platform raises Move downwards : Platform lowers

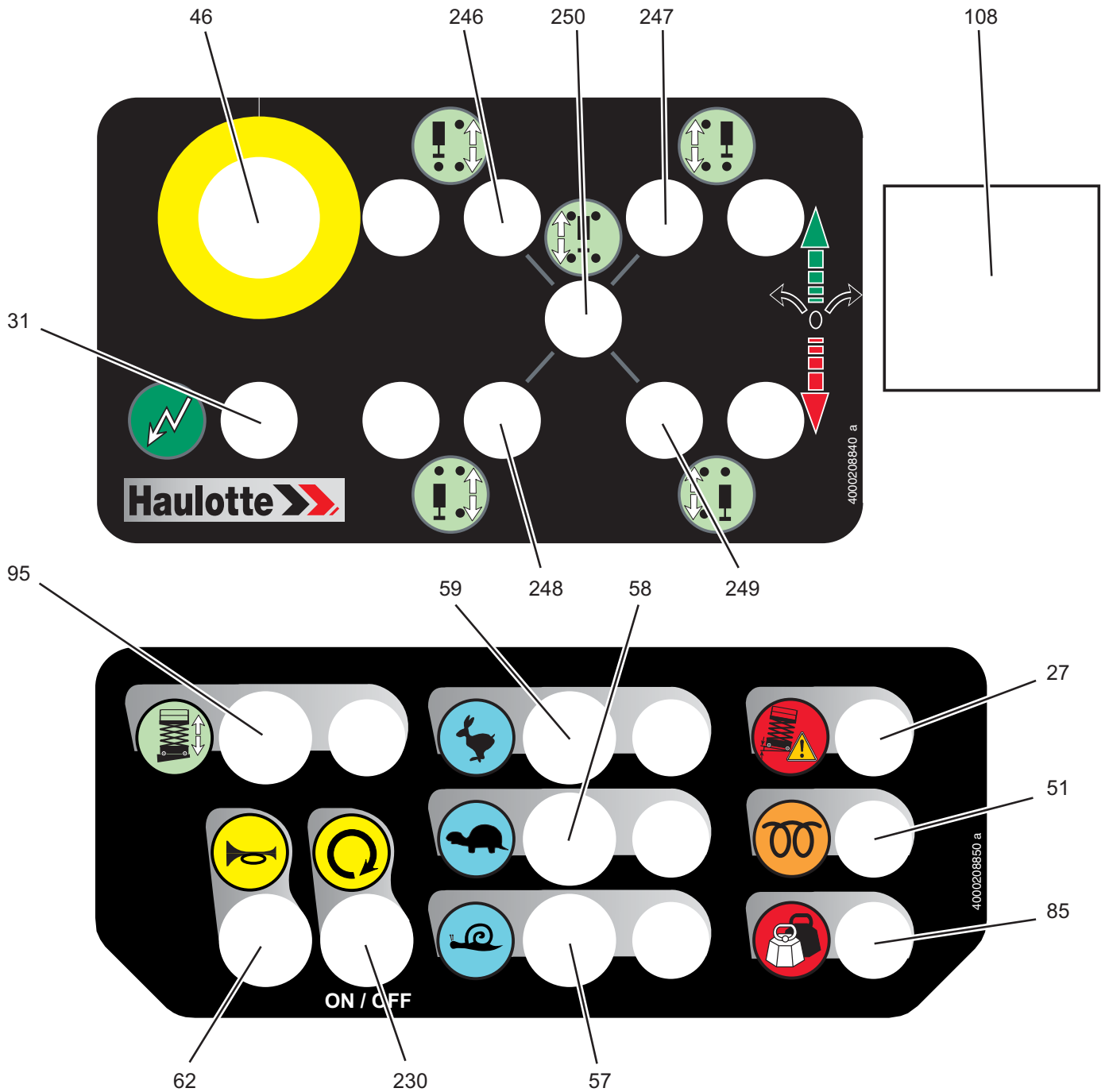
(1.) Perform the required maintenance (see the machine maintenance book)

(2.) For machines fitted with

C - Machine layout

5.2 - PLATFORM CONTROL BOX

General view-Compact 10/12DX (Compact 2668/3368RT)



C - Machine layout

Controls and indicators-Compact 10/12DX (Compact 2668/3368RT)

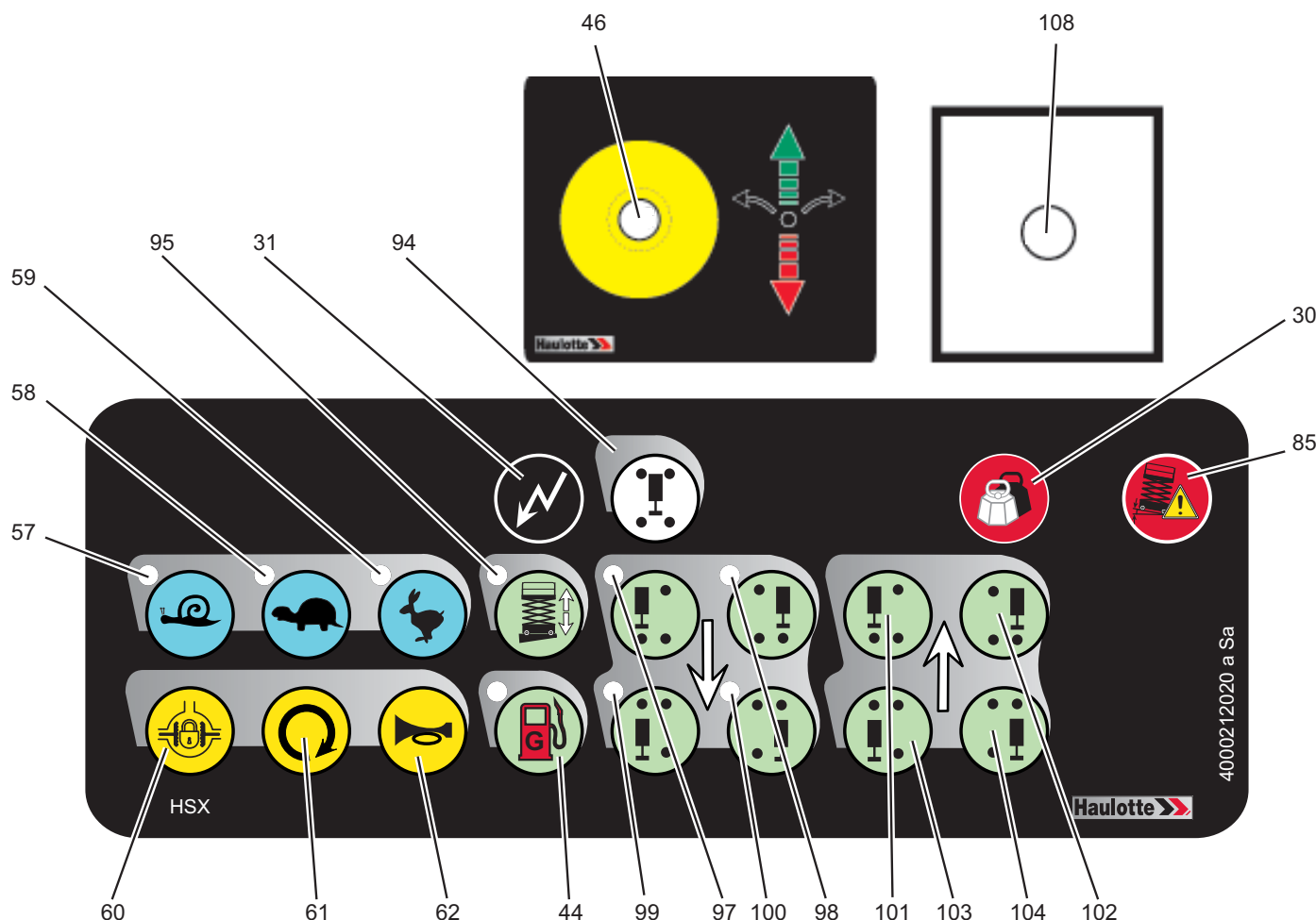
Marking	Description	Function
30	Platform overload indicator	Platform overload
31	Power ON indicator	On : Machine switched on Off : Machine switched off
46	Platform control box E-stop button	Pulled out : Platform control box power supply energized. The emergency push-button on the lower console must be 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	Electric pre-heating indicator	On : Engine in pre-heating mode Off : Engine pre-heated, starting possible
57	Low speed selector	Pressed down (activated and LED on) : Low-speed drive selection (for short distance and final approach)
58	Medium speed selector	Pressed down (activated and LED on) : Medium-drive speed selection (difficult ground, slope)
59	High speed selector	Pressed down (activated and LED on) : High-speed drive selection (for long distance)
62	Horn button	Pressed down (activated) : Horn
85	Fault indicator-Tilt indicator	Flashes if fault and/or tilt
95	Platform raising / lowering selector	Pressed down (activated and LED on) : Platform raising/ lowering selection
108	Movement joystick	Move forward : Forward drive or platform raising Move backwards : Reverse drive or platform lowering
230	Engine start-up selector	Start or stop the engine (depending on the machine's operating status) by pressing the push-button
246	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	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	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	Rear 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

C - Machine layout

Marking	Description	Function
250	Central stabilizer extension/retraction selector	Push the selector downwards to extend the stabilizers : Stabilisers extended and LED lit (continuously: stabilizers extended and braced against the ground; fast flashing: stabilizers extended but not yet braced; slow flashing: stabilizers fully extended by not braced) Push the selector upwards to raise the stabilizers : Stabilizer retraction and corresponding LED off when lowering

C - Machine layout

General view-H12/15/18SX(L) (HS3388/4388/5388RT(XL))



Controls and indicators-H12/15/18SX(L) (HS3388/4388/5388RT(XL))

Marking	Description	Function
30	Platform overload indicator	Platform overload On : Machine switched on Off : Machine switched off
31	Power ON indicator	
44	Fuel selection indicator	G : Petrol/Liquid propane gas or diesel supply
46	E-stop button	Pulled out : Ground control box energized Pushed in : De-energizes control system
57	Low-speed drive selector switch with indicator light	Pressed down (activated and LED on) : Low-speed drive selection (for short distance and final approach)
58	Medium-drive speed selector switch and indicator	Pressed down (activated and LED on) : Medium-drive speed selection (difficult ground, slope)
59	High-speed drive selector switch with indicator light	Pressed down (activated and LED on) : High-speed drive selection (for long distance)
60	Differential lock selector switch	Pressed down (activated) : Differential blocking selection
61	Engine start-up selector	Pressed down (activated) : Starting the engine
62	Horn selector switch	Pressed down (activated) : Horn
85	Fault indicator-Tilt indicator	Flashes if fault and/or tilt
94	Centralized outriggers selector switch	Pressed down (activated) : Automatic stabilizer lowering until the machine is stabilized
95	Platform raising/lowering selector switch and indicator	Pressed down (activated and LED on) : Platform raising/lowering selection

C - Machine layout


Marking	Description	Function
97	Front left stabilizer extension selector switch and indicator	Pressed down (activated) : 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)
98	Front right stabilizer extension selector switch and indicator	Pressed down (activated) : 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)
99	Rear left stabilizer extension selector switch and indicator	Pressed down (activated) : 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)
100	Rear right stabilizer extension selector switch and indicator	Pressed down (activated) : 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)
101	Front left stabilizer retraction selector switch	Pressed down (activated) : Stabilizer retraction and corresponding LED off during lowering 97
102	Front right stabilizer retraction selector switch	Pressed down (activated) : Stabilizer retraction and corresponding LED off during lowering 98
103	Rear left stabilizer retraction selector switch	Pressed down (activated) : Stabilizer retraction and corresponding LED off during lowering 99
104	Rear right stabilizer retraction selector switch	Pressed down (activated) : Stabilizer retraction and corresponding LED off during lowering 100
108	Movement joystick	Move forward : Forward drive or platform raising
		Move backwards : Reverse drive or platform lowering
	Front axle steering selector	Press right side of button : Right-hand steering Press left side of button : Left-hand steering

D - Operating principle

1 - Description

Hydraulic energy to perform machine movements is provided by two pumps powered by a thermal engine.

The controls and the starting of the thermal engine are powered by battery.

To protect the user and the machine, safety systems prevent the operation of the machine beyond its capacities.  Section G Technical specifications

These security systems if activated, immobilize the machine and neutralize the movements.



Poor knowledge of the characteristics and operation of the machine can lead the operator to think that a normal safety operation is a malfunction.

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D - Operating principle

2 - Safety devices

2.1 - ACTIVATION OF CONTROLS

The controls must be validated by a 'Enable Switch' system to activate the different movements.

The 'Enable Switch' system depends on the machine configuration and will consist of one of the following :

- Joystick handle.
- Pedal (foot switch).
- Enable switch.

2.2 - PLATFORM LIFTING

For Russia and the Ukraine only :

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

2.3 - DRIVE SPEED

All driving speeds are authorised when the machine is folded, (machine in transport position).

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



Machine	Transport configuration limit height	
	Mètre	Feet
H12/15/18SX(L) (HS3388/4388/5388RT(XL))	2,80 - 2,90	9 ft 2 in - 9 ft 6 in
COMPACT 10/12DX (COMPACT 2668/3368RT)	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 H15/18SX (HS4388/5388RT) only : As soon as the base reaches 10 m(32 ft10 in) from the ground, driving movements are cut off.

For Russia and the Ukraine 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.

D - Operating principle

2.4 - ANTI-CRUSH SYSTEM WHEN LOWERING

A device alerts people on the ground of a risk of crushing :

- Between the lifting systems.
- Under platform extension.

This device automatically operates between the transport height position limit and the lower position (Refer to Driving speed)

All versions, lowering control from the platform and ground control boxes :

- Slows the downward movement and emits an audible signal.

Standard CE, lowering movement from platform control box :

- At the end of the lowering operation, a 3 (second) automatic delay is initiated before resuming lowering, to avoid the risk of crushing.

2.5 - ON-BOARD ELECTRONICS

The machine is equipped with a specific calculator configured for this machine's functionalities. ➤



Do not interchange the Calculator (calibration restoration) between machines..

2.6 - THERMOSTAT LOCATION / LIMITATION

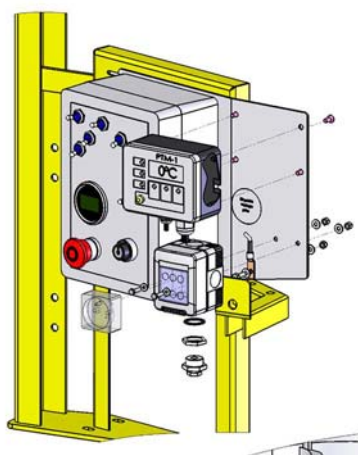
For Russia and the Ukraine only :

Hydraulic energy to perform machine movements is provided by an electric motor driven hydraulic pump. The operating speed of the pump is governed by a speed regulator. If the temperature limits are reached, an audible alarm alerts the operator. All movements are cut off except getting back to transport position.

Temperature limits :

- Electric machines : from 0° to + 40°
- Fuel-powered machines : from - 20° to + 40°

Location of operating temperature thermostat



D - Operating principle

2.7 - DETECTION OF INTERNAL FAULT

N.B.:-The presence of this device depends on the machine configuration.

The defect indicator flashes to indicate an internal malfunction.

The machine switches to downgraded mode.

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



2.8 - AUTOMATIC ENGINE CUT-OUT

The engine automatically cuts out in the following conditions :

- The alternator and/or fan is no longer working.
- Engine temperature is too high.
- Oil pressure is too low.
- The air filter of the engine is clogged.

2.9 - LOAD LIMITING IN THE PLATFORM (IF FITTED)

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

The platform overload indicator and the buzzer warn the operator that the overload condition exists.. .

The purpose of the load limitation on the extension is to make retraction and extension operations which have to be performed manually by the operator possible.



2.10 - CHASSIS TILT

If the machine is located on a slope greater than the permissible slope, the platform control box's fault indicator and the buzzer warn the operator.



Driving is cut (If the machine is unfolded).

To restore the drive function, only movements allowing the machine to be stowed are permitted.

2.11 - DRIVE BUZZER

For Russia and the Ukraine only :

Each travel or lifting movement activates a buzzer (horn).

E - Driving

1 - Recommendations

The manager of the company responsible for the commissioning of the machine must ensure that 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 in compliance with this Operator Manual. All managers who are responsible for persons operating the machine, must be familiar with the 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.

N.B.:-The machine reaches optimum performance (speed of movement, load capacity) when the temperature of the oil in the hydraulic circuit is greater than 10°C. After a prolonged period of disuse at a lower temperature, lifting and lowering the platform several times without any load and performing a few translation movements is enough to restore the machine's nominal performances.

E - Driving

2 - Checks before use

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

Any repairs required must be performed before the machine is used, its correct operation depends on it.



Find all the function indicators and controls in  Section C 5 - Control boxes

2.1 - VISUAL INSPECTIONS

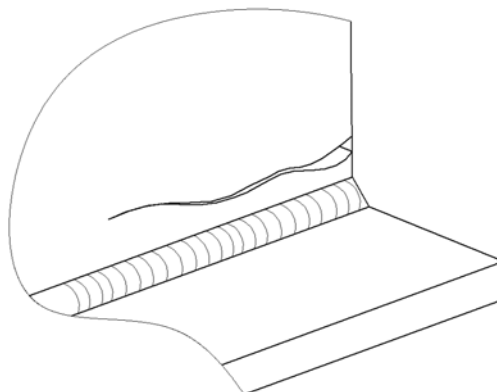
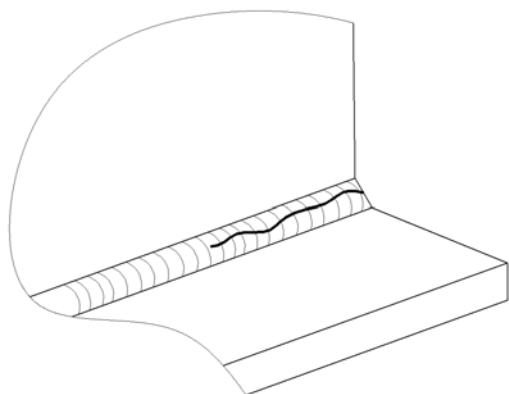
2.1.1 - General mechanical functions

For all the following checks, ensure that the machine is switched off.

Check the following points :

- The presence of the identification plate, decals and operator manual :
 - Their state of cleanliness and visibility.
 - Clean or replace if necessary.
- Visual state of the machine :
 - No leaks (battery acid, hydraulic oil, etc.). No foreign objects on all surfaces. Call the staff in charge of the maintenance if necessary.
 - No missing or loose parts (bolts, nuts, connectors, cables, etc.). Refer to the "tightening torques" table quoted in the Maintenance Book.
 - No cracks, broken weld, paint chipped. No deformations or other anomalies on the structure's parts.


Example



E - Driving

- Cylinders' state :
 - No leaks. Refer to the Maintenance manual.
 - No rust and abrasions on the cylinder rod.
 - No foreign objects on all surfaces.
- Steering system's state : wheels, reducers, brakes and tires/tyres :
 - No cracks, distortions, damaged paint or other faults
 - No missing or loose bolts. Refer to the "tightening torques" table quoted in the Maintenance Book.
 - Condition of the tires / tyres (cuts, excessive wear, etc.).
- Status of the control boxes :
 - No damage.
 - Back to neutral for all joysticks, selectors, etc..
 - Presence and readability of the control box decals.
- Movement, safety limit switches :
 - No damage.
 - No missing or loose bolts. Refer to the "tightening torques" table quoted in the Maintenance Book.
 - No foreign objects on all surfaces.
- The state and connection of the electric wires and cables :
 - No damage, wear marks or other faults.
 - No contact between connectors.
- State of the hydraulic unit and pump :
 - No leaks.
 - No missing or loose parts (bolts, nuts, connectors, cables, etc.).
 - Hydraulic oil filter. Refer to the Maintenance manual.





E - Driving

- State of the structure's parts : Arm, platform :
 - No cracks, damaged paint.
 - No distortion in metal components or visible damage.
 - No foreign objects between arms.
 - Guardrails are present and locked in place.
 - Presence and check the original position of the platform control box sliding bar.
- Brake release components :
 - No leaks.
 - No cracks, damaged or missing parts.
 - Brake release tap is screwed in completely.  Section F 2.1 Manual brake release
- State of the tanks :
 - No leaks.
 - No missing or loose parts (bolts, nuts, connectors, cables, etc.). Top up the oil level, if necessary (Machine in transport position).
 - Sufficient fuel level.

2.1.2 - Environment

 Section A -Safety precautions.

Check the following points :

- Wind speed ( Section G 1-Main characteristics).
- The permissible ground pressure and loading on the machine supporting surface ( Section G 1-Main characteristics).
- The maximum permissible load in the platform ( Section G 1-Main characteristics).
- The maximum permissible lateral force allowed at the platform ( Section G 1-Main characteristics).

E - Driving

2.2 - FUNCTIONAL TESTS

2.2.1 - Safety features

Features to be tested :

- Operation of the upper and lower E-stop buttons.
- Operation of the tilt sensor.
- Visual and audible alarms.
- Platform load management system (Where fitted).

For functional test procedures refer to (Section E 3.1-Test procedure).

2.2.2 - Ground box controls (emergency station)

Refer to the corresponding operations to test the controls in the order mentioned (Section E 3.2-Operation from ground position).

Compact 10/12DX (Compact 2668/3368RT)

Step	Control
1	Movements : Platform raising / lowering(106)
2	Engine start-up selector(123)-Move upwards.
3	'Enable Switch' selector(123)-Move downwards.
4	Beacon light on/off(24)
5	Control box activation key selector(72)


H12/15/18SX(L) (HS3388/4388/5388RT(XL))

Step	Control
1	Movements : Platform raising / lowering(106)
2	Engine start-up selector(22)
3	Beacon light on/off(24)
4	Control box activation key selector-Enable Switch(72)



E - Driving

2.2.3 - Platform box controls (driving station)

Refer to the corresponding operations to test the controls in the order mentioned ( Section E 3.3-Operations from the platform).

Compact 10/12DX (Compact 2668/3368RT)

Step	Control
1	Movements : Platform raising / lowering (95)
2	Driving and steering (108)
3	Engine start-up selector (230)
4	Drive speed selector : <ul style="list-style-type: none"> • Low speed selector (57) • Medium speed selector (58) • High speed selector (59)
5	Central stabilizer extension/retraction selector (250)
6	<ul style="list-style-type: none"> • Front left stabilizer extension/retraction selector (246) • Front right stabilizer extension/retraction selector (247) • Rear left stabilizer extension/retraction selector (248) • Rear right stabilizer extension/retraction (249)
7	Horn button (62)

H12/15/18SX(L) (HS3388/4388/5388RT(XL))

Step	Control
1	Movements : Platform raising / lowering (95)
2	Driving and steering (108)
3	Engine start-up selector (61)
4	Touch pads and driving speed indicator : <ul style="list-style-type: none"> • Low speed selector (57) • Medium speed selector (58) • High speed selector (59)
5	Centralized outriggers selector switch (94)
6	Touch pads and stabilizer extension indicator : <ul style="list-style-type: none"> • Front left (97) • Front right (98) • Rear left (99) • Rear right (100)
7	Touch pads and stabilizer retraction indicator : <ul style="list-style-type: none"> • Front left (101) • Front right (102) • Rear left (103) • Rear right (104)
8	Platform raising/lowering selector switch and indicator (95)
9	Differential lock selector switch (60)
10	Horn selector switch (62)


E - Driving

2.3 - PERIODICAL CHECKS

The machine must be inspected on a regular basis at intervals in accordance with the requirements set forth in the Country of use but no less than once per year. The purpose of the inspection is to detect any defect which could lead to an accident during routine use of the machine.

These inspections must be carried out by a competent company or person whose selection is under the responsibility of the manager (Company employee or other).

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 company safety committee at any time.

N.B.:-  Section H Intervention register

2.4 - REPAIRS AND ADJUSTMENTS

Extensive repairs, interventions or adjustments on the safety systems or elements must be performed by a HAULOTTE Services® employee or a HAULOTTE Services®-approved employee with HAULOTTE Services® training, using original spare parts only.

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.

HAULOTTE Services® will not take responsibility for any consequential outcomes resulting from inferior services/repairs carried out by others.

HAULOTTE advises you that NO modifications carried out without the written permission of HAULOTTE® will void the HAULOTTE warranty..

2.5 - INSPECTION / TESTING REQUIREMENTS

Intervention to be made after :

- Extensive dismantling and reassembly.
- Repairs involving the machine's essential components.
- Any accident causing stress to the machine.

Perform a fitness for function inspection, a condition inspection and static and dynamic tests (Consult the After-Sales Service HAULOTTE Services®).

E - Driving

3 - Operation

N.B.: - The functions are described for the entire range. Refer to the machine model to identify the controls and functions indicators.



Find all the function indicators and controls in  Section C 5 - Control boxes

N.B.: - Using unsuitable fuel may cause diminished performance, difficulties starting, excessive pollution and premature wear. To establish the type of fuel suitable for the engine fitted on your HAULOTTE® machine, please refer to the engine manufacturer's manual. The engine may not be covered by the warranty in case of damage caused by using unsuitable fuel.

3.1 - TEST PROCEDURE

3.1.1 - E-stop button operation

Ground control box E-stop button

Step	Action
1	Pull the E-stop buttons(15, 46).
2	Turn the key of the control box activation selector (72) to the right to energize the ground control box. The indicators light up.
3	Push the E-stop button (15). The battery charge (4) and engine oil pressure (2) indicators remain lit.

Platform control box E-stop button

Step	Action
1	Pull the E-stop buttons(15, 46).
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 E-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.


E - Driving

3.1.2 - Tilt sensor switch operation



Machine unfolded, the slope sensor gives an audible signal telling the operator that the machine should not be deployed. In this case, fully lower the platform and reposition the machine on level ground before raising the platform again.

N.B.: - Depending on your machine configuration, outside assistance may be necessary in order to carry out this operation.

1. Pull the E-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 ( Section C 2-Main components) :
5. The audible beep sounds.
6. For machines fitted with : The slope sensor prevents lifting and driving movements.

3.1.3 - Visual and sound alarms

1. Pull the E-stop buttons (15, 46).
2. Select the upper console (72). The indicator (31) at the platform control box lights up, and there is an audible signal (beep).

3.1.4 - Weighing system

1. Pull the E-stop buttons (15, 46).
2. Select the upper console (72). Platform control box overload indicator (85 : Compact / 30 : HSX(L)) flashes.

E - Driving

3.2 - OPERATION FROM GROUND POSITION



The ground control box is an auxiliary control box to use in emergencies only.

3.2.1 - Machine start-up

1. Pull the E-stop button (15).
2. Turn the key of the control box activation selector (72) to the right to energize the ground control box. The following indicators light up :
 - Electrical pre-heating (1).
 - Engine oil pressure (2).
 - Engine temperature (3).
 - Battery charge (4).
3. For HSX(L) : The clogged air filter indicator (5) is switched off.
4. For HSX(L) : Press the starter push-button (22). For Compact DX : Push the selector upwards (123). The engine starts. The indicator goes out.
5. Let the engine heat up.

3.2.2 - Machine shutdown

- Turn the control box activation selector (72) key to the center.
- The machine is shut down. The power to the machine is switched off, all the indicators on the lower console are off.

3.2.3 - Movement control

- For Compact 10/12DX (Compact 2668/3368RT) :

N.B.:- Activate the controls and the 'Enable Switch' system simultaneously to perform the various movements.

Ground box controls (emergency station)


Control	Action
Platform raising/ lowering selection	<p>Platform raises :</p> <ul style="list-style-type: none"> • Push the console activation selector (72) to the right. • Push the "Dead man" selector (123) downwards and the platform raising and lower selector (106) upwards simultaneously. <hr/> <p>Platform lowers :</p> <ul style="list-style-type: none"> • Push the console activation selector (72) to the right. • Push the "Dead man" selector (123) and the platform raising and lowering selector (106) downwards simultaneously.

N.B.:- Either the selector button or speed selector paddle are released, movement stops.

E - Driving

- For H12/15/18SX(L) (HS3388/4388/5388RT(XL)) :

Ground box controls (emergency station)

Control	Action
Platform raising/ lowering selection 	Platform raises : <ul style="list-style-type: none"> • Push the console activation selector (72) to the right and hold. • Push the platform raising / lowering selector (106) upwards to raise the platform. <hr/> Platform lowers : <ul style="list-style-type: none"> • Push the console activation selector (72) to the right and hold. • Press the platform raising / lowering selector (106) downwards to lower the platform.

N.B.:- Either the selector button or speed selector paddle are released, movement stops.

3.2.4 - Other controls

- Switching from the ground control box to the platform control box :



The E-stop button (15) must be pulled out.

- Turn the key on the control box activation selector switch (72) to the left to energize the platform control box. The ground box controls are de-energized.

- Switching from the platform control box to the ground control box :



The E-stop button (15) must be pulled out.

- Turn the key of the control box activation selector (72) to the right to energize the ground control box. The platform box controls are de-energized.

- 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.

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E - Driving

3.3 - OPERATIONS FROM THE PLATFORM

3.3.1 - Machine shutdown

For Compact : Press on the start/stop engine selector (230).

For HSX(L) : Push in the E-stop button (46).

3.3.2 - Movement control







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

Platform box controls (driving station) Compact 10/12DX (Compact 2668/3368RT)

Control	Action
Driving 	Set the driving speed selector to : <ul style="list-style-type: none"> • Low speed (57) • Medium (58) • Fast speed (59) Move the drive joystick (108) forwards to drive the machine forwards. <hr/> Set the driving speed selector to : <ul style="list-style-type: none"> • Low speed (57) • Medium (58) • Fast speed (59) Move the drive joystick (108) backwards to drive in reverse.
Steering 	Move the drive joystick (108) forwards to drive the machine forwards. Push the front-axle steering selector thumb switch (108) to the right to steer to the right. <hr/> Move the drive joystick (108) forwards to drive the machine forwards. Push the front-axle steering selector thumb switch (108) to the left to steer to the left.
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. <hr/> Press the platform raising / lowering selector (95) downwards to lower the platform. Push the movement joystick (108) backwards to lower the platform.
Drive speed (minimum) 	Set the drive speed selector switch (59) to for high-speed driving (long distance driving, tarmac, concrete). <hr/> Position the driving speed selector (58) on for medium speed driving (crossing uneven ground, slope). <hr/> Position the driving speed selector (57) on for low-speed driving (short distance, final approach, unloading from lorries/trucks).
Stabilizer extension/retraction 	Push the central stabilizer extension/retraction selector (250) downwards until the machine is stable (LED lit). <hr/> Push the central stabilizer extension/retraction selector (250) upwards until the stabilizers are fully retracted (LED off).

E - Driving

Control		Action
Front left stabilizer extension/retraction		<p>Push the front left stabilizer extension/retraction selector (246) downwards until the stabilizer is braced against the ground (LED lit).</p> <p>Push the front left stabilizer extension/retraction selector (246) upwards until the stabilizer is fully retracted (LED off).</p>
Front right stabilizer extension/retraction		<p>Push the front right stabilizer extension/retraction selector (247) downwards until the stabilizer is braced against the ground (LED lit).</p> <p>Push the front right stabilizer extension/retraction selector (247) upwards until the stabilizer is fully retracted (LED off).</p>
Rear left stabilizer extension/retraction		<p>Push the rear left stabilizer extension/retraction selector (248) downwards until the stabilizer is braced against the ground (LED lit).</p> <p>Push the rear left stabilizer extension/retraction selector (248) upwards until the stabilizer is fully retracted (LED off).</p>
Rear right stabilizer extension/retraction		<p>Push the rear right stabilizer extension/retraction selector (249) downwards until the stabilizer is braced against the ground (LED lit).</p> <p>Push the rear right stabilizer extension/retraction selector (249) upwards until the stabilizer is fully retracted (LED off).</p>

N.B.:- The release of the selectors and (or) joysticks causes all movement to stop.

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E - Driving

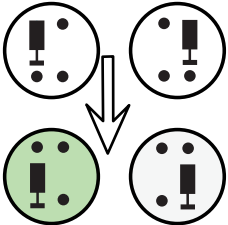
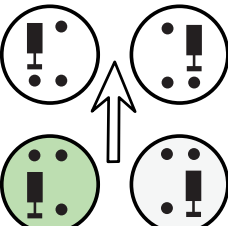
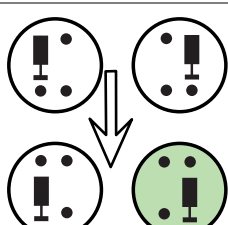
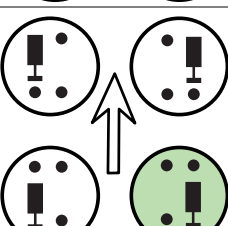
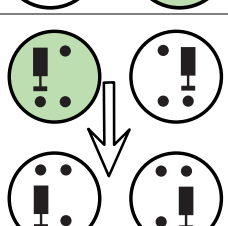
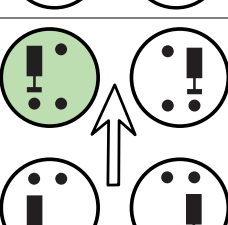


Activate the controls and the 'Enable Switch' system simultaneously to perform the various movements. Except for stabilizing movements.

Platform box controls (driving station) H12/15/18SX(L) (HS3388/4388/5388RT(XL))

Control	Action
Driving 	Set the driving speed selector to : <ul style="list-style-type: none"> • Low speed (57) • Medium (58) • Fast speed (59) Move the drive joystick (108) forwards to drive the machine forwards. <hr/> Set the driving speed selector to : <ul style="list-style-type: none"> • Low speed (57) • Medium (58) • Fast speed (59) Move the drive joystick (108) backwards to drive in reverse.
Steering 	Move the drive joystick (108) forwards to drive the machine forwards. Push the front-axle steering selector thumb switch (108) to the right to steer to the right. <hr/> Move the drive joystick (108) forwards to drive the machine forwards. Push the front-axle steering selector thumb switch (108) to the left to steer to the left.
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. <hr/> Press the platform raising / lowering selector (95) downwards to lower the platform. Push the movement joystick (108) backwards to lower the platform.
Drive speed (minimum) 	Set the drive speed selector switch (59) to for high-speed driving (long distance driving, tarmac, concrete). <hr/> Position the driving speed selector (58) on for medium speed driving (crossing uneven ground, slope). <hr/> Position the driving speed selector (57) on for low-speed driving (short distance, final approach, unloading from lorries/trucks).
Centralised stabilizer 	Push the centralised outriggers touch pads (94) until the machine is stabilized (LED on)

E - Driving

Control	Action
<p>Front left stabilizer extension/retraction</p> 	<p>Push the touch pads (97) until the front left stabilizer is set against the ground (LED on).</p>
	<p>Push the touch pads (101) until the front left stabilizer is totally retracted (LED off).</p>
<p>Front right stabilizer extension/retraction</p> 	<p>Push the touch pads (98) until the front right stabilizer is set against the ground (LED on).</p>
	<p>Push the touch pads (102) until the front right stabilizer is totally retracted (LED off).</p>
<p>Rear left stabilizer extension/retraction</p> 	<p>Push the touch pads (99) until the rear left stabilizer is set against the ground (LED on).</p>
	<p>Push the touch pads (103) until the rear left stabilizer is totally retracted (LED off).</p>

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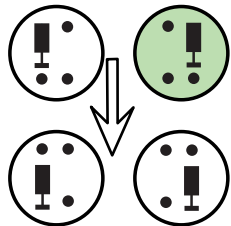
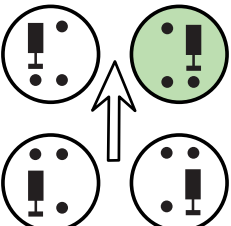
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E - Driving

Control	Action
Rear right stabilizer extension/retraction	 <p>Push the touch pads (100) until the rear right stabilizer is set against the ground (LED on).</p>
	 <p>Push the touch pads (104) until the rear right stabilizer is totally retracted (LED off).</p>

N.B.: - The release of the selectors and (or) joysticks causes all movement to stop.

3.3.3 - Other controls

- Horn : Press the Horn switch (62) to sound the horn.

N.B.: - The horn function is disabled if the emergency stop is activated.

- For HSX(L) : Differential lock : Press the differential blocking touch pads (60).

F - Special procedure



Find all the function indicators and controls in  Section C 5 - Control boxes

1 - Emergency lowering

1.1 - PRINCIPLE

N.B.: - During emergency manoeuvres controlled from the ground with extension out, it is essential to ensure that there is no obstacle under the platform (wall, beam, electric line, etc).


Emergency lowering is implemented if the operator using the console on the platform needs to be rescued and cannot operate the controls himself even if the machine is operating normally. This situation may arise if the operator is taken ill, is injured or if the control console is inaccessible.

A ground operator trained in using the emergency controls and in possession of the starter key can use the ground control box with the main power source to lower the platform operator.



If the machine is stuck or hooked in surrounding structures or equipment, it is essential to release the operators before intervening on the machine.

1.2 - PROCEDURE

 Section A 2-Pre-operation instructions

1. Turn the key of the control box activation selector (72) to the right to energize the ground control box. The platform box controls are de-energized.
2. Lower the platform from the ground control box.

N.B.: - Activating the emergency controls listed above deactivates the controls of the console on the platform.

F

- Special procedure

1.3 - EXTRAORDINARY PROCEDURE

In the context of emergency lowering, it is possible that the emergency stop located on the platform is activated or that safety mechanisms such as the overload limiter are preventing the machine from operating normally.

During an exceptional procedure, for machines which are not fitted with the manual rescue control as described in the "emergency lowering" paragraph, activating the lower console deactivates the emergency pushbutton located on the platform.


***N.B.**:-During these exceptional manoeuvres, movements are slowed down for safety reasons.*

For Compact 10/12DX (Compact 2668/3368RT) : ONLY in these conditions, activate the "overriding system" switch (245) located under the cover and simultaneously press the platform lowering button until the safety mechanisms are deactivated (alarms stop) and therefore normal movements are possible again, or until the operator can be rescued.

"Overriding system" switch under cover



Once rescue operations are complete, write an incident report.

For H12/15/18SX(L) (HS3388/4388/5388RT(XL)) :  1.2 - Procedure

F - Special procedure

2 - Lowering for repairs

2.1 - PRINCIPLE

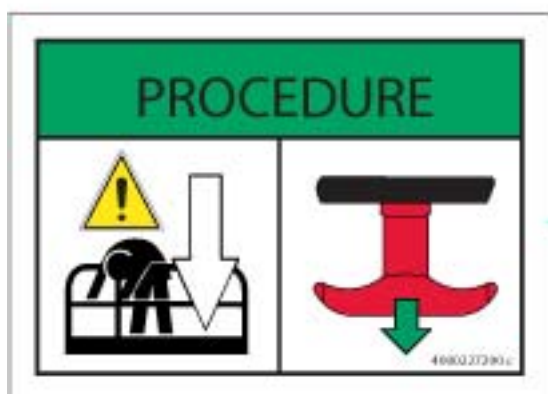
If an operating problem prevents the user on the platform from descending, a competent operator can do this from the chassis.

2.2 - PROCEDURE

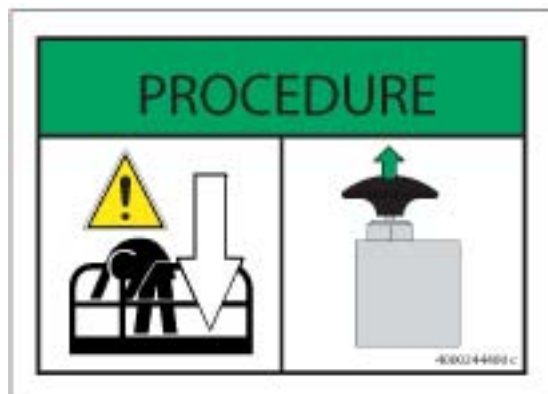
N.B.:-During emergency manoeuvres controlled from the ground with extension out, it is essential to ensure that there is no obstacle under the platform (wall, beam, electric line, etc).

Pull T-handle for emergency lowering

H12SX (HS3388RT) - H15SX (HS4388RT) - H12SXL (HS3388RTL) - H15SXL (HS4388RTL)

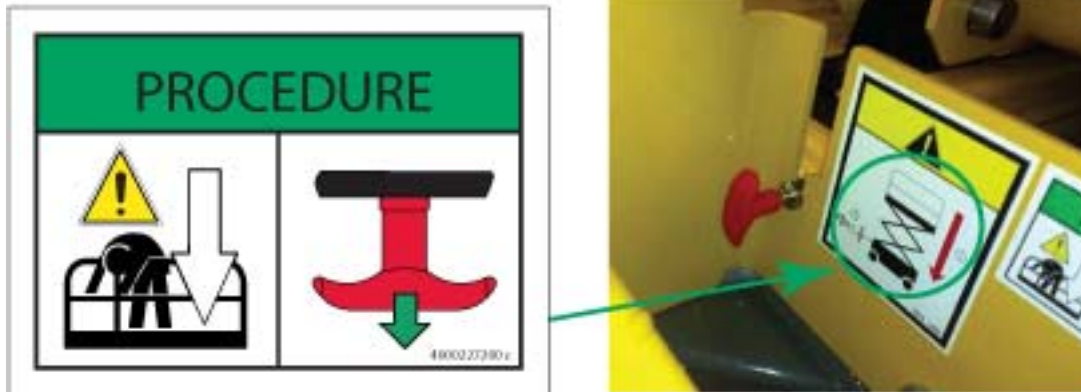


H18SX (HS5388RT) - H18SXL (HS5388RTL)



F - Special procedure

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



- A manual controller, located behind the access ladder, behind the machine, is used to lower the cradle (or platform).
- Pull the manual controller (identified using the decal).
- Release it to halt lowering.



Once rescue operations are complete, write an incident report.



If the operator in the platform has to exit the platform when elevated, he must exit onto a sturdy, safe structure, the transfer must respect the following recommendations :

- The operator must secure himself by using 2 straps. One lanyard is attached to the platform, the other to the structure onto which he wishes to exit.
- The operator must exit the platform via the standard access point.
- The operator must not detach the lanyard connected to the platform until transfer is complete or while the transfer still presents a danger.



If the operator cannot be lowered by any of the above mentioned methods, contact HAULOTTE Services® immediately.

F - Special procedure

3 - Towing

In case of a machine failure, it is possible to tow it to load it onto a trailer.

3.1 - DISENGAGING THE DRIVE HUBS

To tow a broken-down machine, disconnect the wheel drive hubs.



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.

For : H12SX (HS3388RT) - H15SX (HS4388RT) - H12SXL (HS3388RTXL) - H15SXL (HS4388RTXL)

Unscrew the 2 nuts with an 11 mm spanner.



Turn the part and screw it back on.



The gears are released.



For : H18SX (HS5388RT) - H18SXL (HS5388RTXL)

Unscrew the central nut (1) until the nut is at the limit.



F

- Special procedure

3.2 - BRAKE RELEASE

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

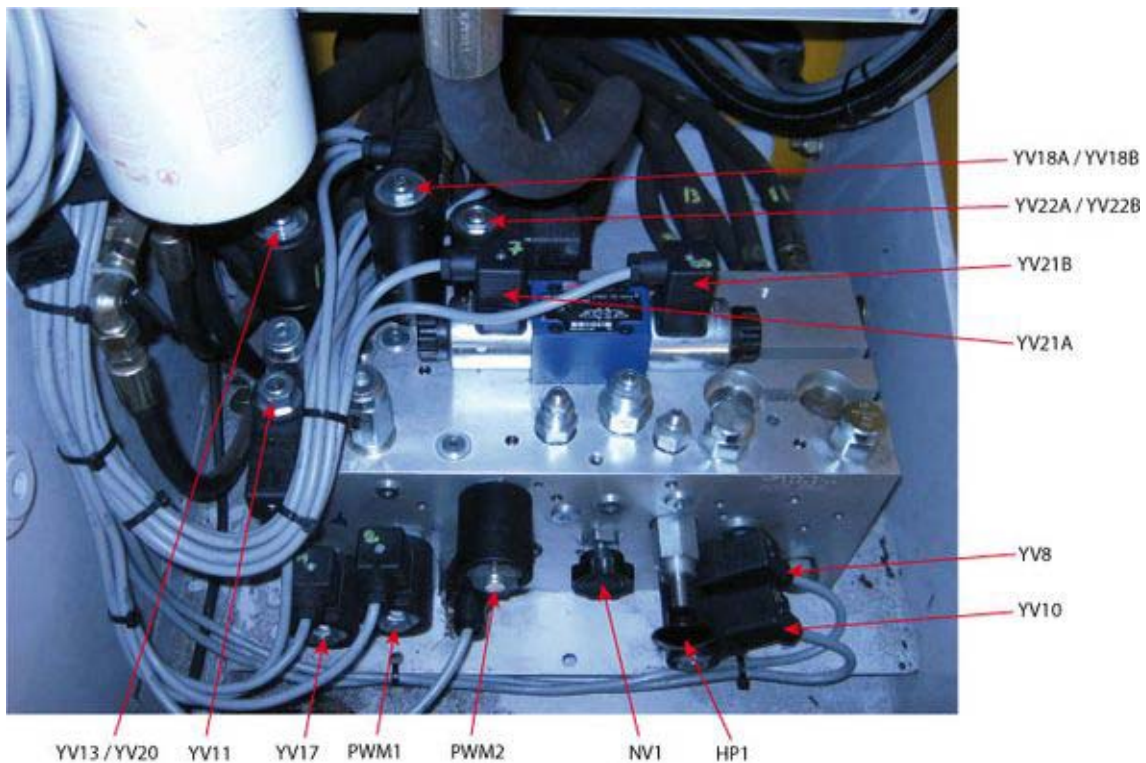


Perform these operations on flat, horizontal ground. Failing that, block the wheels to immobilize the machine. When drive hubs are disengaged, the machine is in free wheel mode and the brake system no longer functions.

For Compact 10/12DX (Compact 2668/3368RT) :

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) .

F

- Special procedure

3.3 - RE-ENGAGING THE DRIVE HUBS

After repairing the machine, re-engage the wheel drive hubs.

For H12SX (HS3388RT) - H15SX (HS4388RT) - H12SXL (HS3388RTXL) - H15SXL (HS4388RTXL)

Perform in reverse order to the drive hub disengaging procedure.

For H18SX (HS5388RT) - H18SXL (HS5388RTXL)

- Machine with outriggers
 1. Stabilize the machine.
 2. Screw the central nut up again to engage the internal gear.
 3. Turn the wheel to line up the gear teeth in case of resistance.
 4. Screw the central nut up completely when the once the drive gear has commenced to engage.
- Machine without stabilizers
 5. Screw the central nut up again to engage the internal gear.
 6. Engage the driving gear slowly in case of resistance.
 7. Screw the central nut up completely when the once the drive gear has commenced to engage.

F

- Special procedure

4 - Loading and unloading

4.1 - PRINCIPLE



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.

4.1.1 - 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.

F - Special procedure

Procedure for the use of slings - Compact 10DX (Compact 2668RT) - Compact 12DX (Compact 3368RT)



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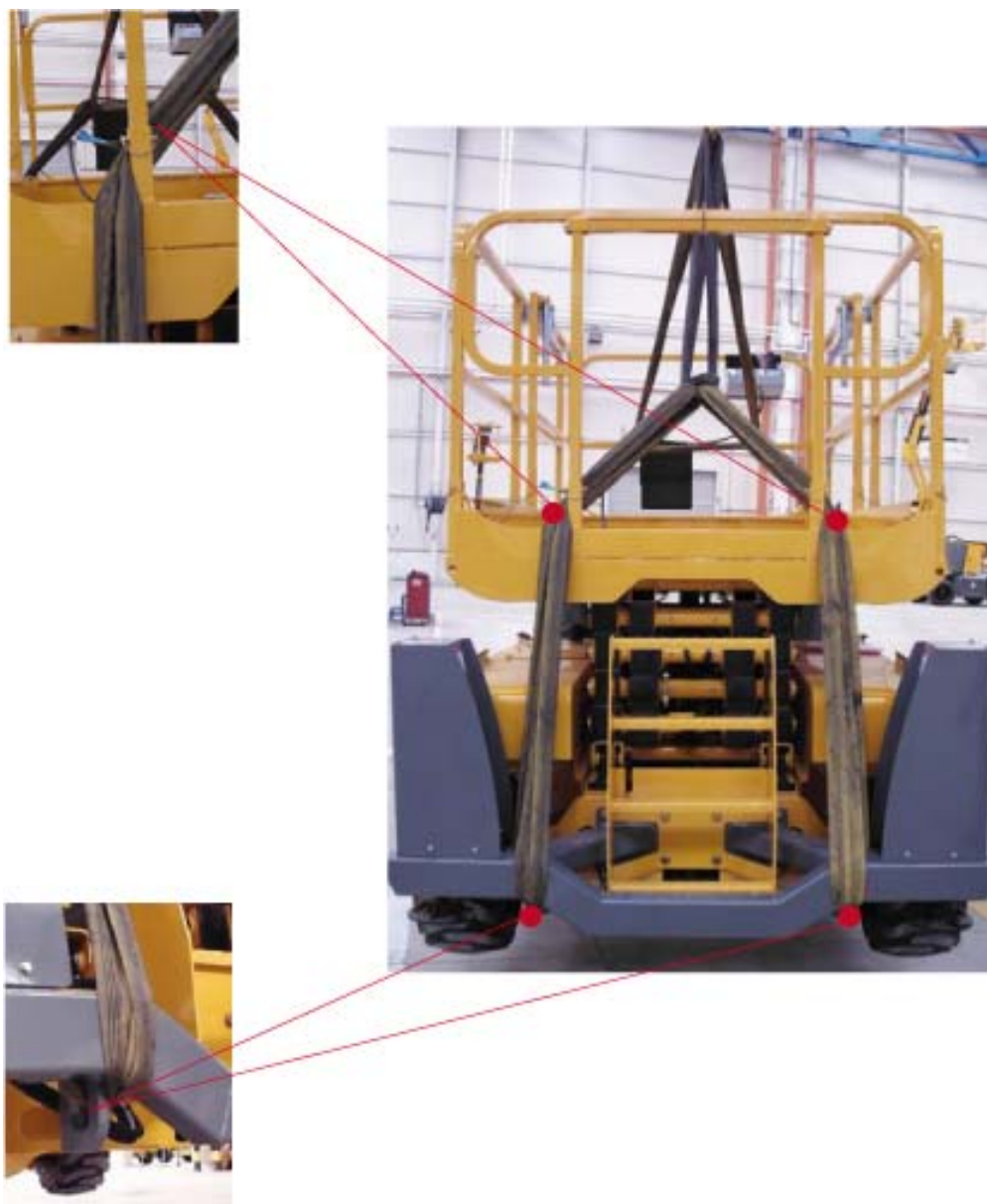
- Special procedure

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



F - Special procedure

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(13 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.

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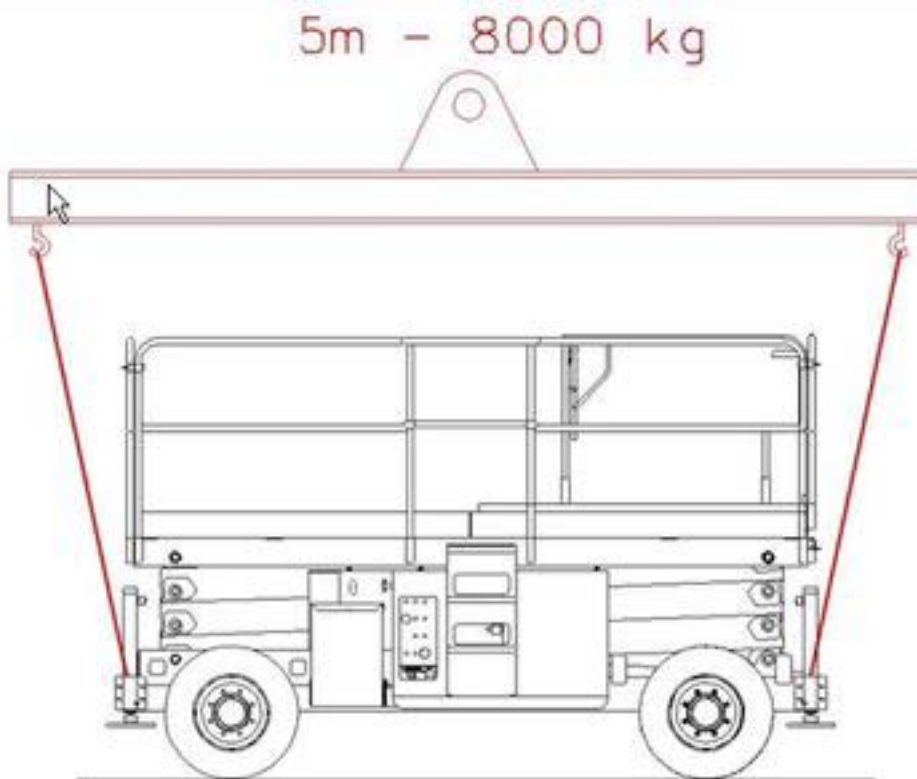
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F - Special procedure

Procedure for the use of slings - H12SX (HS3388RT) - H15SX (HS4388RT) - H18SX (HS5388RT)



Load distribution

	H12SX (HS3388RT)	H15SX (HS4388RT)	H18SX (HS5388RT)
Total weight	5520 kg(12172 lb)	6270 kg(13825 lb)	7250 kg(15986 lb)
Front axle load	2810 daN (6182 lbs)	2970 daN (6534 lbs)	3450 daN (7590 lbs)
Rear axle load	2710 daN (5962 lbs)	3300 daN (7260 lbs)	3800 daN (8360 lbs)
Left side load	2910 daN (6402 lbs)	3290 daN (7238 lbs)	3780 daN (8316 lbs)
Right side load	2610 daN (5742 lbs)	2980 daN (6556 lbs)	3470 daN (7634 lbs)




The load distribution ensures stability when lifting.

F - Special procedure

4.1.2 - Lifting operation

When loading/unloading, if it is necessary to raise the machine using a crane, it is important to comply with the following :

- The technician should take all steps to protect themselves or others against all risks of injury connected with this operation.
- The technician should ensure they have the PPE (personal protective equipment) suitable for the job and the particular conditions of environment in which the material can be found (see safety information specific to the operation site).
- Position the machine on a flat and firm surface, clear of obstructions (beware of power lines).
- Switch off the ignition, remove the ignition key, activate the battery power.
- Put a "DO NOT USE" decal near the start/stop button to inform personnel that work is currently in progress on the equipment.
- Mark out the work area.
- Ensure the platform is empty.
- The pressure in the hydraulic system is very important. It can cause accidents. Relieve the pressure before beginning any work and never search for oil leaks using your hands.
- Beware of the risk of burns; the hydraulic system operates at high temperatures.
- Engine exhaust gases contain harmful products of combustion. Always start and run the engine in a well-ventilated area. In a closed room, ensure the exhaust gases are evacuated to the outside.
- 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 chains/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.

Machine type	Maximum weight
H12SX (HS3388RT)	5510 kg (12150 lb)
H12SXL (HS3388RTXL)	5700 kg (12569 lb)
H15SX (HS4388RT)	6340 kg (13980 lb)
H15SXL (HS4388RTXL)	6530 kg (14399 lb)
H18SX (HS5388RT)	7300 kg (16097 lb)
H18SXL (HS5388RTXL)	7490 kg (16515 lb)

F

- Special procedure

Procedure for the use of slings HSX (HSRT) - HSXL (HSRTXL)



The machine must be fully folded, with platform extensions retracted and locked.



The spreader beams must be perpendicular to the chassis.

Attach 4 shackles 8 T with the straps 4 m (13 ft 1 in) 8 T to the 4 chassis rings.



Attach the slings using shackles.



Ensure that the shackles are correctly locked.



The strap should be held in the position shown below when tensioning in order to prevent damage to the beam of the upper console.



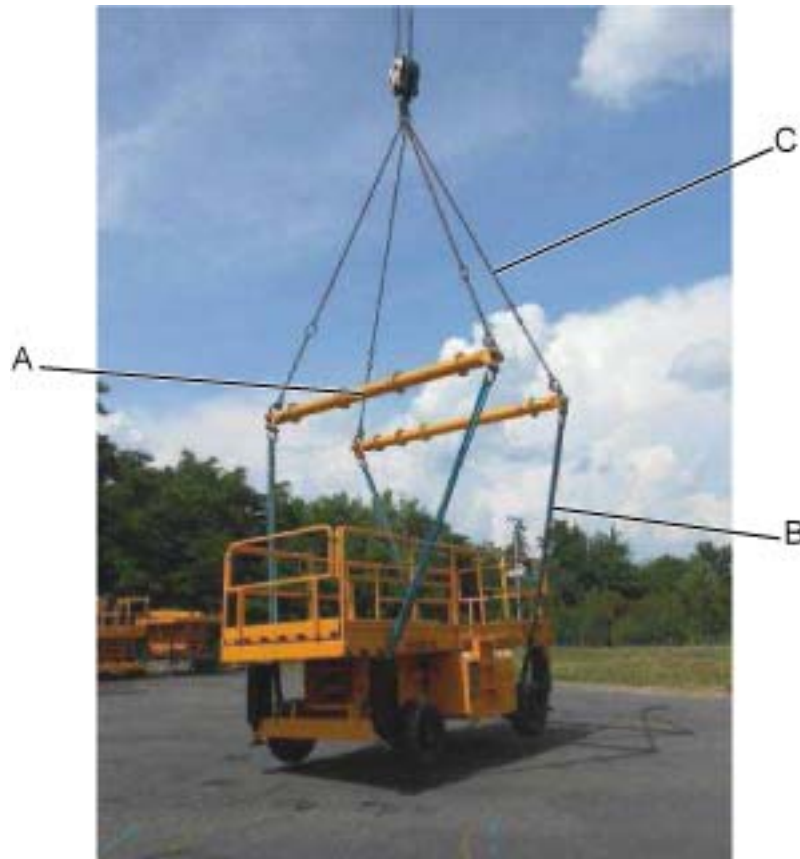
Check that the rings do not catch on the ground jacks and the platform.



F - Special procedure



The machine must be handled very slowly.



Marking	Description
A	2 spreaders 4 m (13 ft 1 in) 10 T at 90 ° to the axis of the chassis
B	4 straps 4 m (13 ft 1 in) 8 T and 8 shackles 8 T between the machine and the spreader bars
C	4 slings 6 m (19 ft 8 in) 8 T and 4 shackles 8 T between the spreader beams and the crane

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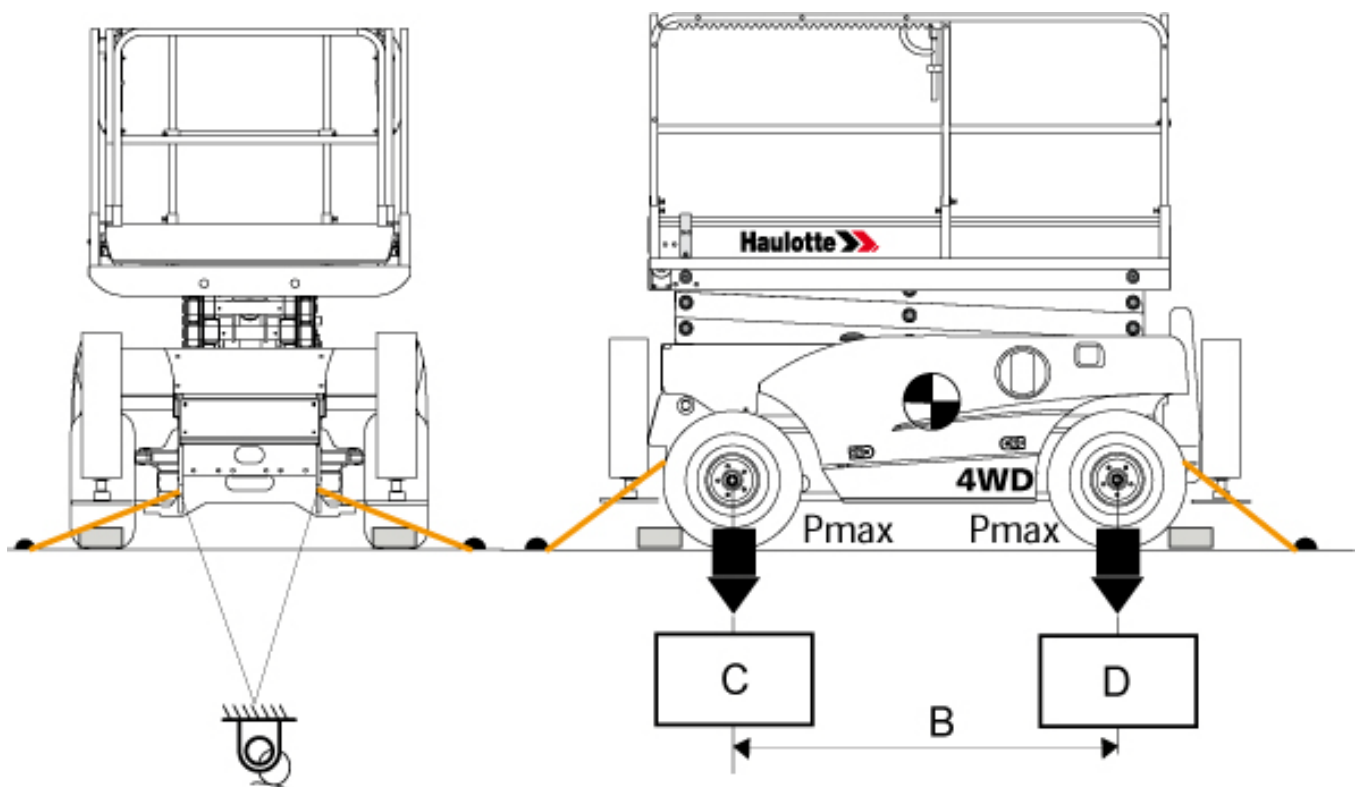
- Special procedure

4.2 - PUTTING IN TRANSPORT POSITION

The machine must be completely stowed.

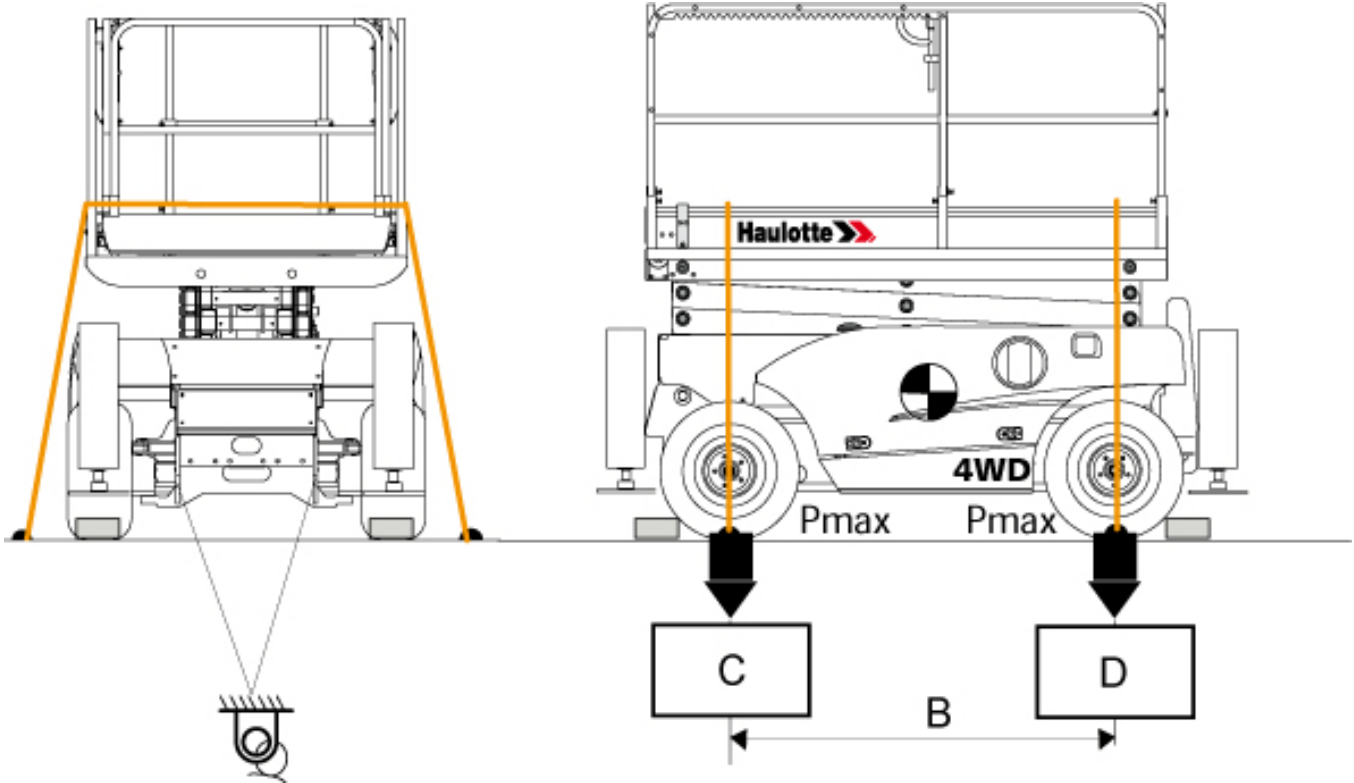
1. Check the platform is completely empty.
2. Secure the machine to the tie down points provided.
3. The guardrails must be locked and/or folded back.
4. Extensions must be locked and maintained with straps.

For Compact 10/12DX (Compact 2668/3368RT)

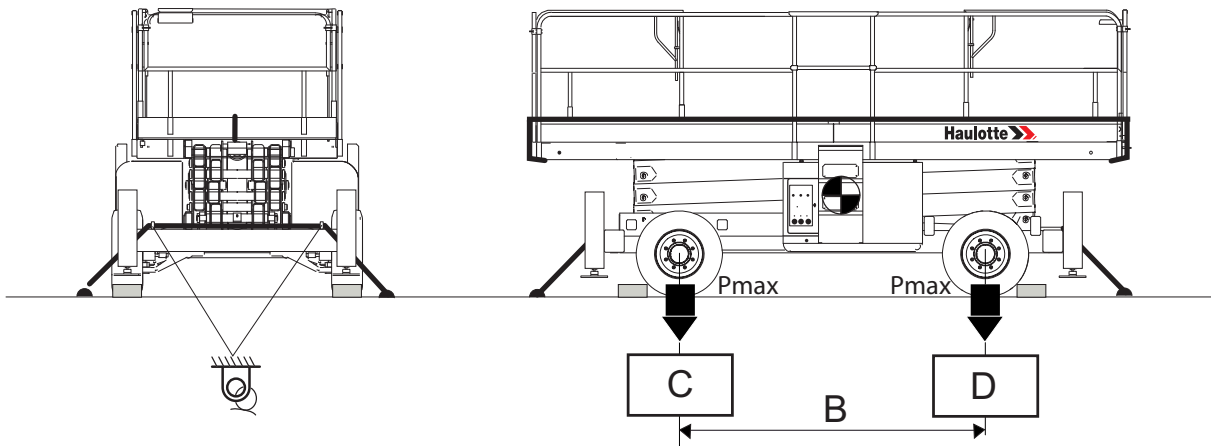


F - Special procedure

Possible variant :



For H12/15/18SX(L) (HS338/4388/5388RT(XL))



F

- Special procedure

Loading characteristics

Marking	Description	COMPACT 10DX (COMPACT 2668RT)	COMPACT 12DX (COMPACT 3368RT)
B	Lateral distance between the wheels ^(1.) .	1.87 m(.6 ft1 in)	1.87 m(.6 ft1 in)
C	Front wheel ground pressure ^(1.)	8.42 daN/cm ² (1,737 lbf/sq.ft)	6.1 daN/cm ² (1,258 lbf/sq.ft)
D	Rear wheel ground pressure ^(1.)	8.42 daN/cm ² (1,737 lbf/sq.ft)	6.1 daN/cm ² (1,258 lbf/sq.ft)



Anchorage point

(1.) Check the technical data in the technical characteristics

Loading characteristics

Marking	Description	H12SX (HS3388RT)	H12SXL (HS3388RTXL)
B	Lateral distance between the wheels ^(1.) .	2.75 m(9 ft0 in)	2.75 m(9 ft0 in)
C	Front wheel ground pressure ^(1.)	11 daN/cm ² (2,25 lbf/sq.ft)	9,2 daN/cm ² (1,88 lbf/sq.ft)
D	Rear wheel ground pressure ^(1.)	11 daN/cm ² (2,25 lbf/sq.ft)	9,2 daN/cm ² (1,88 lbf/sq.ft)



Anchorage point

(1.) Check the technical data in the technical characteristics

Loading characteristics

Marking	Description	H15SX (HS4388RT)	H15SXL (HS4388RTXL)
B	Lateral distance between the wheels ^(1.) .	2.75 m(9 ft0 in)	2.75 m(9 ft0 in)
C	Front wheel ground pressure ^(1.)	12 daN/cm ² (2,46 lbf/sq.ft)	9,2 daN/cm ² (1,88 lbf/sq.ft)
D	Rear wheel ground pressure ^(1.)	12 daN/cm ² (2,46 lbf/sq.ft)	9,2 daN/cm ² (1,88 lbf/sq.ft)



Anchorage point

(1.) Check the technical data in the technical characteristics

Loading characteristics

Marking	Description	H18SX (HS5388RT)	H18SXL (HS5388RTXL)
B	Lateral distance between the wheels ^(1.) .	2.75 m(9 ft0 in)	2.75 m(9 ft0 in)
C	Front wheel ground pressure ^(1.)	16 daN/cm ² (3,28 lbf/sq.ft)	9,6 daN/cm ² (1,97 lbf/sq.ft)
D	Rear wheel ground pressure ^(1.)	16 daN/cm ² (3,28 lbf/sq.ft)	9,6 daN/cm ² (1,97 lbf/sq.ft)



Anchorage point

(1.) Check the technical data in the technical characteristics

F

- Special procedure

4.3 - UNLOADING



Before operating, check that the machine is in good condition.

If the machine has been damaged during transportation, contact the transporter in writing.

1. The machine is completely stowed.
2. Remove the tie downs.
3. Start the machine.

4.4 - WARNING



Do not travel down the ramp at a fast speed.

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- Special procedure

5 - Detection of internal fault

5.1 - PRINCIPLE

For machines fitted with.

- The machine is equipped with an on-board defect detection system.
- The number of times the defect indicator flashes indicates the type of fault to the operator.
- According to the type of fault, the machine switches in DOWNGRADED MODE; certain movements can be limited or forbidden by the system to maintain the operator's safety.

5.2 - PROCEDURE

1. Stow the machine.
2. Switch the machine off.



Do not use the machine until the fault has been corrected.

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

F

- Special procedure

6 - On-board generator

6.1 - PRINCIPLE

For H12/15/18SX(L) (HS3388/4388/5388RT(XL))

The on-board generator supplies voltage (220 V or 110 V depending on the option) in the cage (platform) ; able to connect a tool with the maximum power of 3 kW (4 hp).



Do not expose the on-board generator to direct contact with a water beam or a high pressure cleaner.

6.2 - PROCEDURE

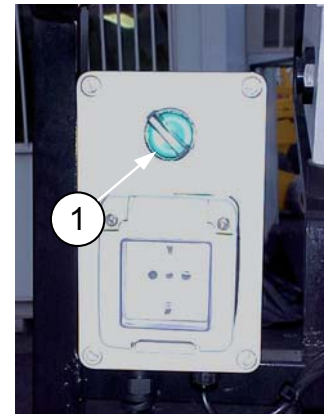
Put into service :

1. Start up the machine with the platform control box (or platform). Heat the engine for 15 mn before any operation.
2. Set the switch selector, above the socket power, to ON (1). The starting of the generator will begin only when all Leds of the platform control box are off (No movement therefore selected). The engine accelerate. The green light comes on indicating the on-board generator start-up.
3. Connect the tool to the socket.
4. You can change the tool at any time.

N.B.:-When using the on-board generator, you cannot make any machine movements. To make a movement, you must switch off the on-board generator.

Power off :

5. Disconnect the tool from the socket.
6. Set the switch selector, above the socket power, to OFF. The green light is turned off.
7. Machine movements are once again functional.



The tension varies according to hydraulic oil.

F - Special procedure



Notes

G - Technical specifications

1 - Main characteristics



Certain options 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 not require any particular precautions 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 decal compliance.

HAULOTTE® has a continuous improvement policy in place for its product range ; Given this policy, The Company reserves the right to modify their product technical characteristics without notice.

The hand and feet vibration and noise level values indicated in the technical characteristics tables are obtained in the following conditions :

- The maximum quadratic mean value weighted as an acceleration frequency and the total value of the vibrations to which the hand-arm system is exposed have been measured on the products by simulating a cycle representative of normal use. The values meet the requirements of the 2006/42/CE machine directive.
- For electric machines, the sound power level is measured at the drive station under the conditions described by the 2006/42/CE machine directive.
- For machines equipped with internal combustion engines, the noise level guarantees (LWA displayed on the product) and is measured in accordance with the method and the conditions described in Appendix III, Part B, Method 1 and 0 of the 2000/14/CE European directive.

G - Technical specifications

1.1 - TECHNICAL CHARACTERISTICS

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

CE, AS and EAC standards

Machine	H12SX		H12SXL	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	11,95 m	39 ft 2 in	11,95 m	39 ft 2 in
Maximum platform height	9,95 m	32 ft 8 in	9,95 m	32 ft 8 in
Maximum horizontal reach	3,5 m	11 ft 6 in	4,15 m	13 ft 7 in
Maximum outreach above the ground	3 m	9 ft 10 in	3,65 m	12 ft
Maximum platform height before driving speed restriction	2,85 m	9 ft 4 in	2,85 m	9 ft 4 in
Total weight	5440 kg	11993 lb	5610 kg	12367 lb
Maximum platform capacity	700 kg	1544 lb	700 kg	1544 lb
Maximum platform capacity extension 2	700 kg	1544 lb		
Capacity when extended	200 kg	441 lb	700 kg	1543 lb
Maximum number of occupants allowed				4
Maximum person on extension (refer to the capacity on extension recommended)				2
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - CE - AS				400 N - 90 lbf
Gradeability - 4WD				45%
Maximum rated slope allowed - CE - AS		5°		2°
Maximum load on wheel	3570 daN	8025lb	2784 daN	6258 lb
Maximum ground pressure of wheel on paved ground	9,2 daN/cm ²	2,3 lb/ft ²	10,5 daN/cm ²	2,17 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,7 km/h	• 0.4 mph	• 0,6 km/h	• 0,4 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3,2 km/h	• 2 mph	• 3,2 km/h	• 2 mph
• Elevated	• 6 km/h	• 3.7 mph	• 6 km/h	• 3.7 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph

G - Technical specifications

CE, AS and EAC standards

Machine	H15SX		H15SXL	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	15,01 m	49 ft 3in	15,01 m	49 ft 3in
Maximum platform height	13,01 m	42 ft 8 in	13,01 m	42 ft 8 in
Maximum horizontal reach	3,50 m	11 ft 6 in	4,15 m	13 ft 7 in
Maximum outreach above the ground	3 m	9 ft 10 in	3,65 m	12 ft
Maximum platform height before driving speed restriction	2,85 m	9 ft 4 in	2,85 m	9 ft 4 in
Total weight	6300 kg	13892 lb	6470 kg	14266 lb
Maximum platform capacity	500 kg	1102 lb	500 kg	1102 lb
Maximum platform capacity extension 2	500 kg	1102 lb		
Capacity when extended	200 kg	441 lb	500 kg	1102 lb
Maximum number of occupants allowed		4		
Maximum person on extension (refer to the capacity on extension recommended)		2		
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - CE - AS		400 N - 90 lbf		
Gradeability - 4WD		45%		
Maximum rated slope allowed - CE - AS		5°		2°
Maximum load on wheel	3681 daN	8275 lb	2488 daN	5593 lb
Maximum ground pressure of wheel on paved ground	12,2 daN/cm ²	2,55 lb/ft ²	9,4 daN/cm ²	1,96 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,7 km/h	• 0.4 mph	• 0,6 km/h	• 0,4 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3,2 km/h	• 2 mph	• 3,2 km/h	• 2 mph
• Elevated	• 6 km/h	• 3.7 mph	• 6 km/h	• 3.7 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph

G - Technical specifications

CE, AS and EAC standards

Machine	H18SX		H18SXL	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	17,96 m	58 ft 11 in	17,96 m	48 ft 11 in
Maximum platform height	15,96 m	52 ft 4 in	15,96 m	52 ft 4 in
Maximum horizontal reach	3,50 m	11 ft 6 in	4,15 m	13 ft 7 in
Maximum outreach above the ground	3 m	9 ft 10 in	3,65 m	12 ft
Maximum platform height before driving speed restriction	2,85 m	9 ft 4 in	2,85 m	9 ft 4 in
Total weight	7240 kg	15961 lb	7360 kg	16226 lb
Maximum platform capacity	500 kg	1102 lb	500 kg	1102 lb
Maximum platform capacity extension 2	500 kg	1102 lb		
Capacity when extended	200 kg	441 lb	500 kg	1102 lb
Maximum number of occupants allowed				4
Maximum person on extension (refer to the capacity on extension recommended)				2
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - CE - AS				400 N - 90 lbf
Gradeability - 4WD				45%
Maximum rated slope allowed - CE - AS		3°		2°
Maximum load on wheel	4426 daN	9950 lb	2600 daN	5845 lb
Maximum ground pressure of wheel on paved ground	16,3 daN/cm ²	3,41 lb/ft ²	9,80 daN/cm ²	2,05 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,7 km/h	• 0.4 mph	• 0,6 km/h	• 0,4 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3,2 km/h	• 2 mph	• 3,2 km/h	• 2 mph
• Elevated	• 6 km/h	• 3.7 mph	• 6 km/h	• 3.7 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	km/h	mph

G - Technical specifications

ANSI and CSA standards

Machine	HS3388RT		HS3388RTXL	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	11,95 m	39 ft 2 in	11,95 m	39 ft 2 in
Maximum platform height	9,95 m	32 ft 8 in	9,95 m	33 ft 8 in
Maximum horizontal reach	3,5 m	11 ft 6 in	4,15 m	13 ft 7 in
Maximum outreach above the ground	3 m	9 ft 10in	3,65 m	12 ft
Maximum platform height before driving speed restriction	2,85 m	9 ft 4in	2,85 m	ft in
Total weight	5440 kg	11993 lb	5610 kg	12367 lb
Maximum platform capacity	700 kg	1544 lb	700 kg	1544 lb
Maximum platform capacity Option extension 1	900 kg	1985 lb		
Maximum platform capacity extension 2	700 kg	1544 lb		
Capacity when extended	200 kg	441 lb	700 kg	1543 lb
Maximum number of occupants allowed		4		
Maximum person on extension (refer to the capacity on extension recommended)		2		
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - CE - AS		400 N - 90 lbf		
Gradeability - 4WD		45%		
Maximum rated slope allowed - ANSI - CSA		0°		0°
Maximum load on wheel	3570 daN	8025 lb	2784 daN	6258 lb
Maximum ground pressure of wheel on paved ground	11 daN/cm ²	2,30 lb/ft ²	10,5 daN/cm ²	2,19 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,7 km/h	• 0.4 mph	• 0,6 km/h	• 0,4 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3,2 km/h	• 2 mph	• 3,2 km/h	• 2 mph
• Elevated	• 6 km/h	• 3.7 mph	• 6 km/h	• 3.7 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph

G - Technical specifications

ANSI and CSA standards

Machine	HS4388RT		HS4388RTXL	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	15,01 m	49 ft 3in	15,01 m	49 ft 3in
Maximum platform height	13,01 m	42 ft 8 in	13,01 m	42 ft 8 in
Maximum horizontal reach	3,50 m	11 ft 6 in	4,15 m	13 ft 7 in
Maximum outreach above the ground	3 m	9 ft 10in	3,65 m	12 ft
Maximum platform height before driving speed restriction	2,85m	9 ft 4 in	2,85m	9 ft 4 in
Total weight	6300 kg	13892 lb	6470 kg	14266 lb
Maximum platform capacity	500 kg	1102 lb	500 kg	1102 lb
Maximum platform capacity Option extension 1	700 kg	1544 lb		
Maximum platform capacity extension 2	500 kg	1102 lb		
Capacity when extended	200 kg	441 lb	500 kg	1102 lb
Maximum number of occupants allowed		4		
Maximum person on extension (refer to the capacity on extension recommended)		2		
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - ANSI - CSA		400 N - 90 lbf		
Gradeability - 4WD		45%		
Maximum rated slope allowed - ANSI - CSA		0°		0°
Maximum load on wheel	3681 daN	8275 lb	2488 daN	5593 lb
Maximum ground pressure of wheel on paved ground	12,2 daN/cm ²	2,55 lb/ft ²	9,4daN/cm ²	1,96 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,7 km/h	• 0.4 mph	• 0,6 km/h	• 0,4 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3,2 km/h	• 2 mph	• 3,2 km/h	• 2 mph
• Elevated	• 6 km/h	• 3.7 mph	• 6 km/h	• 3.7 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph

G - Technical specifications

ANSI and CSA standards

Machine	HS5388RT		HS5388RTXL	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	17,96 m	58 ft 11 in	17,96 m	48 ft 11 in
Maximum platform height	15,96 m	52 ft 4 in	15,96 m	52 ft 4 in
Maximum horizontal reach	3,50 m	11 ft 6 in	4,15 m	13 ft 7 in
Maximum outreach above the ground	3 m	9 ft 10 in	3,65 m	12 ft
Maximum platform height before driving speed restriction	2,85 m	9 ft 4 in	2,85 m	9 ft 4 in
Total weight	7240 kg	15961 lb	7360 kg	16226 lb
Maximum platform capacity	500 kg	1102 lb	500 kg	1102 lb
Maximum platform capacity Option extension 1	700 kg	1544 lb		
Maximum platform capacity extension 2	500 kg	1102 lb		
Capacity when extended	200 kg	441 lb	500 kg	1102 lb
Maximum number of occupants allowed		4		
Maximum person on extension (refer to the capacity on extension recommended)		2		
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - CE - AS		400 N - 90 lbf		
Gradeability - 4WD		45%		
Maximum rated slope allowed - ANSI - CSA		0°		0°
Maximum load on wheel	4426 daN	9950 lb	2600 daN	5845 lb
Maximum ground pressure of wheel on paved ground	16,3 daN/cm ²	3,41 lb/ft ²	9,8 daN/cm ²	2,05 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,7 km/h	• 0.4 mph	• 0,6 km/h	• 0,4 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3,2 km/h	• 2 mph	• 3,2 km/h	• 2 mph
• Elevated	• 6 km/h	• 3.7 mph	• 6 km/h	• 3.7 mph
Maximum freewheel speed during towed operation	1,6 km/h	1 mph	1,6 km/h	1 mph

G - Technical specifications

1.2 - TECHNICAL CHARACTERISTICS

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

CE, AS and EAC standards

Machine	Compact 10DX		Compact 12DX	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	10,28 m	33 ft 9 in	12,05 m	39 ft 6 in
Maximum platform height	8,28 m	27 ft 2 in	10,05 m	33 ft 0 in
Maximum horizontal reach	0,91 m	3 ft	0,91 m	3 ft
Maximum platform height before driving speed restriction	2,77 m	9 ft 1 in	2,77 m	9 ft 1 in
Total weight	3520 kg	7762 lb	4110 kg	9724 lb
Maximum platform capacity	565 kg	1246 lb	450 kg	992 lb
Capacity when extended	150 kg	330 lb	150 kg	330 lb
Maximum number of occupants allowed				3
Maximum person on extension (refer to the capacity on extension recommended)				1
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - CE - AS				400 N - 90 lbf
Gradeability - 4WD				40%
Gradeability - 2WD				25%
Maximum rated slope allowed - CE - AS				3°
Maximum load on wheel	2760 daN	6086 lbs	3030 daN	6681 lbs
Maximum ground pressure of wheel on paved ground	8,42 daN/cm ²	1,75 lb/ft ²	6,1 daN/cm ²	1,26 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,8km/h	• 0.5 mph	• 0,8km/h	• 0.5 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3 km/h	• 1.9 mph	• 3 km/h	• 1.9 mph
• Elevated	• 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

G - Technical specifications

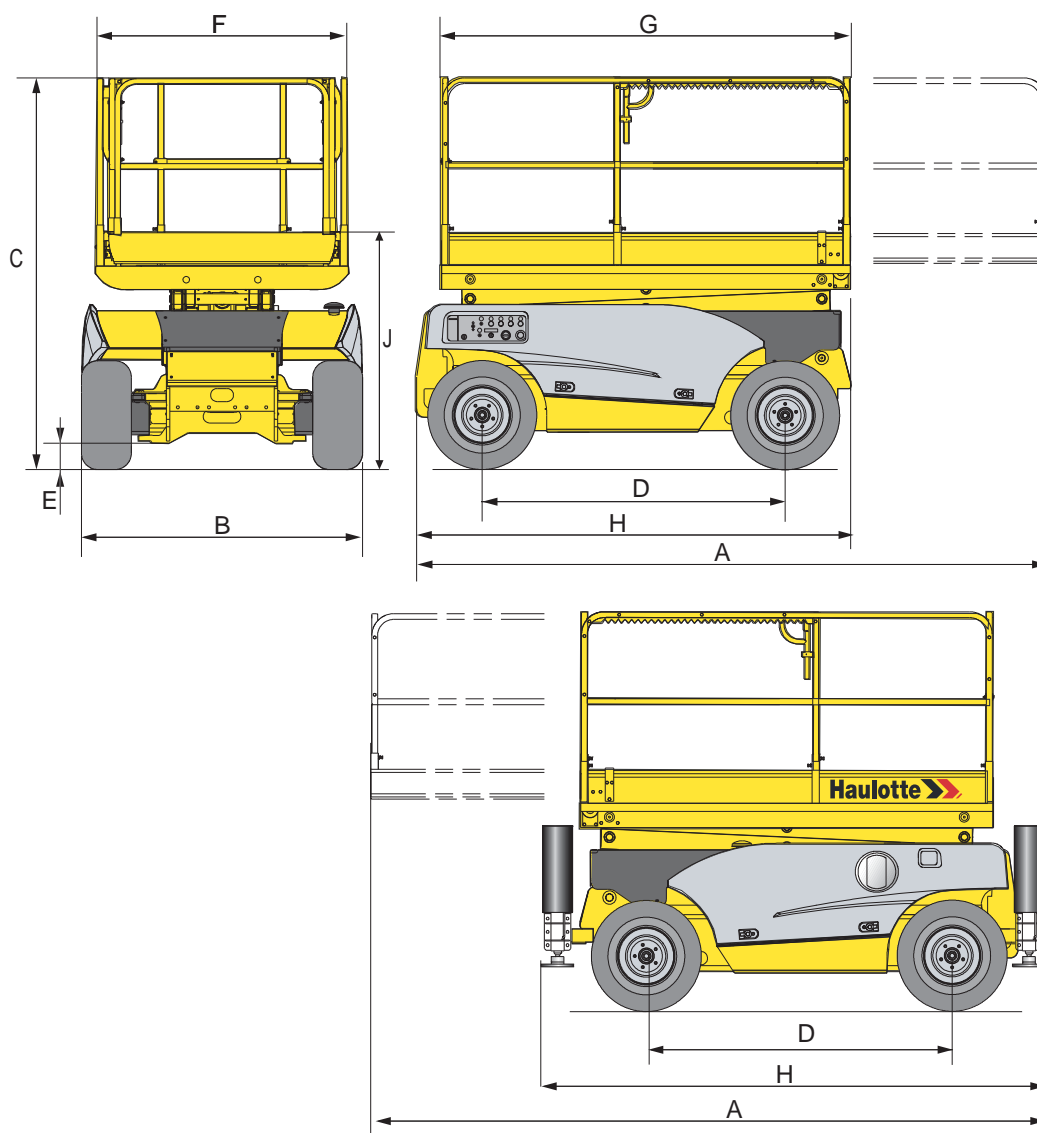
ANSI and CSA standards

Machine	COMPACT 2668RT		COMPACT 3368RT	
	SI	Imp.	SI	Imp.
Characteristics - Dimensions				
Maximum working height	10,28 m	33 ft 9 in	12,05 m	39 ft 6 in
Maximum platform height	8,28 m	27 ft 2 in	10,05 m	33 ft 0 in
Maximum horizontal reach	0,91 m	3 ft	0,91 m	3 ft
Maximum platform height before driving speed restriction	5,01m	16 ft 5 in	16,5 m	16 ft 5 in
Total weight	3520 kg	7762 lb	4110 kg	9724 lbs
Maximum platform capacity	565 kg	1246 lb	450 kg	992 lb
Capacity when extended	150 kg	330 lb	150 kg	330 lb
Maximum number of occupants allowed		3		
Maximum person on extension (refer to the capacity on extension recommended)		1		
Maximum wind speed allowed	45 km/h	28 mph	45 km/h	28 mph
Manual force - CE - AS		400 N - 90 lbf		
Gradeability - 4WD		40%		
Gradeability - 2WD		25%		
Maximum rated slope allowed - ANSI - CSA		0°		
Maximum load on wheel	2760 daN	6086 lbs	3030 daN	6681 lbs
Maximum ground pressure of wheel on paved ground	8,42 daN/cm ²	1,75 lb/ft ²	6,1 daN/cm ²	1,26 lb/ft ²
Drive speed (2WS) :				
• Low	• 0,8km/h	• 0.5 mph	• 0,8km/h	• 0.5 mph
• Medium	• 1,6 km/h	• 1 mph	• 1,6 km/h	• 1 mph
• High	• 3 km/h	• 1.9 mph	• 3 km/h	• 1.9 mph
• Elevated	• 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

G - Technical specifications

2 - Overall dimensions

General diagram COMPACT 10DX (COMPACT 2668RT) -COMPACT 12DX (COMPACT 3368RT)

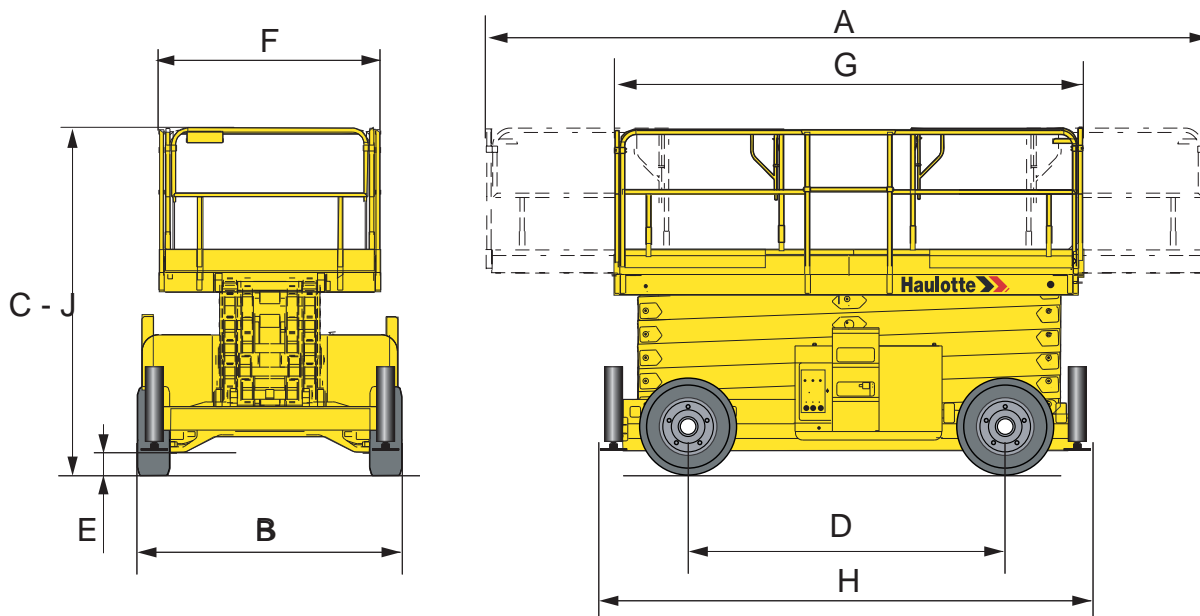


Overall dimension specifications

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	3.17	10 ft 5 in	3.17	10 ft 5 in
J	1.57	5 ft 2 in	1.70	5 ft 7 in

G - Technical specifications

General diagram H12SX (HS3388RT) -H15SX (HS4388RT) -H18SX (HS5388RT)



Overall dimension specifications

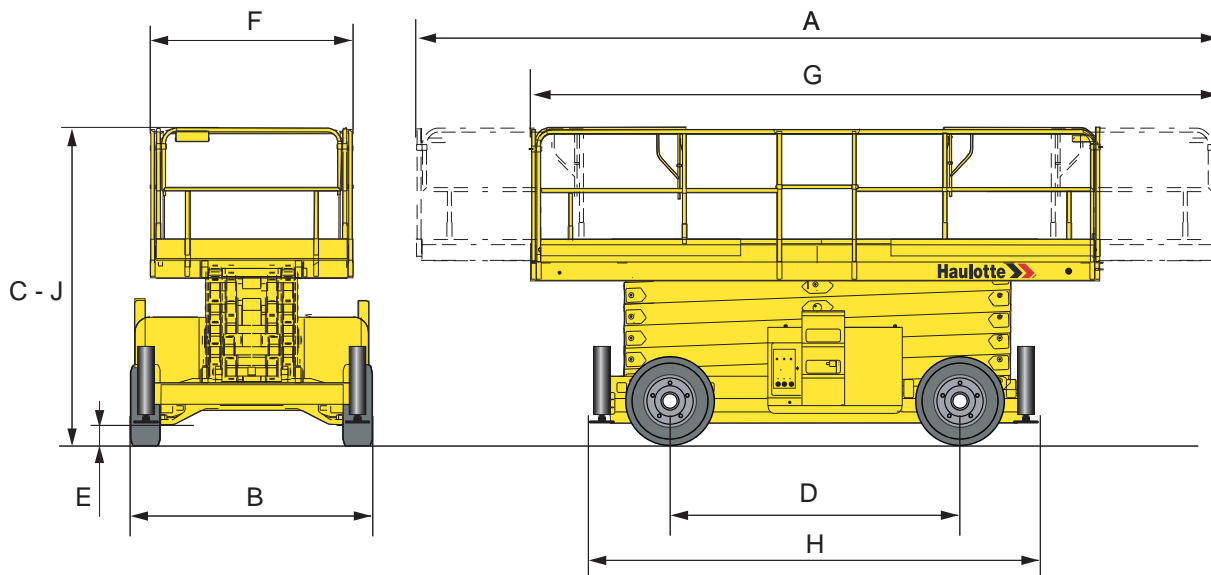
Marking	H12SX (HS3388RT)		H15SX (HS4388RT)	
	Mètre	Feet inch	Mètre	Feet inch
A	6,00	19 ft 8 in	6,00	19 ft 8 in
B	2,25	7 ft 4 in	2,25	7 ft 4 in
C	2,57	8 ft 5 in	2,77	9 ft 1 in
D	2,75	9 ft 0 in	2,75	9 ft 0 in
E	0,27	0 ft 10 in	0,27	0 ft 10 in
F x G	4,00 x 1,89	13 ft 1 in x 6 ft 2 in	4,00 x 1,89	13 ft 1 in x 6 ft 2 in
H	4,18	13 ft 8 in	4,18	13 ft 8 in
J	2,57	8 ft 5 in	2,77	9 ft 1 in

Overall dimension specifications

Marking	H18SX (HS5388RT)	
	Mètre	Feet inch
A	6,00	19 ft 8 in
B	2,25	7 ft 4 in
C	2,97	9 ft 8 in
D	2,75	9 ft 0 in
E	0,27	0 ft 10 in
F x G	4,00 x 1,89	13 ft 1 in x 6 ft 2 in
H	4,18	13 ft 8 in
J	2,97	9 ft 8 in

G - Technical specifications

General diagram H12SXL (HS3388RTL) -H15SXL (HS4388RTL) -H18SXL (HS5388RTL)



Overall dimension specifications

Marking	H12SXL (HS3388RTL)		H15SXL (HS4388RTL)	
	Mètre	Feet inch	Mètre	Feet inch
A	7,30	23 ft 11 in	7,30	23 ft 11 in
B	2,25	7 ft 4 in	2,25	7 ft 4 in
C	2,57	8 ft 5 in	2,77	9 ft 1 in
D	2,75	9 ft 0 in	2,75	9 ft 0 in
E	0,27	0 ft 10 in	0,27	0 ft 10 in
F x G	5,30 x 1,89	17 ft 4 in x 6 ft 2 in	5,30 x 1,89	17 ft 4 in x 6 ft 2 in
H	4,18	13 ft 8 in	4,18	13 ft 8 in
J	2,57	8 ft 5 in	2,77	9 ft 1 in

Overall dimension specifications

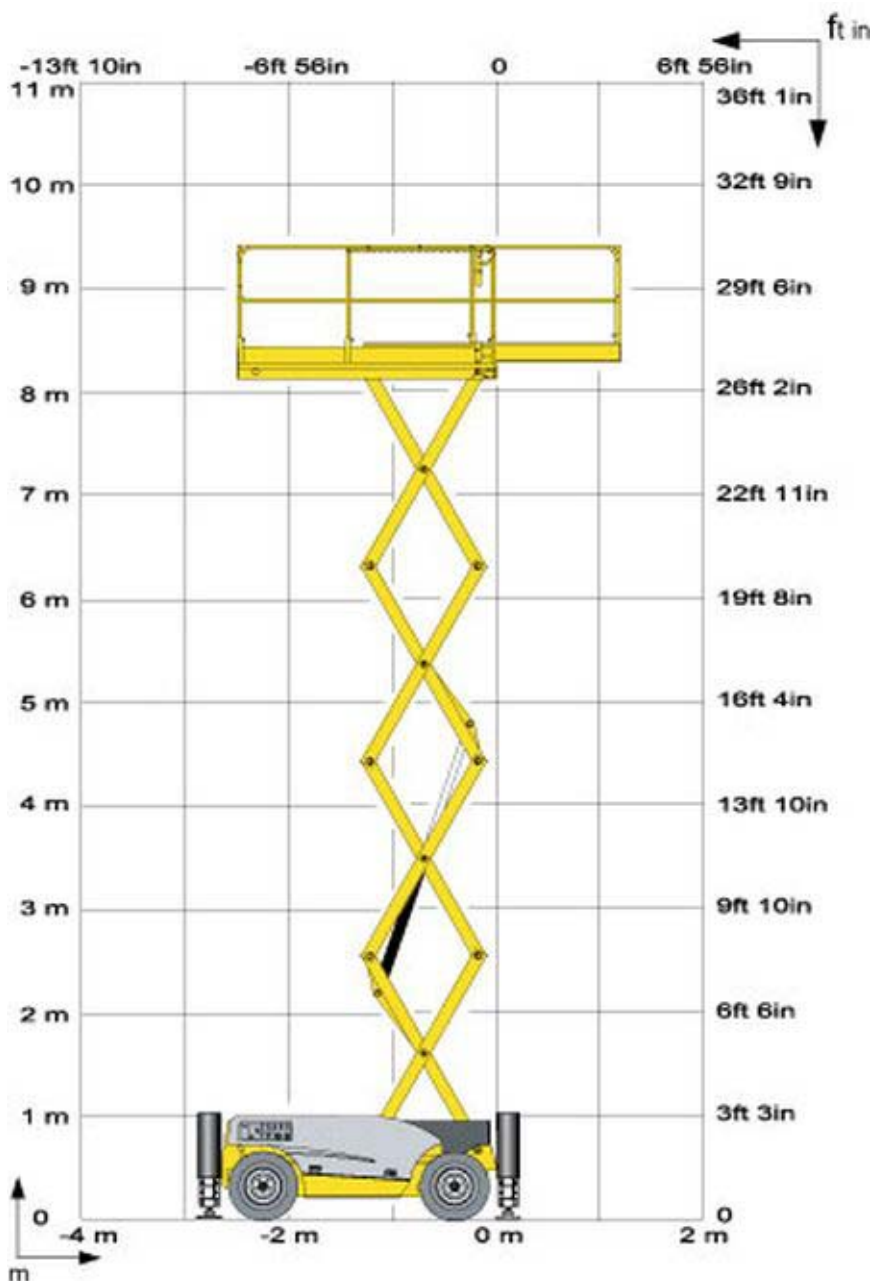
Marking	H18SXL (HS5388RTL)	
	Mètre	Feet inch
A	7,30	23 ft 11 in
B	2,25	7 ft 4 in
C	2,97	9 ft 8 in
D	2,75	9 ft 0 in
E	0,27	0 ft 10 in
F x G	5,30 x 1,89	17 ft 4 in x 6 ft 2 in
H	4,18	13 ft 8 in
J	2,97	9 ft 8 in

G - Technical specifications

3 - Working area / Range of motion

3.1 - MACHINE COMPACT 10DX (COMPACT 2668RT)

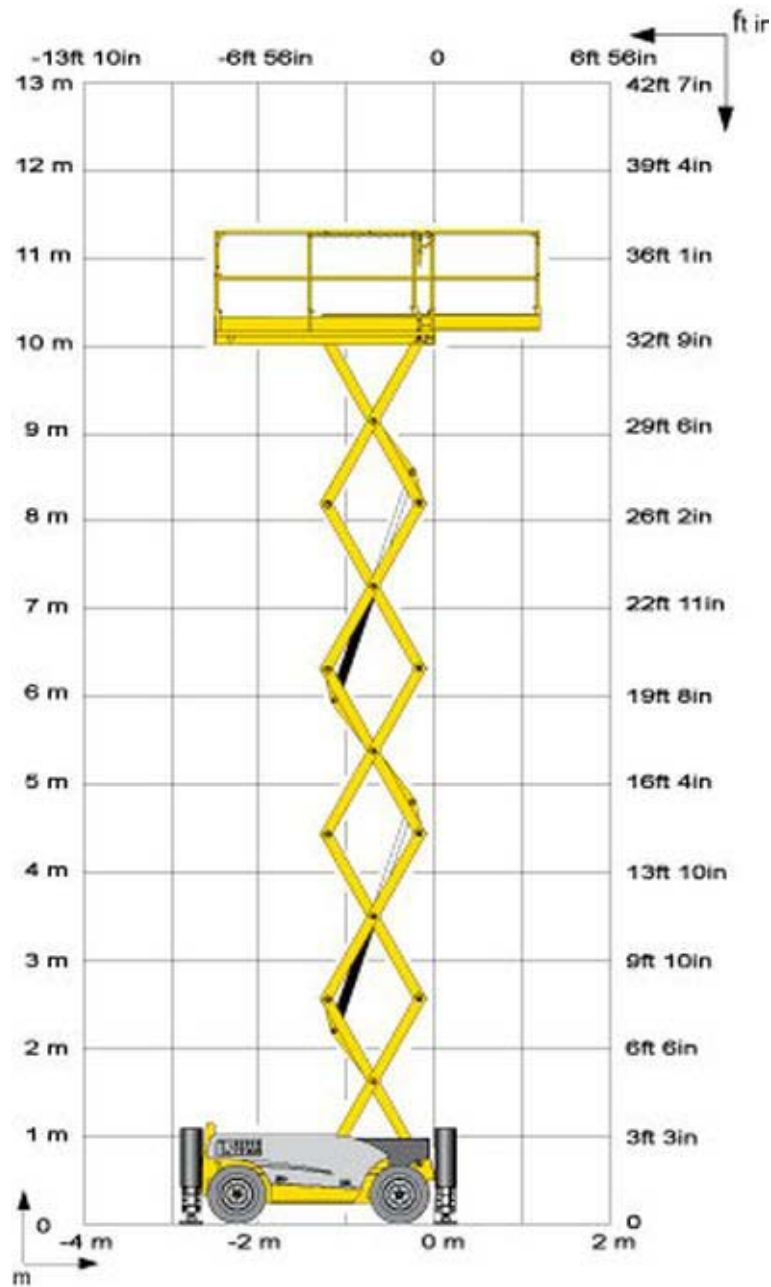
Working area / Range of motion



G - Technical specifications

3.2 - MACHINE COMPACT 12DX (COMPACT 3368RT)

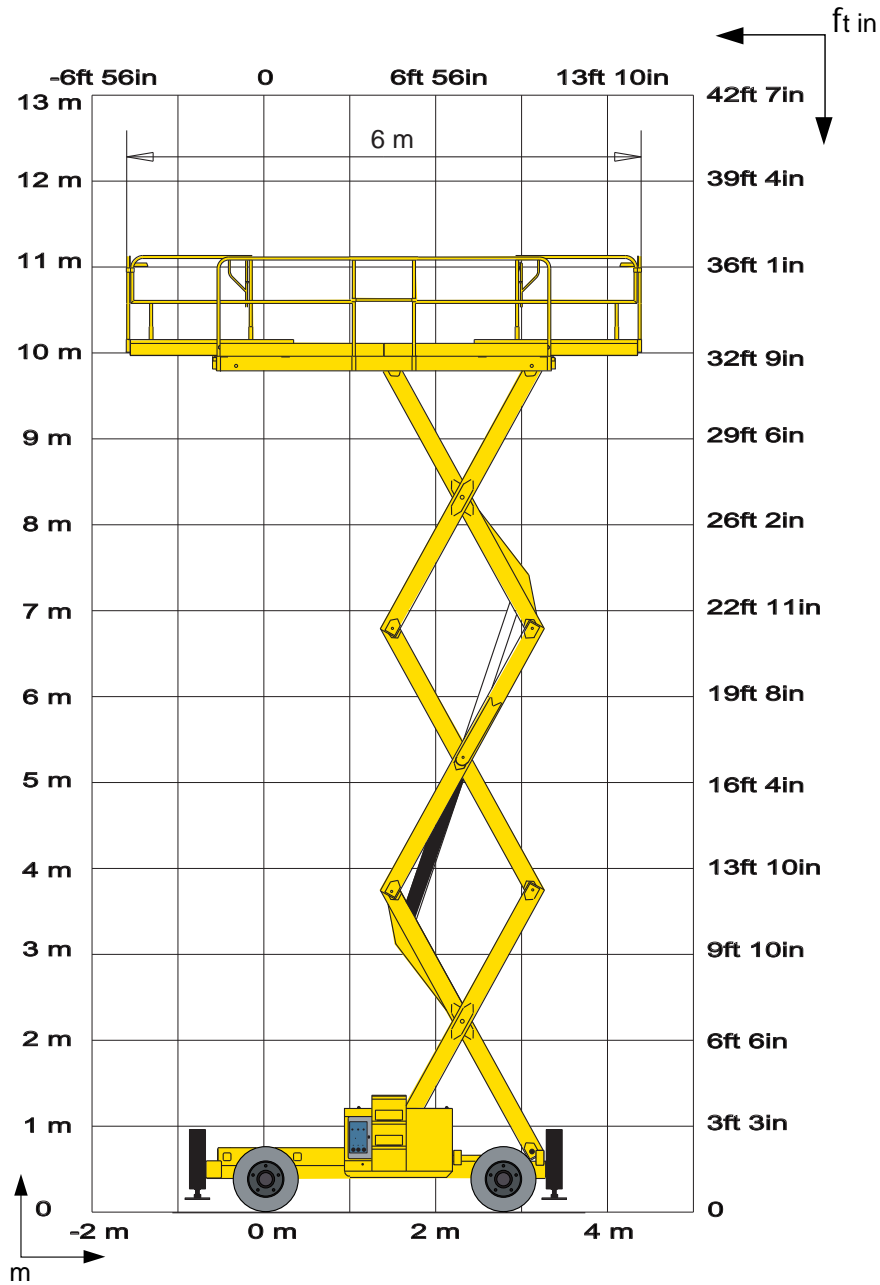
Working area / Range of motion



G - Technical specifications

3.3 - MACHINE H12SX (HS3388RT)

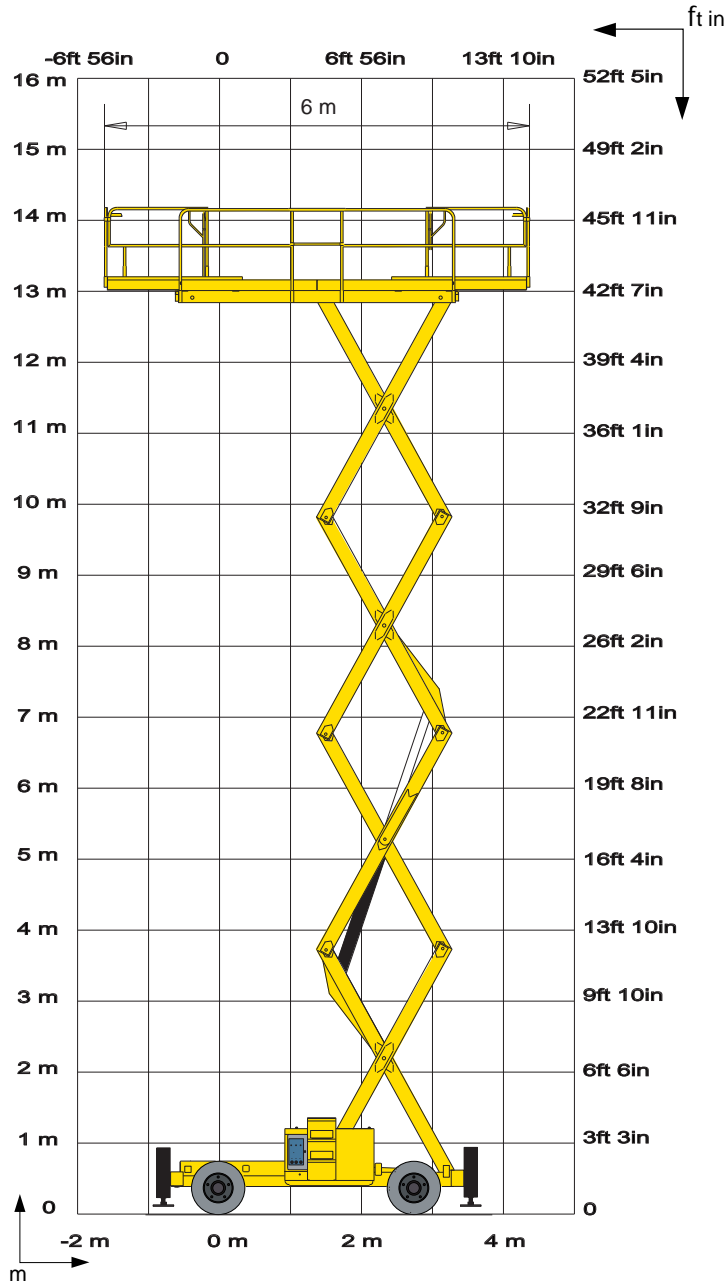
Working area / Range of motion



G - Technical specifications

3.4 - MACHINE H15SX (HS4388RT)

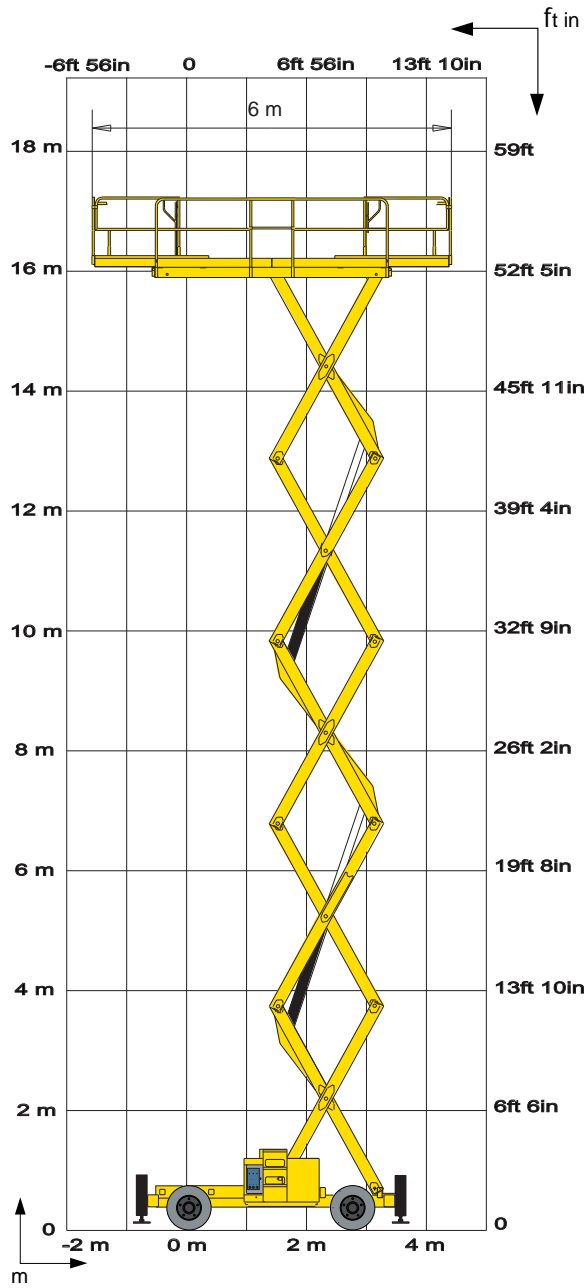
Working area / Range of motion



G - Technical specifications

3.5 - MACHINE H18SX (HS5388RT)

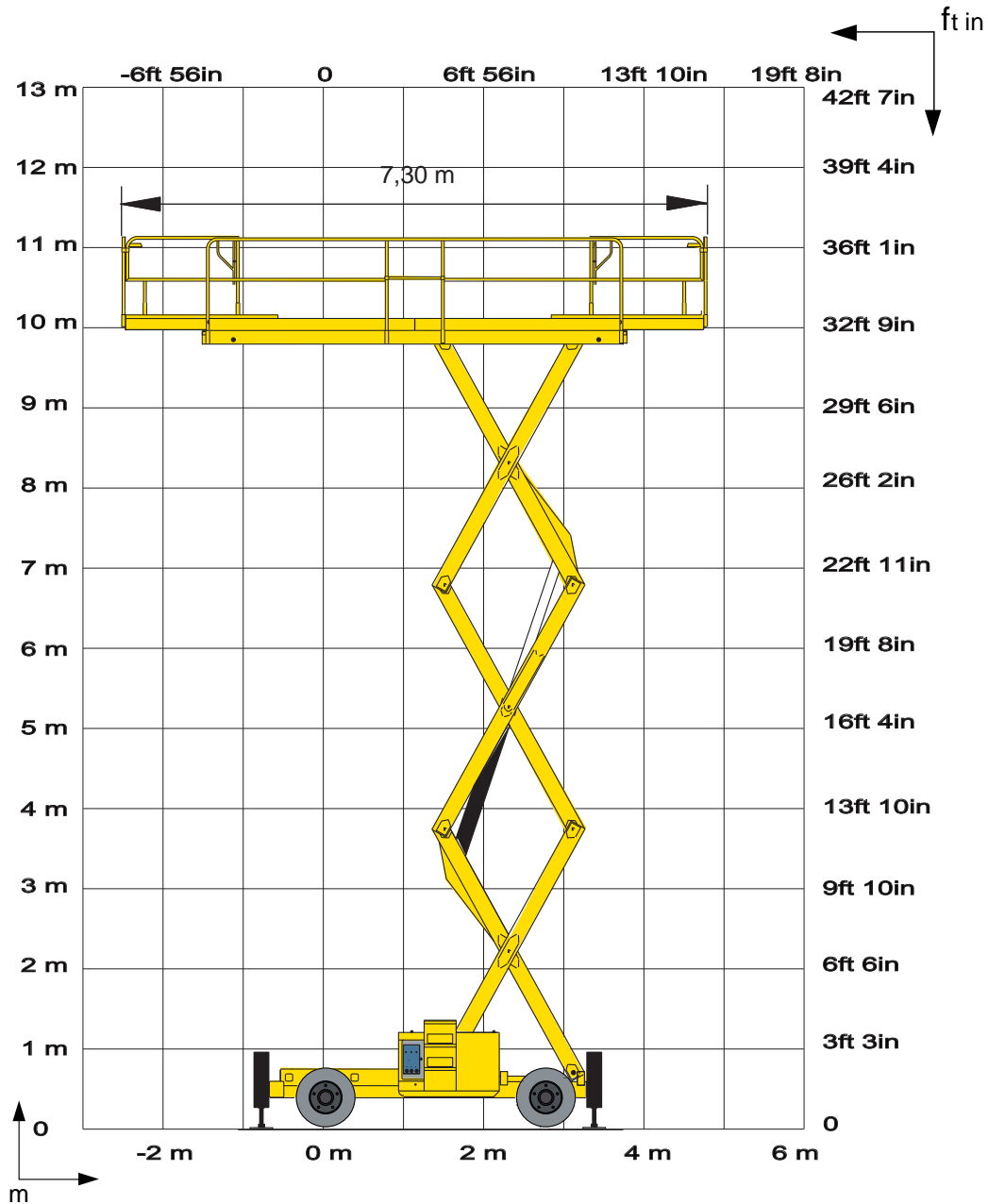
Working area / Range of motion



G - Technical specifications

3.6 - MACHINE H12SXL (HS3388RTL)

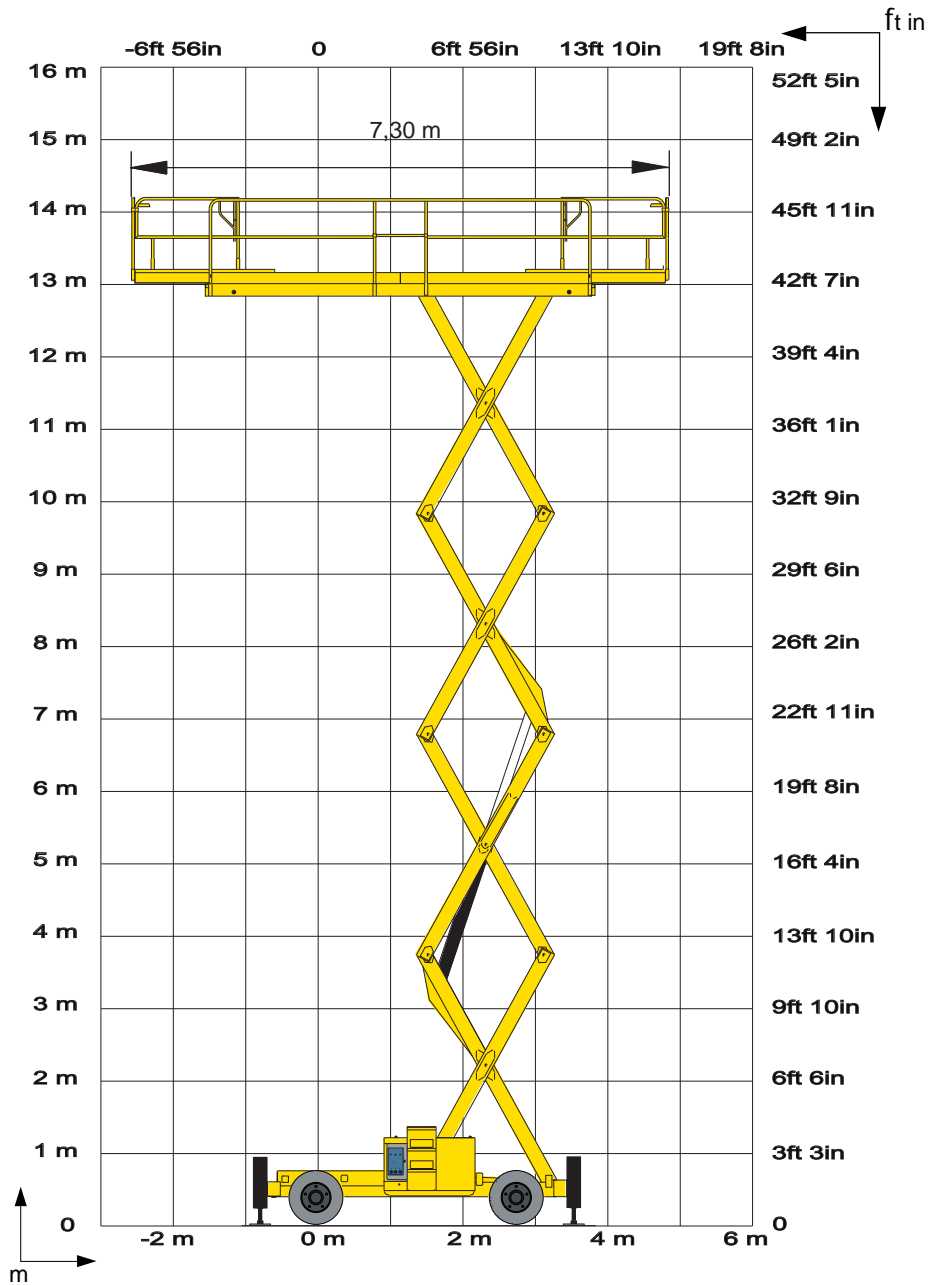
Working area / Range of motion



G - Technical specifications

3.7 - MACHINE H15SXL (HS4388RTL)

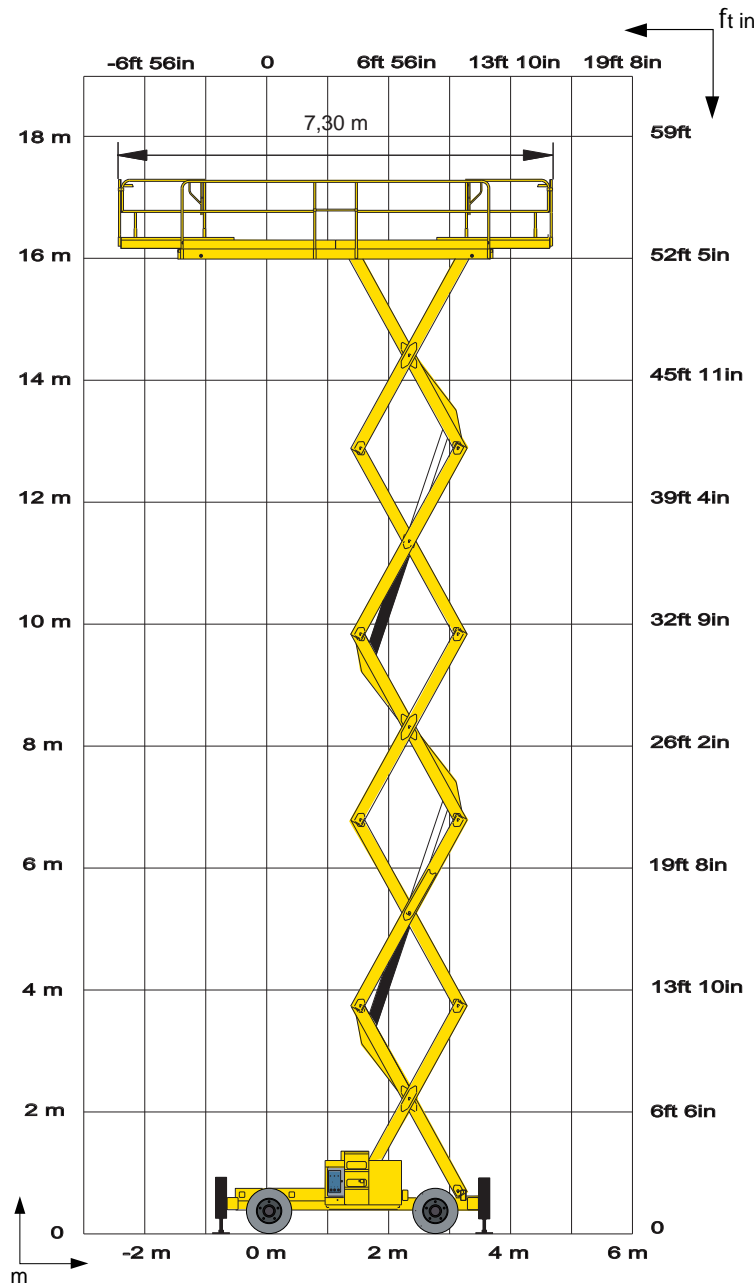
Working area / Range of motion



G - Technical specifications

3.8 - MACHINE H18SXL (HS5388RTL)

Working area / Range of motion



G - Technical specifications

4 - AS - CE standard specificities

The following tests must be performed after :

- A major technical intervention.
- An accident due to major component failure on the machine.



- The following tests must be performed by a qualified person in secure conditions.
- The results must be fully recorded.

To avoid the machine tipping over, it must be secured during the test (by a chain or anchorage point).

4.1 - OVERLOAD TEST

The overload test is performed with 125 % of the nominal load. See paragraph 1.12.3 of the AS1418.10 standard for test details.

Load table

Machine	Test load	
	Pound (lb)	Kilogramme (kg)
COMPACT 10DX (COMPACT 2668RT)	1557	706,25
COMPACT 12DX (COMPACT 3368RT)	1240,1	562,50
H12SX(L) (HS3388RT(XL))	1929	875
H15SX(L) (HS4388RT(XL)) H18SX(L) (HS3388RT(XL))	1377,8	625



The machine must not show any signs of permanent distortion.

Tests are performed by a qualified person under optimal conditions and results must be fully recorded.

4.2 - FUNCTIONAL TEST

Functional tests have confirmed the following :

- The machine has performed all movements without jerking, while carrying the nominal load.
- All security systems are operating correctly.
- Maximum authorized operating speeds are not exceeded.

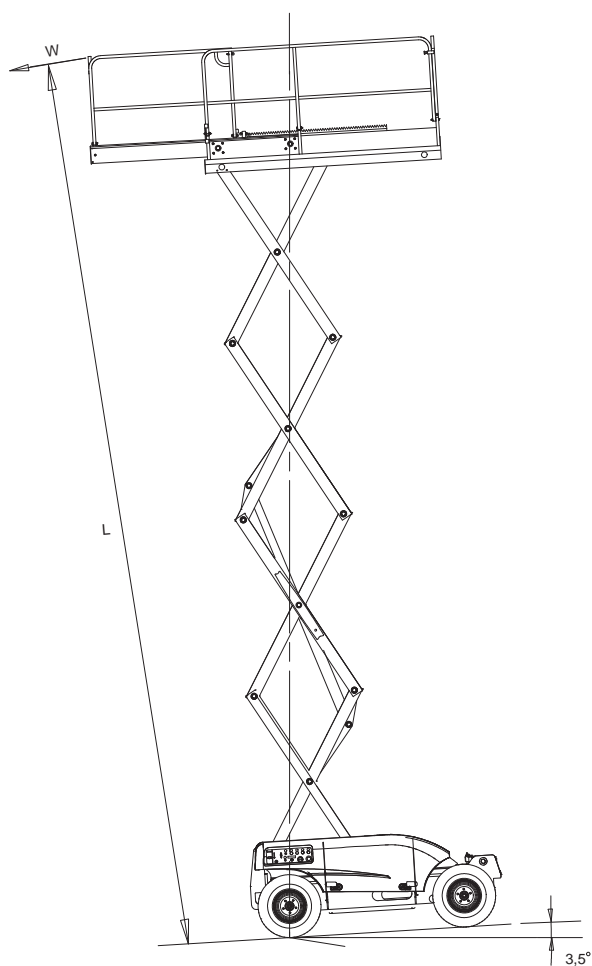
G - Technical specifications

4.3 - STABILITY TEST

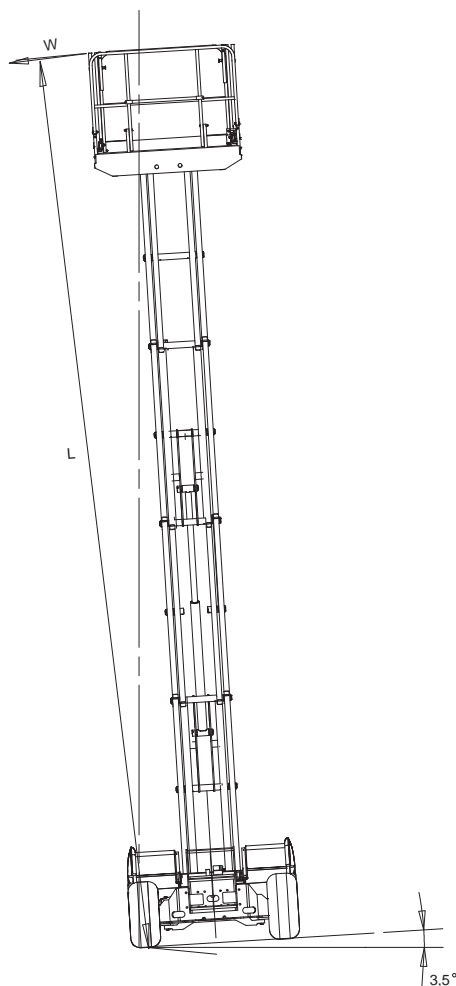
The stability test proves that the machine is stable in an unfavourable position. The moment when the machine tips is calculated by combining loads in the machine's most unfavourable position (load W applied over distance L).

Stability for COMPACT 10/12DX (COMPACT 2668/3368RT)

LONGITUDINAL
POSITION



TRANSVERSAL
POSITION



G - Technical specifications

Stability table for COMPACT 10DX (COMPACT 2668RT)

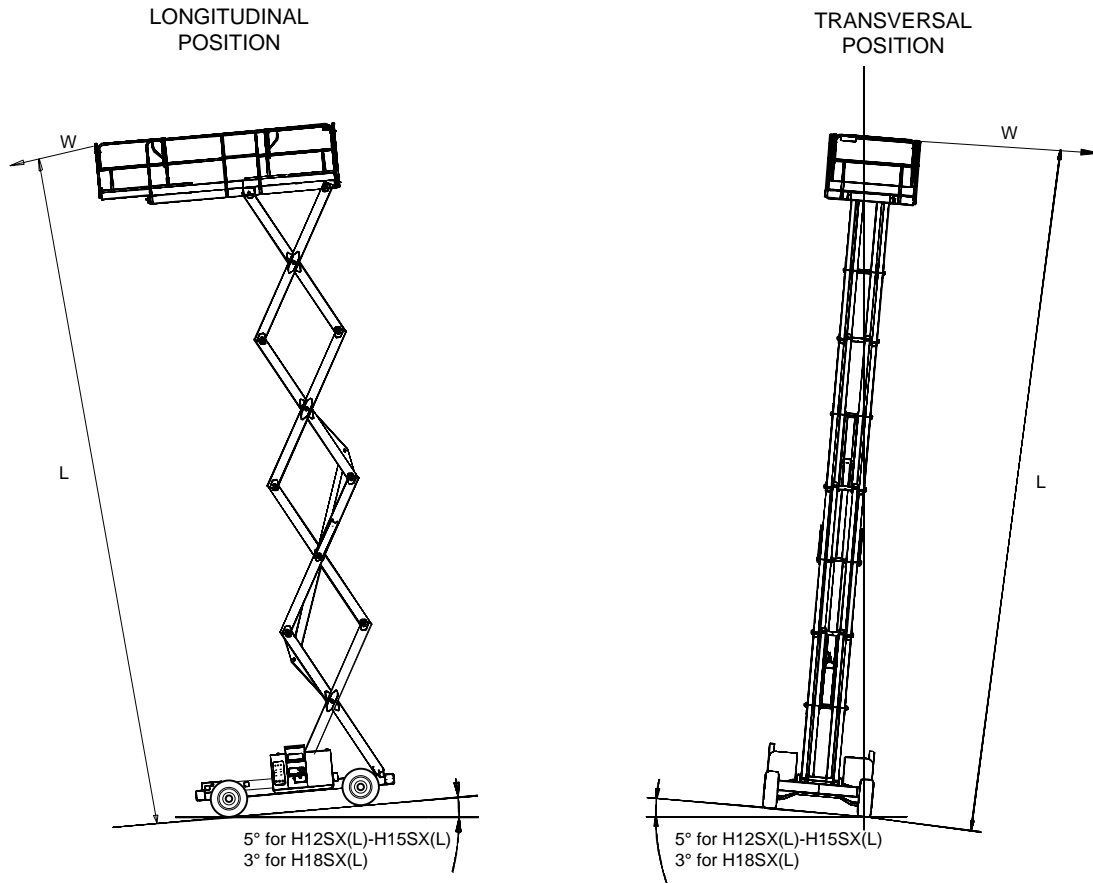
	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	3,5	362	164	31-9	9,70	1592
Vertical (2)	3,5	311.5	141.5	31-5	9,60	1356

Stability table for COMPACT 12DX (COMPACT 3368RT)

	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	3,5	340	154	37-8	11,50	1772
Vertical (2)	3,5	304	138	37-4	11,40	1582

G - Technical specifications

Stability for H12/15/18SX(L) (HS3388/4388/5388RT(XL))



G - Technical specifications

Stability table for H12SX (HS 3388RT)

	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	5,5	560	254	36-6	11,13	2831
Vertical (2)	5,5	463	210	36-4	11,09	2332

Stability table for H15SX (HS 4388RT)

	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	5,5	525	238	45-10	13,97	3326
Vertical (2)	5,5	461	209	46-1	14,06	2942

Stability table for H18SX (HS 5388RT)

	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	3,5	494	224	56-1	17,10	3842
Vertical (2)	3,5	454	206	56-2	17,12	3530

G - Technical specifications

Stability table for H12SXL (HS3388RTXL)

	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	2,5	670	304	36-9	11,2	3378
Vertical (2)	2,5	401	182	36-9	11,2	2038

Stability table for H15SXL (HS4388RTXL)

	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	2,5	547	248	46-7	14,2	3523
Vertical (2)	2,5	419	190	46-7	14,2	2699

Stability table for H18SXL (HS5388RTXL)

	T (°)	W		L		Moment of tipping over
		Pound (lb)	Kilogramme (kg)	Feet inch (ft in)	Mètre (m)	Déca Newton Mètre (DaN.m)
Horizontal (1)	2,5	540	245	56-5	17,2	4230
Vertical (2)	2,5	450	204	56-5	17,2	3510



See paragraph 1.12.2 of the AS1418.10 standard for test details.

The machine must return to a stable state without tipping over.

G - Technical specifications

5 - Declaration of conformity



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

Declaration of conformity - Thermal platforms

DECLARATION DE CONFORMITE CE

(certificate of conformity with EC directives)

Nom et adresse du constructeur ou son représentant autorisé dans la communauté :
Name and address of manufacturer or their authorised agents within the European Community

HAULOTTE Group Siège Social
La Péronnière
BP 09
42152 L'HORME Cedex
FRANCE

HAULOTTE GROUP
Usine de _____

Déclare que la machine décrite ci-dessous :
(Declares that the technical installation described below)

Nacelle ou Plate-forme mobile élévatrice de personnes

(Elevating work Platform)

Machine au nom commercial (Machine with the commercial name) _____,

Conforme au type (in compliance with the type) _____

Numéro de série (Serial number): _____

Se conforme aux dispositions de la directive machine 2006/42/CE.
(Conforms to the provisions set out in the EC Machinery Directive 2006/42/EC)

N° de certificat (Certificate no): _____

Cette machine est identique au modèle ayant fait l'objet d'un examen CE de type par l'organisme notifié :
(This machinery is identical to the model that was tested in an EC type-examination by the appointed body)

Organisme certifié (Authorised certification body) :

_____ n° _____

- Se conforme également aux dispositions de la directive 2000/14/CE concernant l'émission de bruit par l'équipement dans l'environnement en utilisation extérieure
(is also in accordance with the clauses contained in the EC Outdoor Noise Directive (2000/14/EC))
 - Méthode de mesure (Measuring methods) Annexe III-B
 - LwA, Niveau de puissance acoustique garantie (LWA, sound level guaranteed) ___ dB
 - LwA, Niveau de puissance acoustique minimum/maximum (LWA, maxi sound level) ___/___ dB
- Se conforme également aux dispositions de la directive 2004/108/CE concernant la compatibilité électromagnétique.
(is in accordance with the provisions contained in EEC Directive no. 2004/108/CE on electromagnetic compatibility)
- Se conforme aux principales exigences des normes harmonisées suivantes : EN 280 et EN 954.
(also fulfils the principal requirements of the following harmonised standards: EN 280 and EN 954)

Fait à L'Horme le :

Directeur Division _____ /Managing Director, _____ Division

Signature


Cette déclaration est conforme aux exigences de l'annexe II-a de la directive 2006/42/CE. Toute modification de la machine décrite ci-dessus rendrait cette déclaration caduque.
This declaration conforms with the requirements of annex II-A of the directive 2006/42/EEC. Any modification to the above described machine violates the validity of this declaration.

H - Intervention register

1 - Intervention register

In order to benefit from the HAULOTTE® guarantee, each maintenance or repair operation must be entered in the INTERVENTION REGISTER, which can be found at the end of the maintenance book delivered with your machine.

Intervention register



H - REGISTRE D'INTERVENTION

REGISTRE D'INTERVENTION HAULOTTE SERVICE				
Date	Nature de l'intervention	Nbre heures	Intervenant	N° intervention Haulotte service

MODELE

- A
- B
- C
- D
- E
- F
- G
- H
- I

