



HORSE-TRAINER RELAX

INSTRUCTION MANUAL



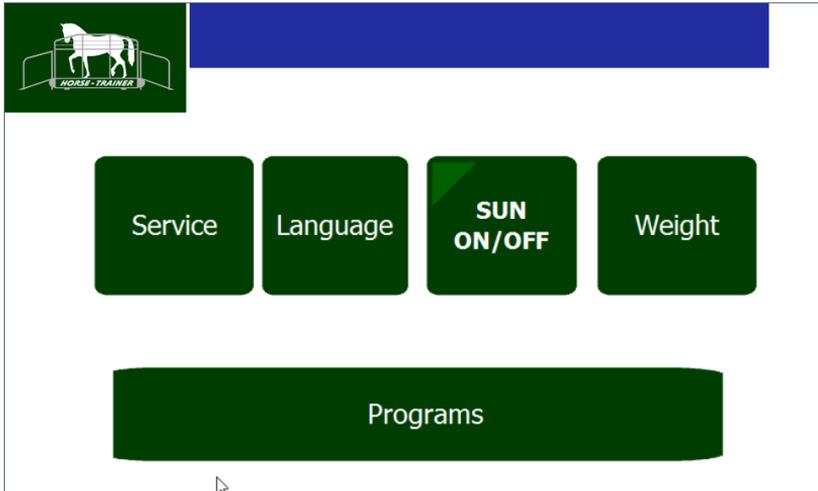
TABLE OF CONTENTS

START SCREEN	5
CHOOSE LANGUAGE	5
SELECT PROGRAM	6-7
OWN PROGRAMS	7-8
SERVICE	8-9
HORSE-TRAINER RELAX WITH WEIGHING CELLS	9-10
THE "I/O" BUTTON	11
SETUP	11
STATUS	12
CHART OF TIMES AND FREQUENCIES	12
SETUP AND CONNECTION	13
DESCRIPTION OF THE ELECTRIC CONTROL BOX	13
MAINTENANCE / LUBRICATION CHART	14
MISC.	15
WARRANTY	15
CONTACT INFORMATION	16

INSTRUCTIONS FOR USE HORSE-TRAINER RELAX

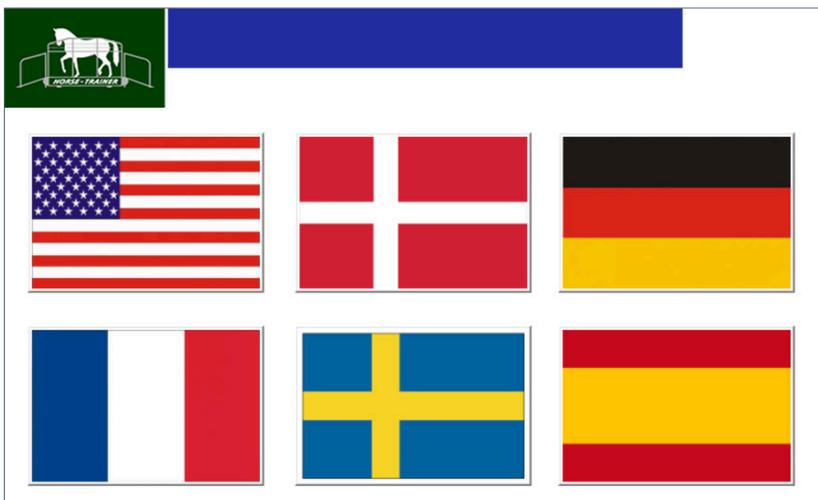
When you turn on the power for the Horse-Trainer RELAX unit, the first screen you will see in the display is the one presented below this text. The main menu contains the headers “LANGUAGE”, “PROGRAMS” and “SERVICE”. There is an additional option – “WEIGHT” – if your Horse-Trainer RELAX is fitted with weighing cells.

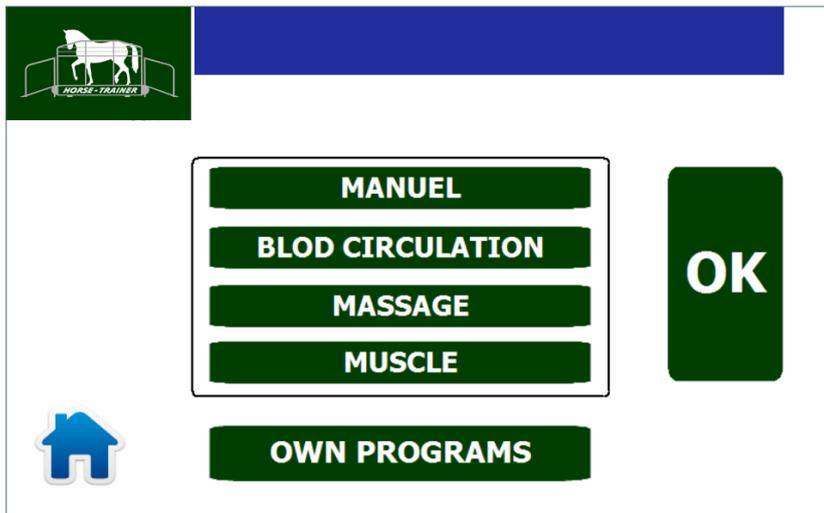
There is also an option to switch the heating lamp on and off using the “SUN ON/OFF” button.



CHOOSE LANGUAGE

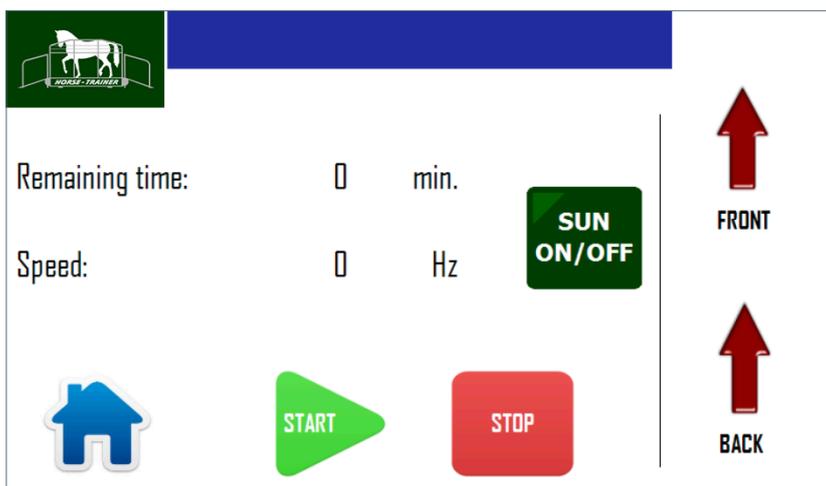
This screen allows you to switch between the available languages. The language changes when you press the respective buttons..





You can use this screen to choose between four pre-defined programs, or you can select “OWN PROGRAMS” to design a program of your own.

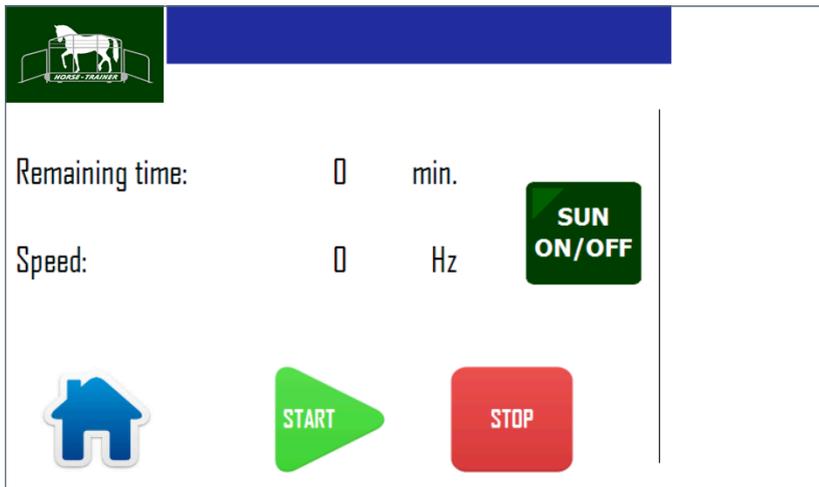
Once you have selected a program, the button you have chosen will turn bright green. Then press “OK”.



If you choose the “Manual” program option, you will see the screen shown above.

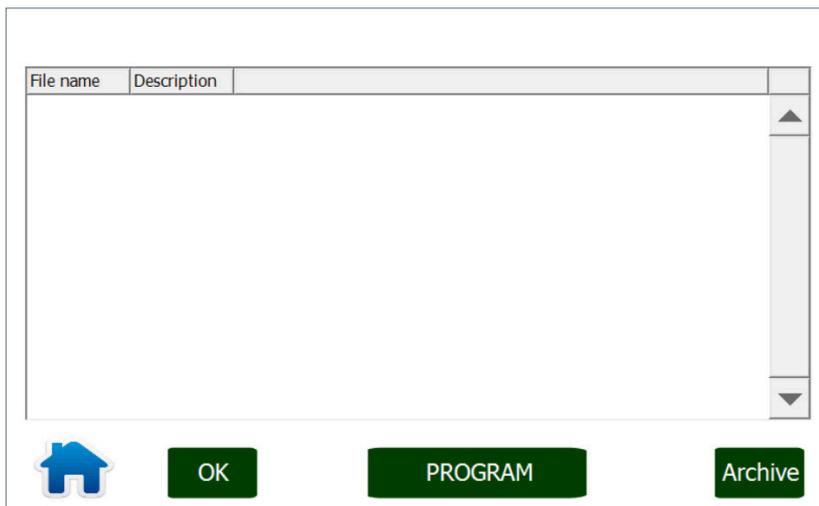
When you press “START”, you can control the speed of the vibration platform using the speed regulator on the control box. In the top right-hand corner of the screen, you can see the frequency and the remaining program time. If you press the “STOP” button, the vibration will stop. If you press “STOP” for more than four seconds, the active program will be canceled and you can then choose a new one. You can use the “FRONT” and “BACK” buttons to raise and lower the front and back of the platform manually. It is also here that you can switch the heating lamp on and off.

If you choose the “blood circulation”, “muscles” or “massage” program, you will see the screen below. When you press “START”, the ends and sides of the vibration platform will be raised and lowered alternately for around 30 seconds, and the platform will vibrate, shifting the horse’s weight from leg to leg.



OWN PROGRAMS

1. Press “SELECT PROGRAM”.
2. A screen presenting the own-designed programs you have already set up will appear.
3. Press the name of the program you want to use. Use the ▲ and ▼ arrows to switch between the different programs.
4. Then press “OK” to activate the program selected.



TO ADD A NEW PROGRAM

1. Press the “PROGRAM NAME” field. A keyboard will appear. Use the keyboard to write an appropriate name for the program: 10 letters, figures, or characters. Then press “OK”. You can program up to 10 lines in each program. You must program the lines in the desired order, but you do not have to use all ten lines.
2. Press “PROGRAM LINE 1–5”
3. Use the respective fields to enter the speed in km/hour and the time in minutes. The times on the individual lines will be added together and the total time for the program cannot exceed one hour.
4. Press “OK” when you have finished setting up the program.
5. Then press “SAVE” to save the program. The program is now ready to use.

The screenshot shows a screen with five rows, numbered 1 to 5. Each row has two input fields: 'Speed' (measured in Hz) and 'Time' (measured in minutes). All fields currently display '-00000'. At the bottom of the screen, there are four buttons: a home icon, 'OK', 'Save', and 'Save as'. There are also up and down arrow icons on the left side of the screen.

Line	Speed (Hz)	Time (min.)
1	-00000	-00000
2	-00000	-00000
3	-00000	-00000
4	-00000	-00000
5	-00000	-00000

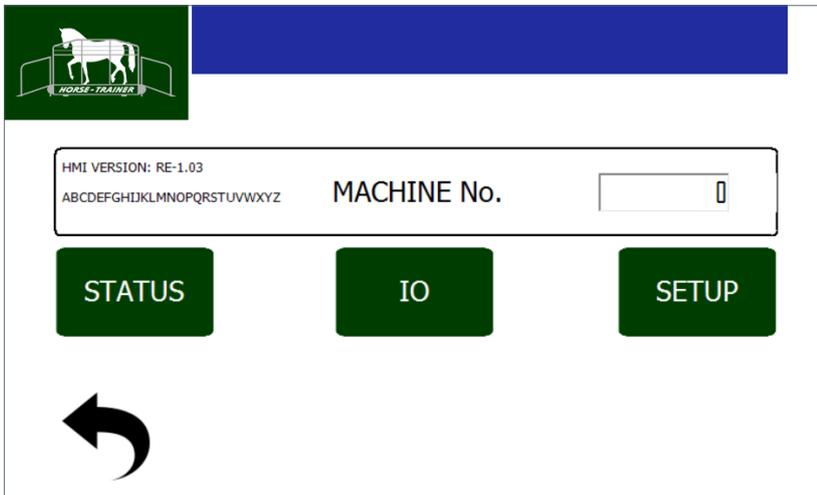
SERVICE

The “MACHINE No.” field contains the production number for this Horse-Trainer (do not change).

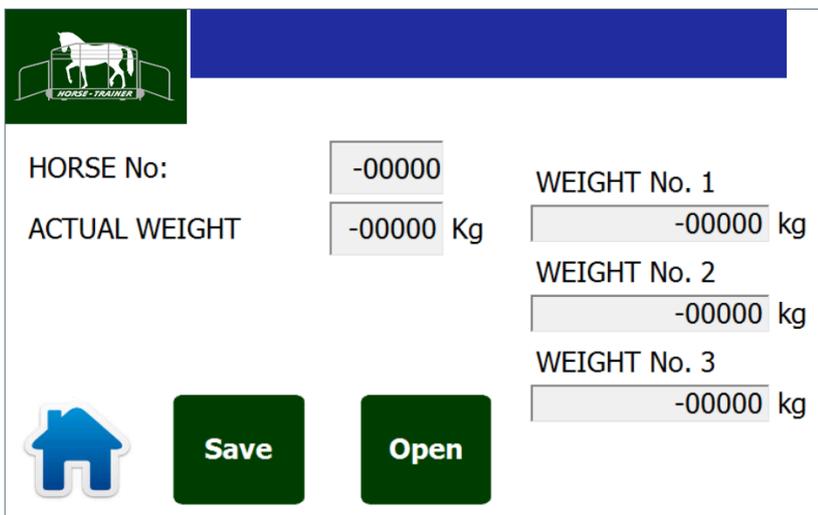
When you press the “I/O” button, a screen entitled “STATUS OUTPUT / STATUS INPUT” will appear. You can use this screen to activate certain outputs and monitor certain inputs.

When you press the “SETUP” button, you will access a screen where you can switch certain functions on or off.

When you press the “STATUS” button, you will access a screen where you can monitor aspects such as the power and the frequency transformer speed, and check the current error situation. See photo on the following page.



HORSE-TRAINER RELAX WITH WEIGHING CELLS



If your Horse-Trainer RELAX is fitted with weighing cells, you can display the weight of the horse using the “Current weight” option. You can also view the results of the three most recent weighings of the horse in question.

”SAVE WEIGHT”:

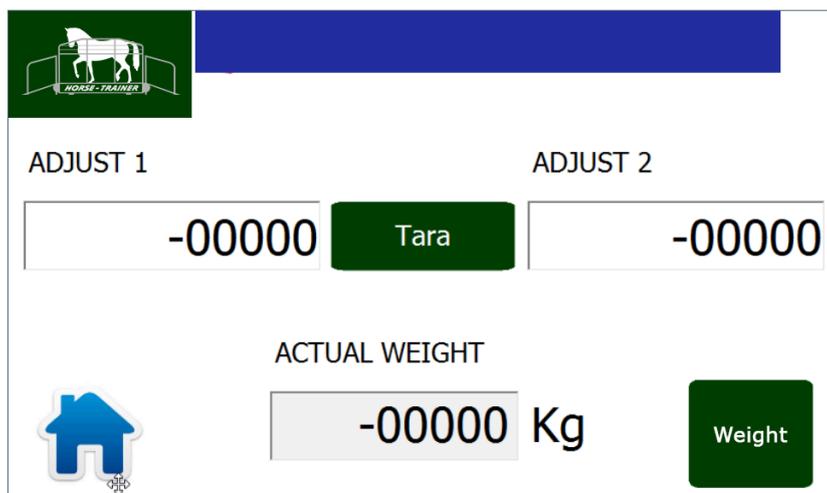
To save the results of a weighing, press (Horse. no.) “SAVE WEIGHT”.

“GET WEIGHT”:

To view the results from the three most recent weighings of a horse, enter “Horse. no.” and then “GET WEIGHT”.

“CALIB WEIGH CELL” IN SERVICE:

In order to ensure the correct weight of the horse is shown, the display needs to be calibrated. Do as follows:



Before starting the calibration process, make sure to reset the weighing cell control unit, which is located at the bottom of the control box. Press "→O←" on the weighing cell control unit.

Then reset the display on the Horse-Trainer by pressing "TARE" on the display.

The exact weight in kg is now shown in the display on the weighing cell control unit in the control box.

Place something with a known weight on the belt. This could, for example, be a person who knows his/her own weight.

Fine tune to adjust the calibration value, and the exact weight – "Current Weight" – will be displayed. In practice, the value from the weighing cell control unit is multiplied by the factor (Adjust 1 / Adjust 2), and the result is shown in "Current Weight".

Fine tune "Adjust 1" and "Adjust 2" and the exact weight – "Current Weight" – will be displayed.

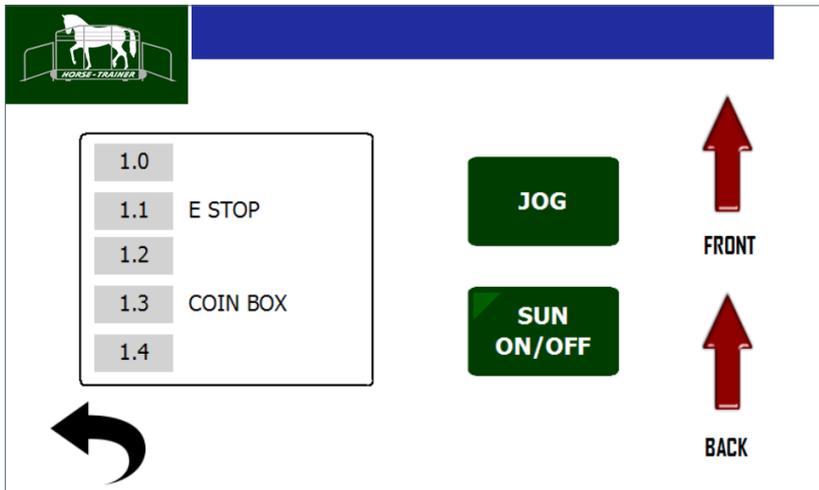
In practice, the value from the weighing cell control unit is multiplied by the factor ("Adjust 1" / "Adjust 2"), and the result is shown in "Current Weight". If you set "Adjust 1" to 1000 and "Adjust 2" to 5000, it will be almost right. Otherwise tune "Adjust 2" up or down slightly.

THE "I / O" BUTTON

When you press the "I/O" button in the service menu, a screen entitled "STATUS OUTPUT / STATUS INPUT" will appear, where you can monitor certain inputs.

The "EMERGENCY STOP" status is normally "OFF" unless you press "EMERGENCY STOP", when the status will change to "ON".

COIN BOX: If COIN BOX has been selected in "SETUP", this field will display "ON".

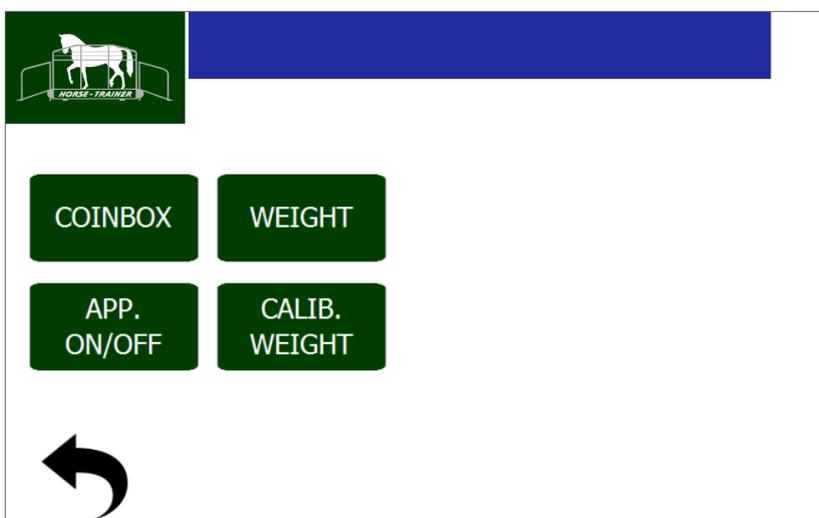


SETUP

When you press the "SETUP" button in the service menu, you can choose to select or deselect a number of different properties. You will need a password to enter the "SETUP" screen, but this is not something you have to use on a daily basis.

"COIN BOX": Use this ON/OFF button to select or deselect the coin box option.

"WEIGHING SYSTEM": Use this ON/OFF button to select or deselect the weighing cells option.



The “CURRENT POWER” field shows the current motor power.

The “CURRENT SPEED” field shows the current frequency (speed) of the motor.

You can use the “DIAGNOSIS” and “ERROR” fields in connection with troubleshooting procedures.

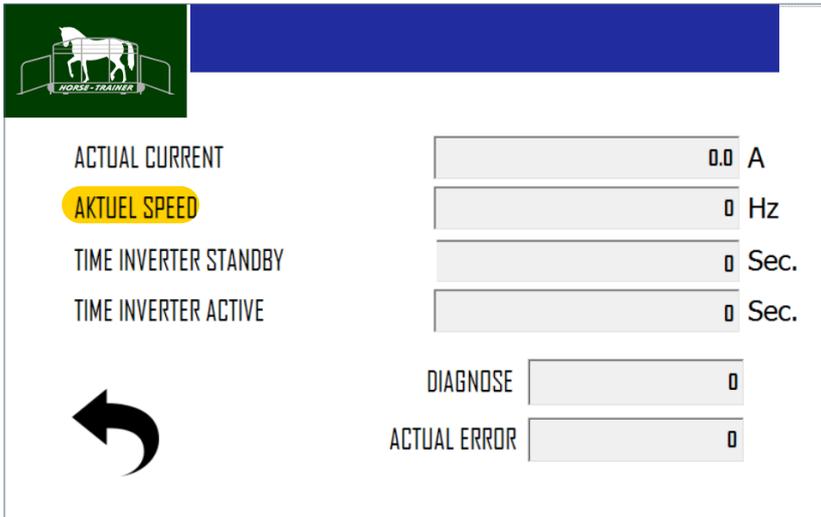


CHART OF TIMES AND FREQUENCIES

	min	Hz	min	Hz	min	Hz	min	Hz
MANUAL (adjustable 15–40 Hz)	30							
BLOOD CIRCULATION (10 min)	5	25	5	26				
MASSAGE (20 min)	5	31	5	32	5	33	5	34
MUSCLE (30 min)	10	38	10	39	10	40		

The “MANUAL” program runs for 30 minutes at the “speed” (frequency) you have set on the speed scale. This means that the speed is adjustable, and you can raise/lower the platform yourself.

The “BLOOD CIRCULATION”, “MASSAGE” and “MUSCLE” programs tilt the vibration platform systematically up front, up back, up right side and up left side to stimulate the horse’s joints and tendons and to shift the weight.

You can switch on the heating lamp even if the program has not started.

SETUP AND CONNECTION

When using forklifts to move Horse-Trainer units, make sure that the forks and lifting chains do not damage the parts fitted to the machine.

Place the Horse-Trainer on a flat, horizontal floor to avoid twisting the structure. Check using a spirit level. It is especially important that the floor is level cross-wise. Do not install the Horse-Trainer in places where it may be subjected to conditions such as rain, hail or direct sunlight.

DIMENSIONS:

Weight: 700 kg.

Necessary space for transport: L, W, H: 2500, 1300, 2800 mm.

Necessary space for installation: L, W, H: 3500, 1350, 3600 mm. It is also important to take into account the access conditions for the horse, including the height.

The power supply required is: 3 x 400V + N + PE, 16A. The frequency transformer and power motor are fused internally with 16A fuses.

DESCRIPTION OF THE ELECTRIC CONTROL BOX

- F1: fuse for heating lamp 1 x 16A, C.
- F2: main fuse for the entire control box 3 x 16A, C.
- F3: fuse 4A, C, for 24VDC power supply, fan and coin box, if fitted.
- K1: contactor for heating lamp.
- K2: contactor for frequency converter.
- K4 is the emergency stop relay, which uses switch sets 13, 14 to take the power from K2, cutting off the current to the frequency converter.

MAINTENANCE / LUBRICATION CHART

DESCRIPTION FOR HOSES AND CABLES	Once a week	Once a month
Check the pneumatic system for damage	x	
Check cables for damage		x

DESCRIPTION FOR ELECTRICAL CABINET	Once a week	Once a month
Clean the two air filters on the sides of the control box		x

DESCRIPTION FOR REAR BARRIER	Once a week	Once a month
Lubricate the quick release mechanism with suitable grease		x

DESCRIPTION FOR HEATING LAMP	Once a week	Once a month
Switch off the power to the machine so as to disconnect the voltage from the heating lamp. Then check all sockets for damage.	x	

COMPRESSOR	Once a week	Once a month
Check air pressure max. bar (84 psi)	x	
Empty out any condensate		x
Check all hoses for leaks	x	

MISC.

Make sure to post-tighten screws and bolts one month after starting to use the equipment, and once a year thereafter.

Once a year, check all cables and wires for damage and loose connections.

WARRANTY

We provide a 2-year warranty on all components, apart from components subject to wear through normal use.

Make sure that the air pressure never exceeds 6 BAR (84 psi).

CONTACT INFORMATION

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