



Copyright © 2021 Plasson, all rights reserved.











Table Of Contents

Safety

- » Safety Overview
- » Safety Conventions
- » Cautions and Warnings
- » Storage, Transport, and Installation
- » EMC Safety

Introduction

- » System Concept
- » System Overview
- » Nest Modules (Single/Double)
- » Expulsion Sub-system
- » Egg Collection Conveyor Belt Sub-system

- » Nest Suspension Sub-system
- » Power and Control System Overview
- » Optional Layouts
- » Typical Installation Workflow

Preparations for Installation

- » Installation Requirements
- » Required Tools and Labor

Installation

- » System Unpacking
- » Assembly Instructions
- » Power and Control Connections

- » Nest Opening/Closing Schedule Setup
- » Bill of Materials (BOM)

Operation Instructions

- » Lowering the Nests to the Floor
- » Running the Egg Collection Conveyor Belt

1. Safety

This chapter contains an overview of the Plassnest safety concerns and includes:

- Safety Overview
- Safety Conventions

EXECUTION PLASSON®

- Cautions and Warnings
- Storage, Transport, and Installation

Livestock

EMC Safety

1.1 Safety Overview

Livestock

EPLASSON®

Plasson's Plassnest has been designed to meet all known safety requirements.

During normal operation, the Plassnest presents no hazards to the operator or other personnel. However, in certain circumstances, the following potential hazards to operators and maintenance team personnel exist:

- Electrical shock (220 VAC)
- Mechanical hazard (moving parts, pinch points, etc.)
- Overhead hazard
- Heavy object hazard

The information and instructions presented in this document are intended to help personnel work with Plassnest in a safe, effective, and efficient manner.

1.2 Safety Conventions

Livestock

EPLASSON[®]

Safety information is presented as follows:



Safety

Caution is the signal word used to indicate a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It may also be used alert against unsafe practices.

WARNING

Warning is the signal word used to indicate a potentially hazardous situation which, if not avoided, could result in death or severe injury.

DANGER

Danger is the signal word used to indicate an imminently hazardous situation which, if not avoided, will result in death or severe injury. This signal word is limited to the most extreme situations.



1.3 Cautions and Warnings

The following instructions and guidelines are necessary to ensure safe operation and long system life. Before performing any work on the system, become familiar with the following safety sections:

1.3.1 General Safety Cautions

! CAUTION

- Read the installation and operation instructions prior to installing or before servicing the system.
- Before working on the system, read all safety standards and instructions to avoid injury or damage to equipment or property.
- Electrical connections must be serviced by a qualified electrician, using certified components only, and according to local regulations and standards.
- Shut off the system before conducting system maintenance.
- Proper operation of the system is not guaranteed if unauthorized parts are used.
- Clean up spills and leaks immediately.
- In case of unusual or irregular noise or vibration, it is necessary to switch off the system.

! CAUTION

- Follow operation Instructions and maintenance procedures to prevent mineral and scale build-up.
- Follow operation Instructions and maintenance procedures to prevent algae growth on wet surfaces.
- DO NOT use water containing chlorine as it will cause corrosion.
- DO NOT use water containing chlorides content higher than 200mg/l as it will cause corrosion.

1.3.2 General Warnings

Livestock



• **Hazardous Voltage:** Contact with electrical equipment can cause electric shock or burn if the power supply is turned on. Before starting any work on electrical equipment, disconnect the machine from the power socket.

1.4 Storage, Transport, and Installation

CAUTION

Storage safety:

- Ambient temperature must be between 5°C and 60°C.
- System must not be exposed to humidity, rain, condensation, dust, or direct sunlight during storage.

Transport safety:

- Move the system only when empty of water.
- Move the system using appropriate lifting equipment.
- Avoid heavy vibration during transport.



Installation safety:

- The operator is responsible for the equipment and must not allow unauthorized persons to use the system or be in its vicinity.
- Whenever you handle or repair the equipment, turn off the power supply first.
- Maintenance and repairs must be carried out by qualified technicians authorized by Plasson.
- Always use Plasson components when replacing any defective components.
- All electrical parts must be grounded and installed by a qualified electrician.
- Pay close attention to the safety symbols on the components, as carelessness can lead to serious injury and even death.

1.5 EMC Safety

All Plassnest components comply with IEC EN 61000-6-3, the emission standard for residential, commercial, and light industrial environments.

Safety

2. Introduction

EPLASSON®

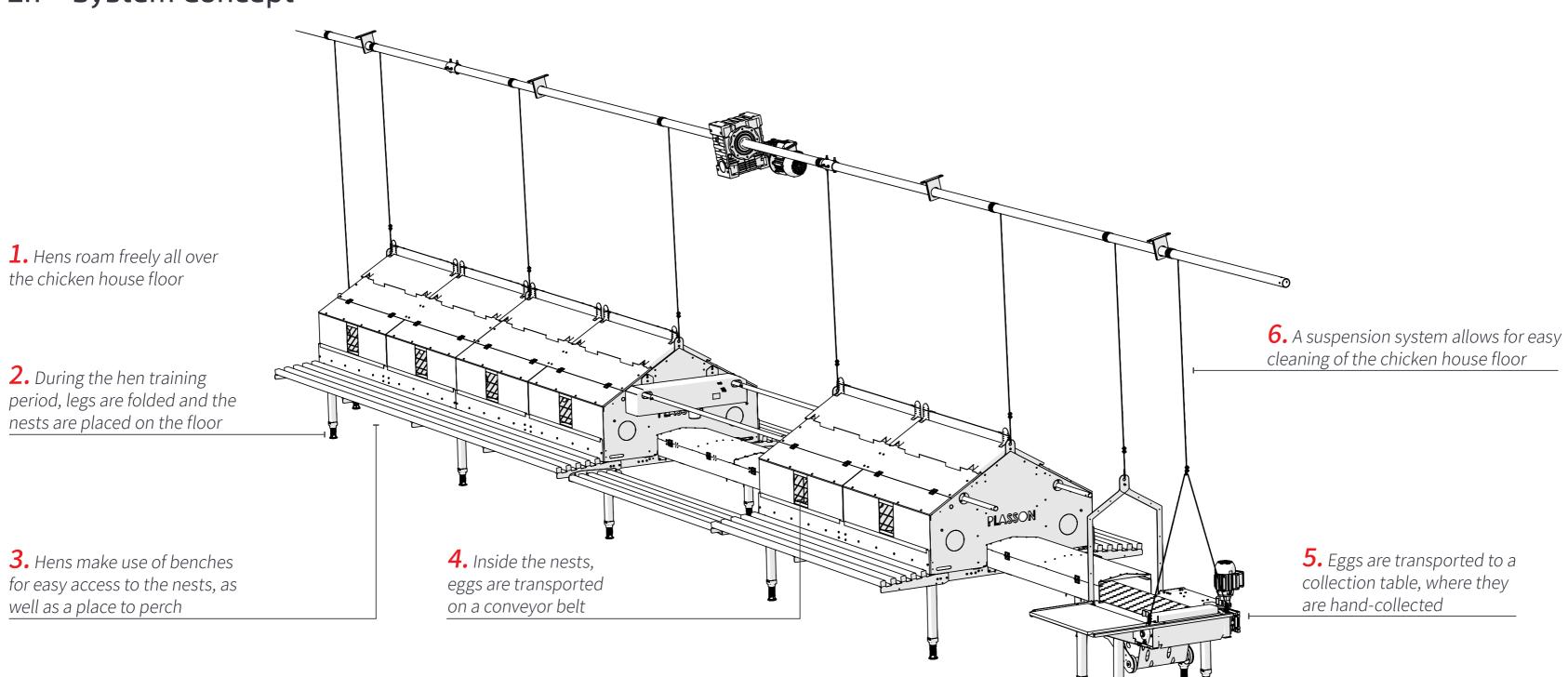
This chapter introduces the Plassnest system and includes:

Livestock

- System Concept
- System Overview
- Nest Modules (Single/Double)
- Expulsion Sub-system
- Egg Collection Conveyor Belt Sub-system
- Nest Suspension Sub-system
- Power and Control System Overview
- Optional Layouts
- Typical Installation Workflow

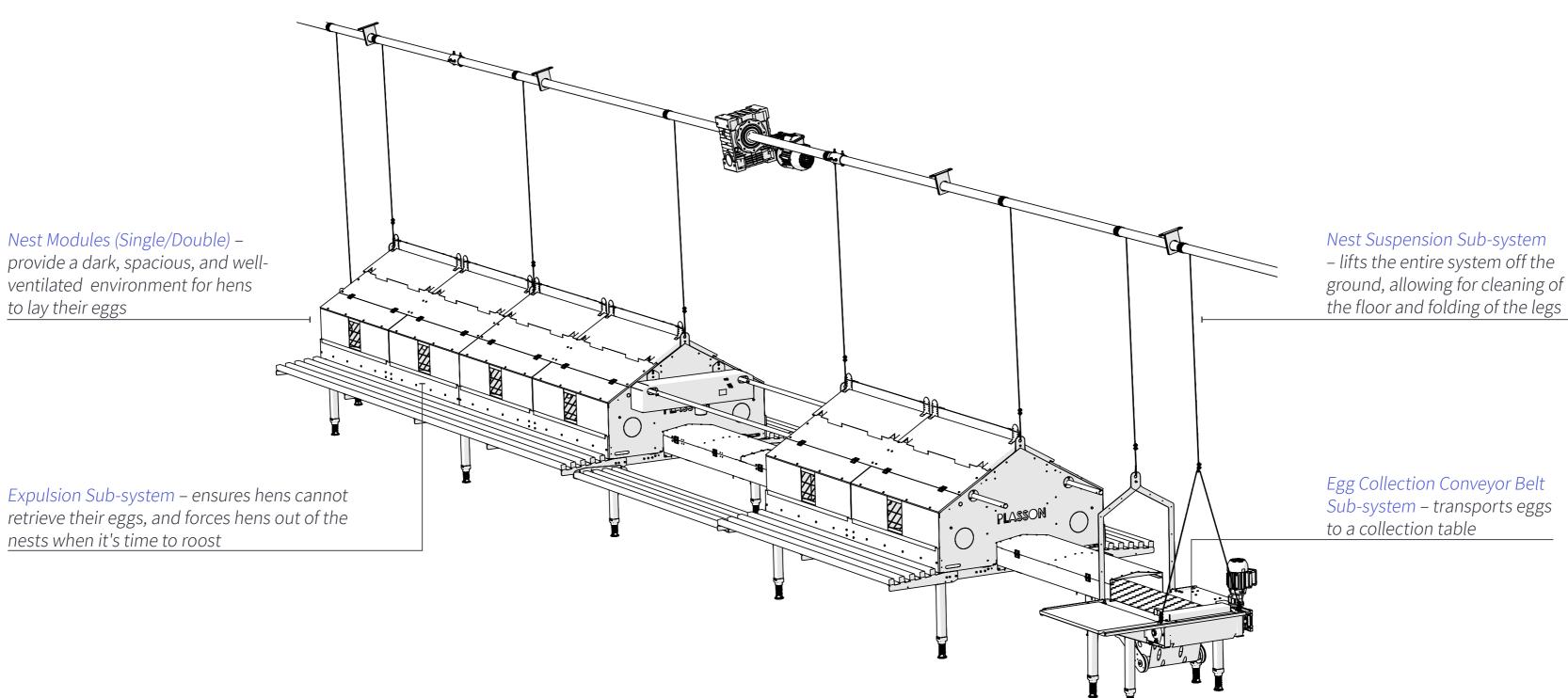
System Concept

Livestock



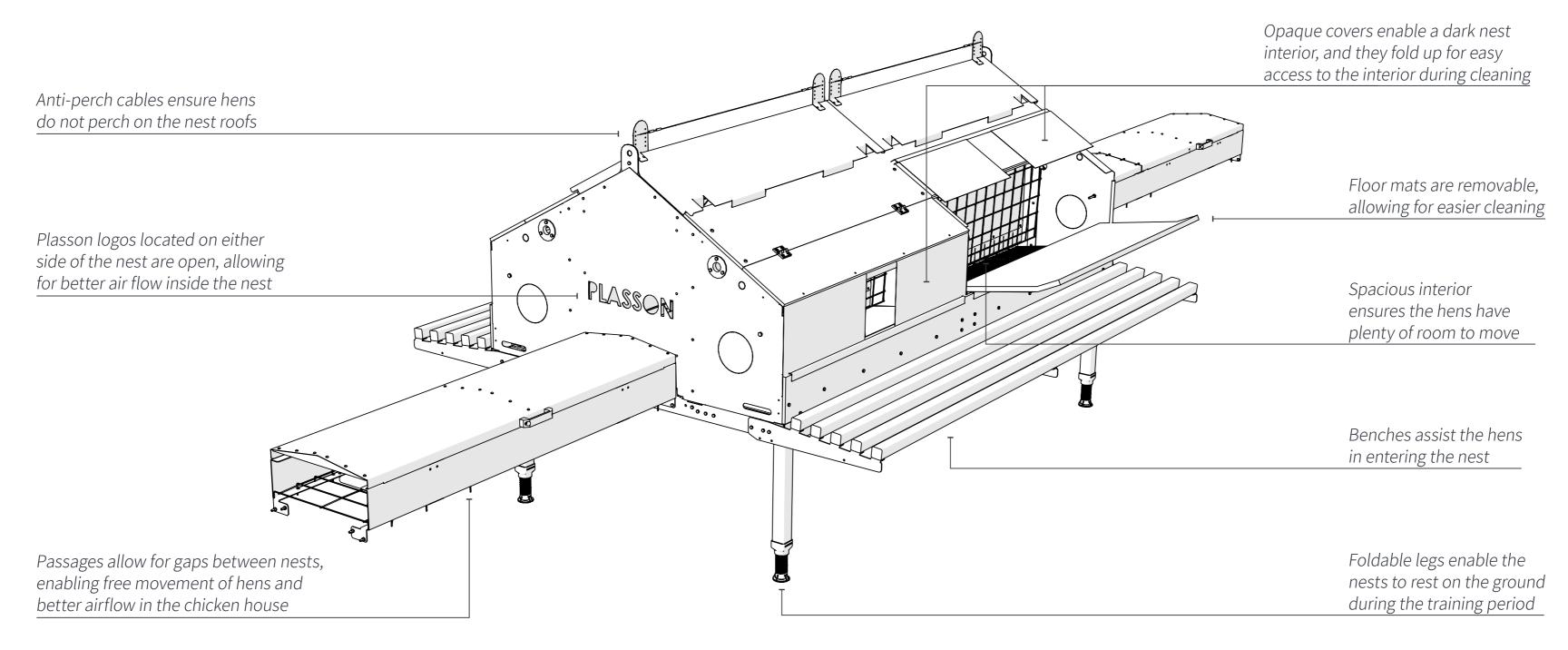
2.2 System Overview

Livestock



2.3 Nest Modules (Single/Double)

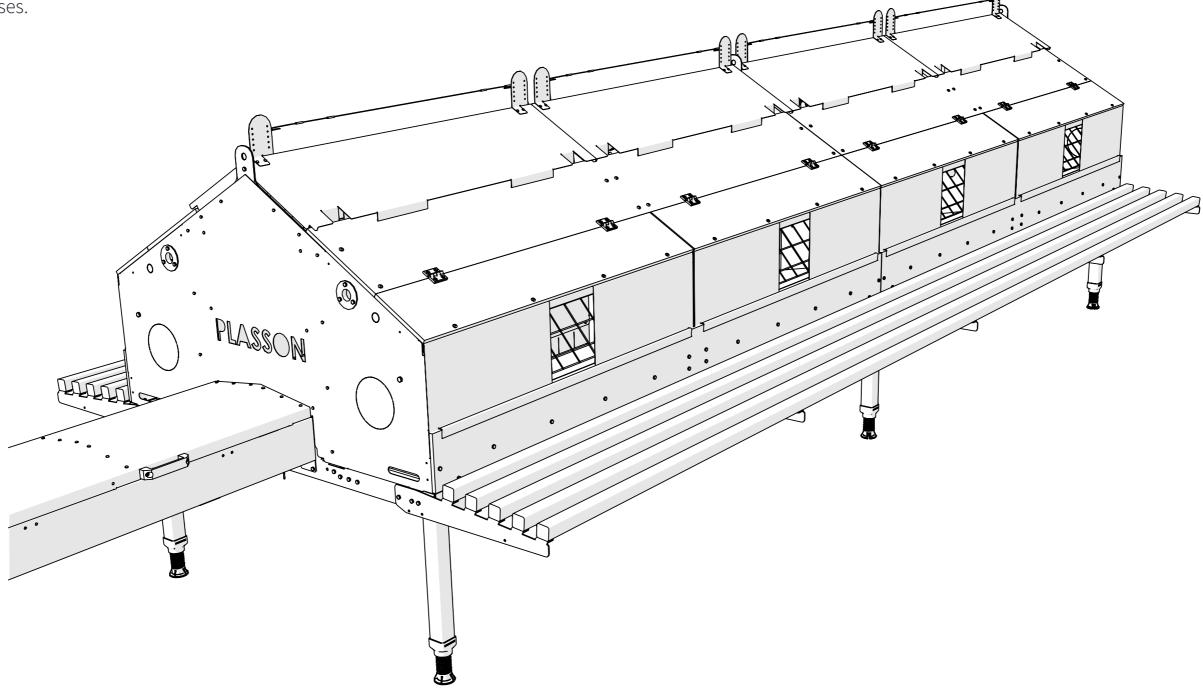
Livestock



The double nest module provides the same environment for hens as the single nest module. Double nest modules allow for more nesting space in longer breeder houses.

Livestock

EXECUTION PLASSON®

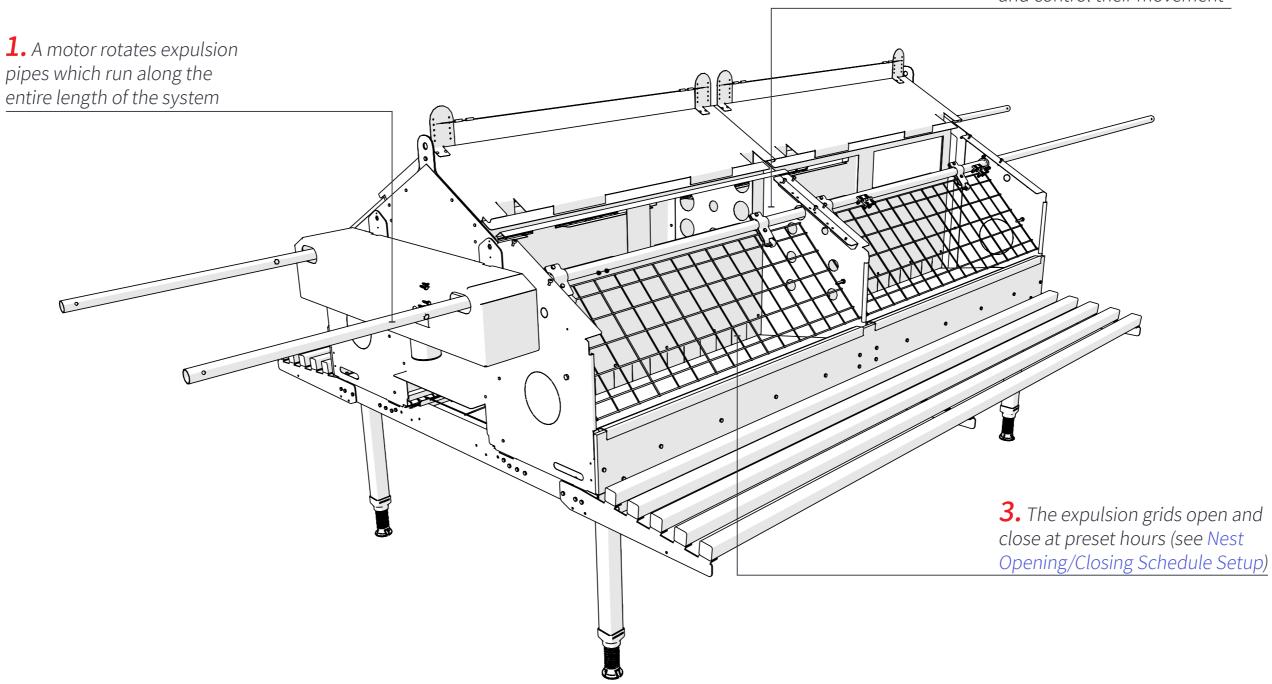


Expulsion Sub-system

Livestock

EPLASSON®

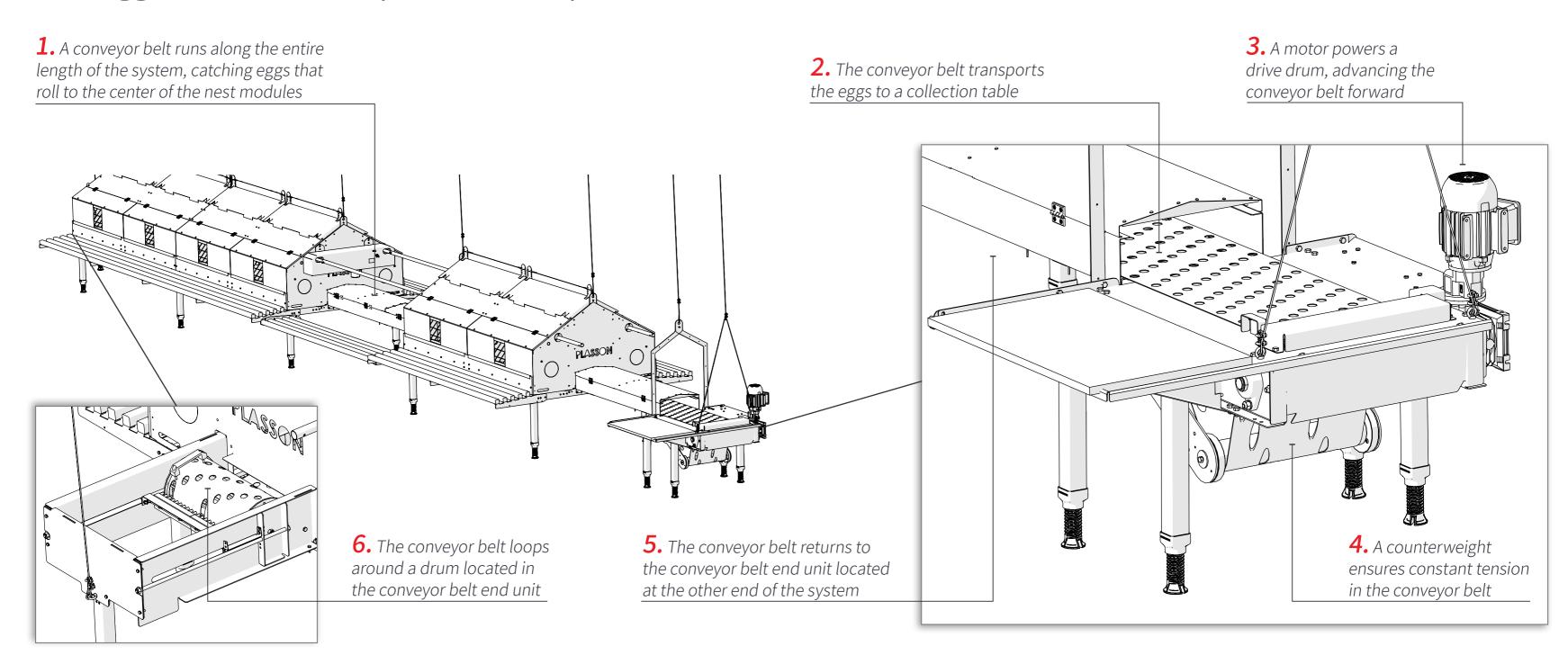
2. The expusion pipes are connected to expulsion grids and control their movement



Egg Collection Conveyor Belt Sub-system

EPLASSON®

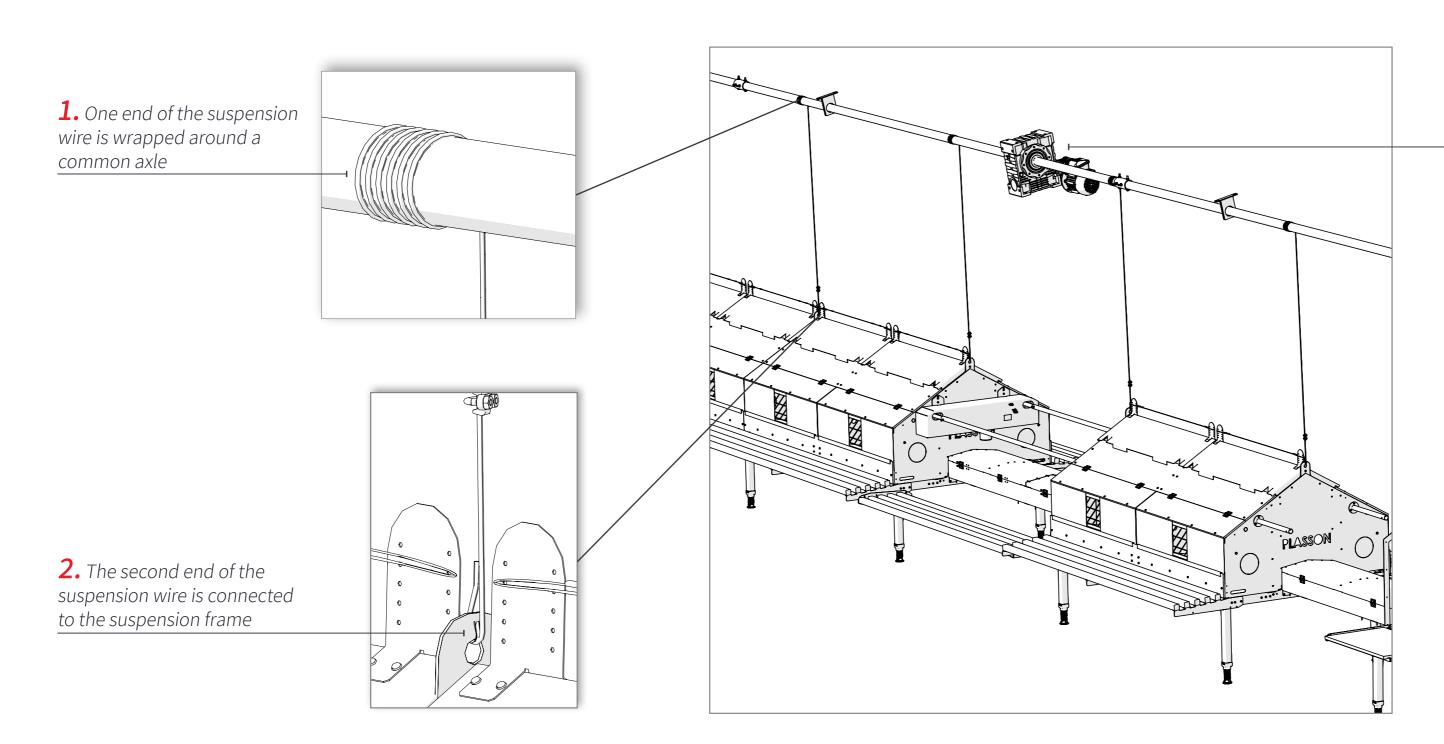
Livestock



Nest Suspension Sub-system

Livestock

EPLASSON®



3. A drive unit attached to the building's rafter tie rotates the common axle, raising and lowering the entire system

2.7 Power and Control System Overview

Expulsion system timer – sets the times of the day when the expulsion system opens and closes (see Nest Opening/Closing Schedule Setup)

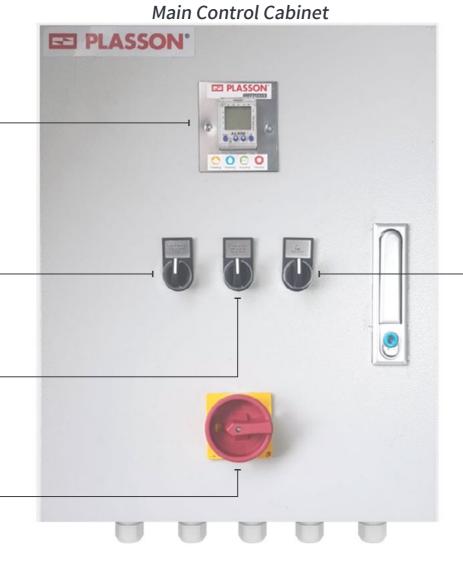
EE PLASSON®

Livestock

Expulsion mode switch – enables opening and closing of the expulsion system to be controlled automatically via the timer (**Auto**) or manually via the Expulsion Movement switch (**Manual**)

Expulsion movement switch – enables manually opening (**Open**) and closing (**Close**) the expulsion system

Main power switch

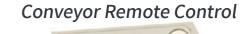


Conveyor belt control buttons – control the speed of the converyor belt (see Running the Egg Collection Conveyor Belt)

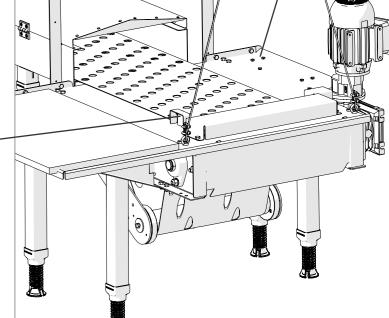
Converyor belt emergency stop button – immediately stops conveyor belt movement

Converyor belt control switch – enables conveyor belt movement to be controlled via the remote (1)

Proximity sensor – stops the conveyor belt when it senses that an egg has reached the end of the collection table









Setting switches to **0** disables their functionality

Optional Layouts 2.8

EPLASSON®

PlassNest layouts depend on the dimensions of the chicken house, the service area, and the number of layers and breeders. The following are three examples of PlassNest layouts:

Safety

- Breeder House All In All Out
- Free Range Commercial Layer House

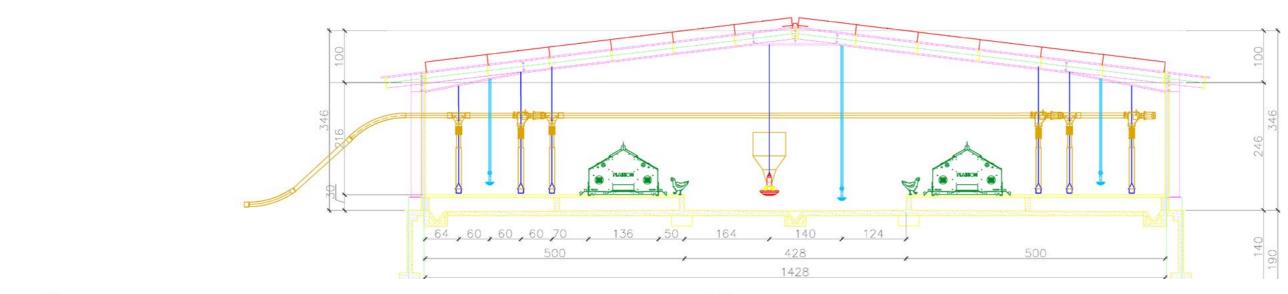
Livestock

Heavy Breeders House

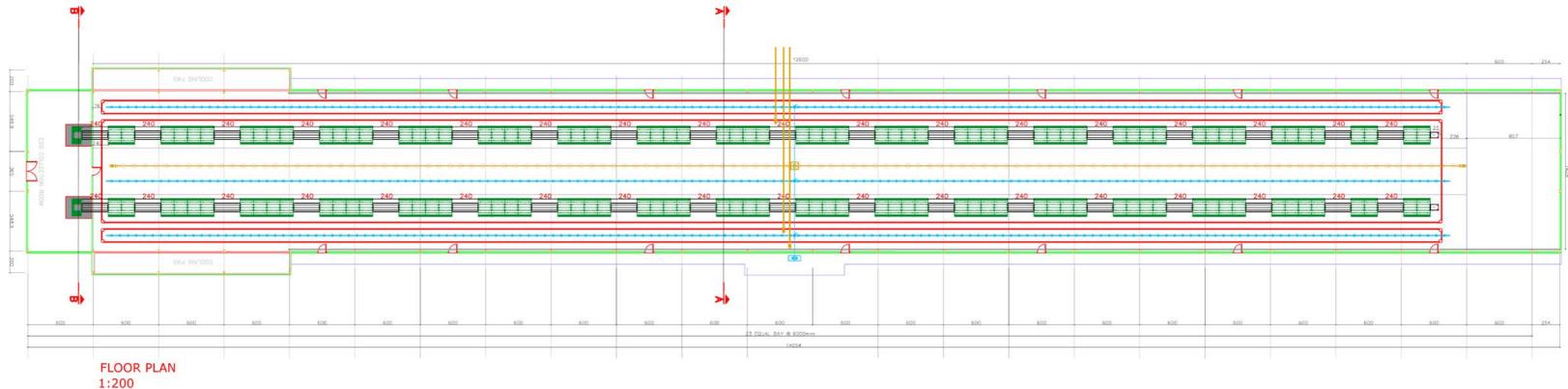
2.8.1 Breeder House – All In All Out

Livestock

EPLASSON®



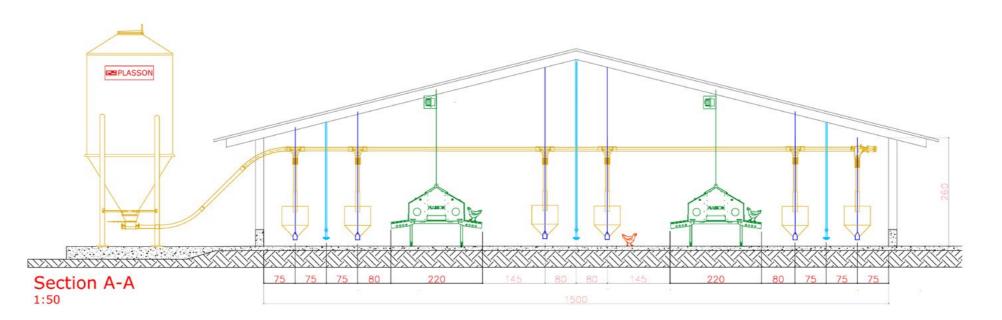
Location – Philippines Length – 126 m Width – 15.5 m



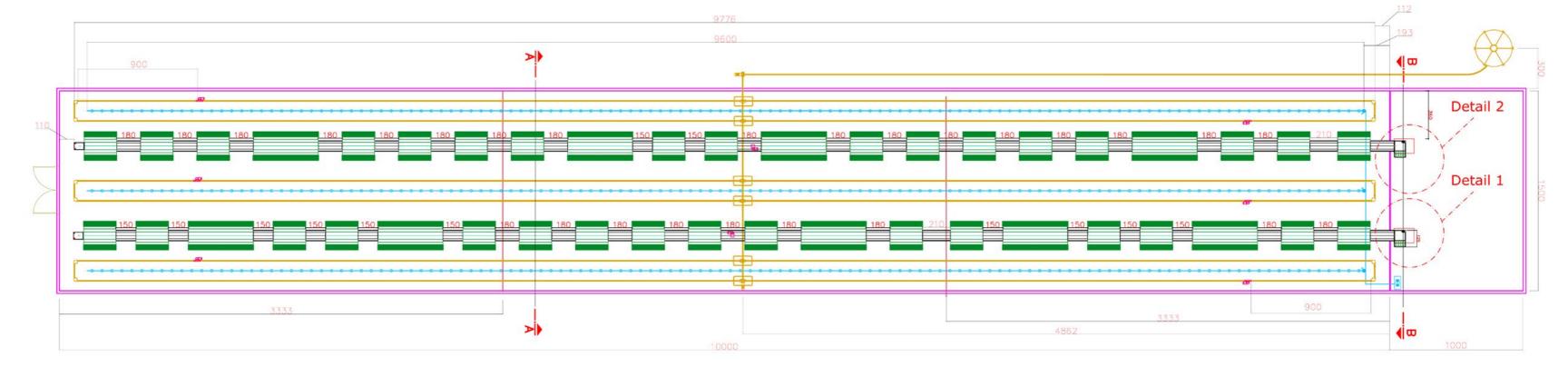
2.8.2 Free Range Commercial Layer House

Livestock

EEI PLASSON®



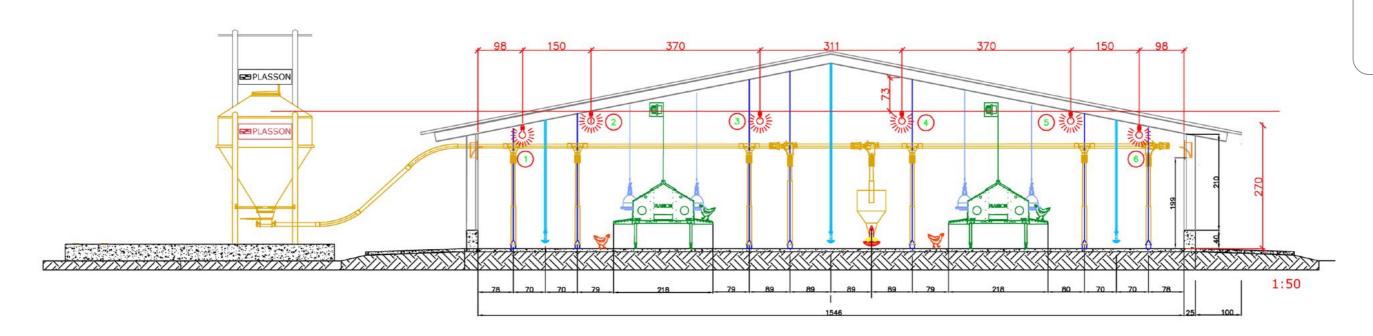
Location – France Length – 100 m Width – 15 m



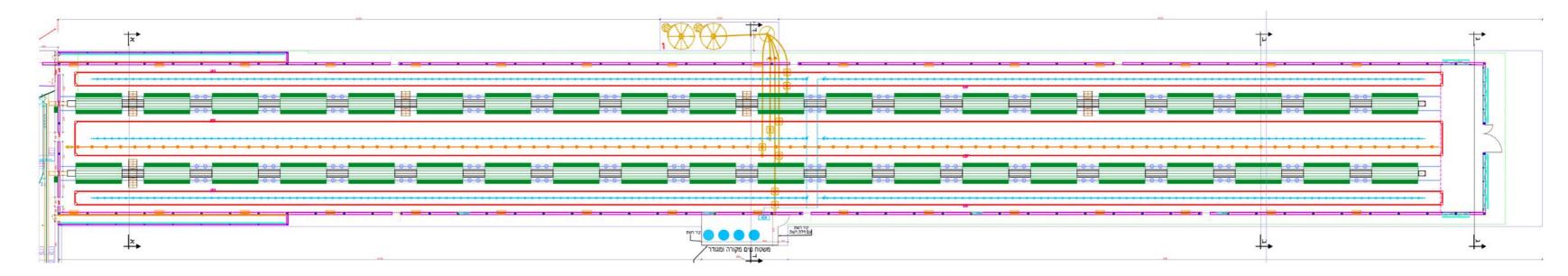
2.8.3 Heavy Breeders House

Livestock

EPLASSON®



Location – Israel Length – 150+13 m Width – 15.5 m





2.9 Typical Installation Workflow

The typical nest installation workflow is as follows:

- 1. Mark the location of the nest closest to the collection table, using the designed layout as a guide.
- 2. Measure and mark the locations of the rest of the nests.
- 3. Verify there are no conflicts with structural elements of the house (e.g., ensure that the suspension pipe bearings attached to the rafters are not directly over the suspension frames of the nests).
- 4. Verify there are no conflicts with the other systems in the house (i.e., with the cable troughs, the cross auger feeding line, etc.)
- 5. Follow the Assembly Instructions.

3. Preparations for Installation

This chapter details requirements that must be fulfilled before beginning the installation process and includes:

- Installation Requirements
- Required Tools and Labor

Installation Requirements

Livestock

EPLASSON®

Before installing the PlassNest system, ensure the following:

- All construction on the chicken house has been completed.
- The installation site is free from debris.
- Electric power for the suspension system, expulsion system, and conveyor belt is set up and ready to be connected (see Power and Control Connections)



Required Tools and Labor

Standard Tools

- Two sets of metric open-end wrenches (8, 10, 13, 17, and 19 mm)
- One set of metric ring wrenches (8, 10, 13, 17, and 19 mm)
- One set of metric socket wrenches (8, 10, 13, 17, and 19 mm)
- Two sets of Allen keys
- Screwdrivers (flat and Phillips)
- Pliers
- Plier clamps
- Hammers (rubber, plastic, and metal heads)
- Utility knife
- Scissors

Power Tools

- Two drills
- Drill bits for metal (3 to 12.5 mm)
- Drill driver NOTE: Must be non-impact
- Angle grinder
- Pop rivet gun (electric or pneumatic) NOTE: Need compressed air supply if pneumatic gun is used

Electricians Tools

• Standard electrician tools

4. Installation

EPLASSON®

This chapter reviews the tasks associated with installing the Plassnest system and includes:

Safety

- System Unpacking
- Assembly Instructions
- Power and Control Connections
- Nest Opening/Closing Schedule Setup

Livestock

• Bill of Materials (BOM)

Preparations for Installation

Installation

Operation Instructions

4.1 System Unpacking

Open the system package and verify that all the parts listed in the Bill of Materials (BOM) are located in the package and are intact. If any part is missing or damaged, contact Plasson.

Safety

NOTE:

Unpack the system in a clean and dry area.

4.2 Assembly Instructions

Livestock

EPLASSON®

This section reviews the steps required to assemble the system and includes:

	Page
Step 1: Installing the Nest Suspension Drive Unit	29
Step 2: Installing the Suspension Pipe Bearings	30
Step 3: Installing the Suspension Pipes	31
Step 4: Assembling the Nest Bases	32
Step 5: Assembling the Collection Table	36
Step 6: Installing the Passage Beams	39
Step 7: Installing the Conveyor Belt End Unit	40
Step 8: Verifying Alignment and Height of Nest Line	42
Step 9: Attaching a Cable to the Collection Table	43
Step 10: Cutting Suspension Cables to Length	44
Step 11: Connecting Suspension Cables to the Suspension Pipes	45
Step 12: Connecting Suspension Cables to Nest Line	46
Step 13: Calibrating the Suspension System	47
Step 14: Inserting the Conveyor Belt and Belt Support Grids	48
Step 15: Connecting the Conveyor Belt Ends	52
Step 16: Initial Conveyor Belt Alignment	54
Step 17: Installing the Passage Covers	57
Step 18: Assembling the Nest Side Walls	59
Step 19: Assembling the Nest Middle Wall	60
Step 20: Assembling the Nest Internal Section Walls	61

	Page
Step 21: Assembling the Wood Steps	62
Step 22: Inserting the Nest Floor Grids and Artificial Turf	65
Step 23: Installing the Expulsion Drive Unit	67
Step 24: Installing the Expulsion Pipes	69
Step 25: Installing the Expulsion Grids	70
Step 26: Calibrating the Expulsion Grids	71
Step 27: Assembling the Nest Roofs	74
Sten 28: Assembling the Benches	76

Step 1: Installing the Nest Suspension Drive Unit

Livestock

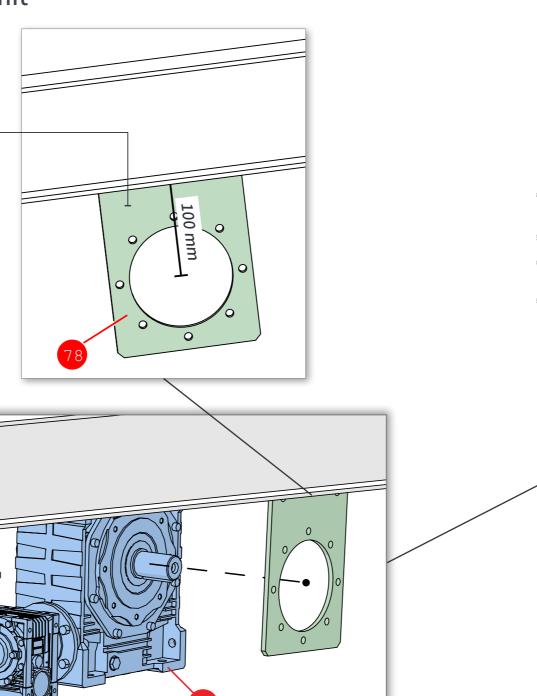
1. Weld the drive unit plate (78) to the center roof beam

EPLASSON®

NOTE:

The center of the drive unit plate circle must be 100 mm (± 2 mm) from the bottom of the beam

2. Attach the nest suspension drive unit (80) to the drive unit plate





Install the drive unit in the middle of the chicken house. If a nest line has two expulsion systems, install the drive unit between the two systems.

See Optional Layouts for more details on suspension system layout.

Step 2: Installing the Suspension Pipe Bearings

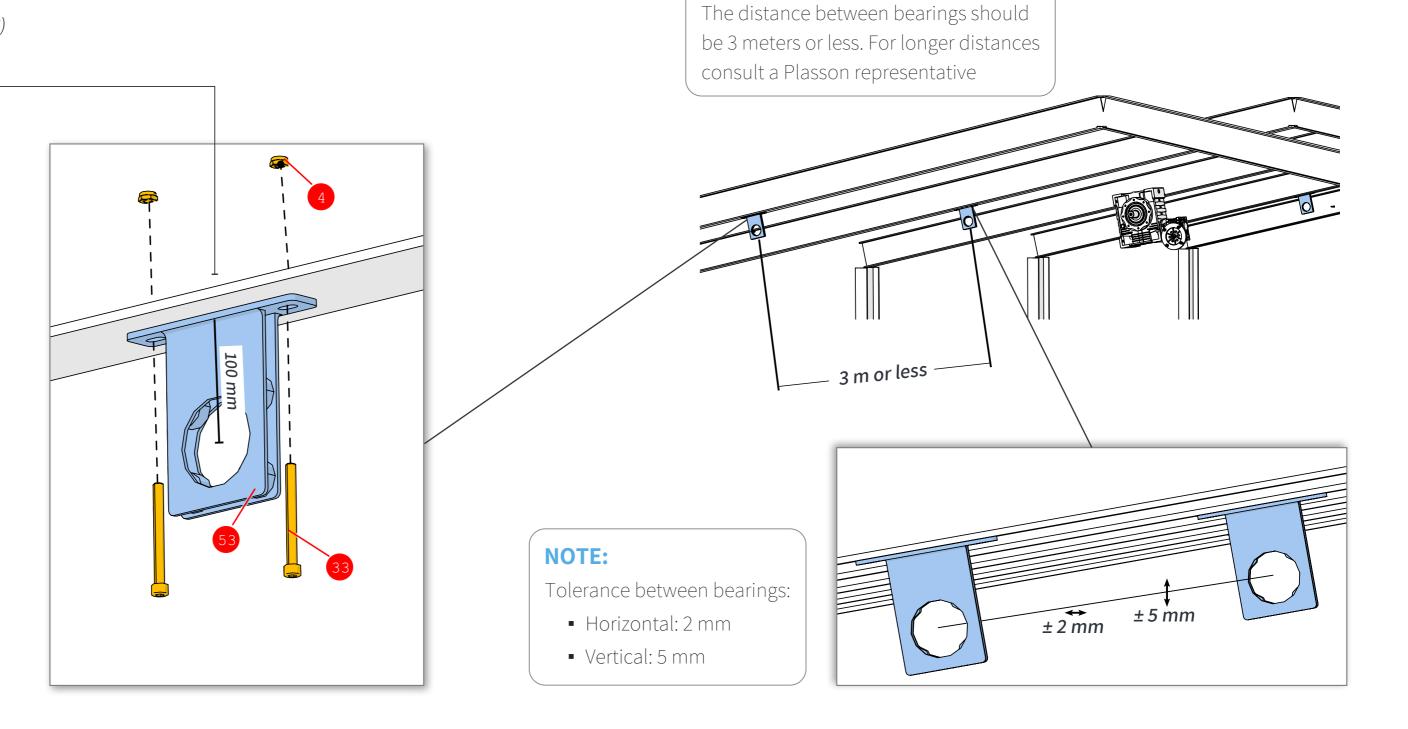
Livestock

Attach the suspension pipe bearings (53) to the roof beams using two screws (33) and two nuts (4)

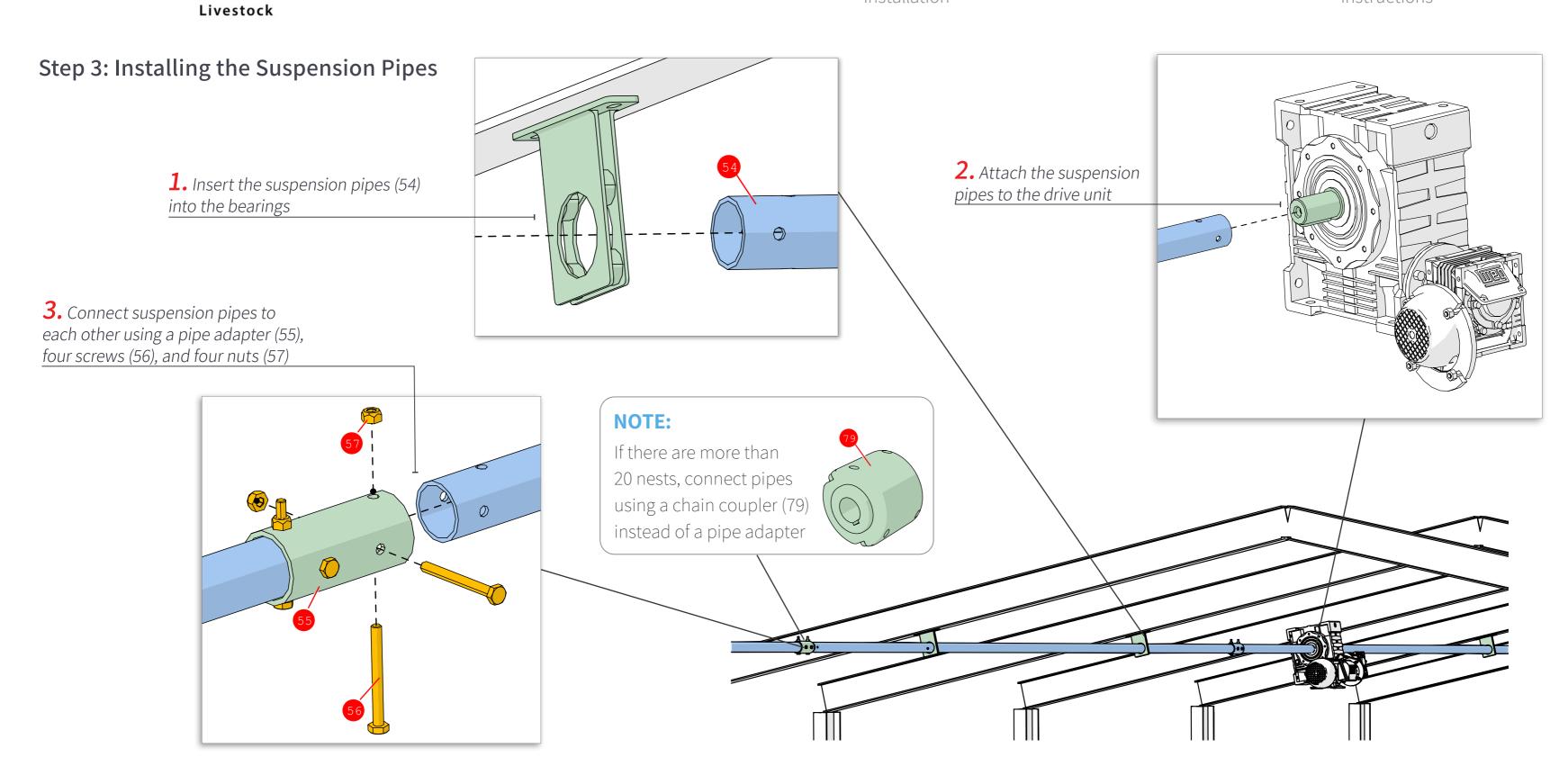
EPLASSON®

NOTE:

The center of the bearing circle must be 100 mm (± 2 mm) from the bottom of the beam



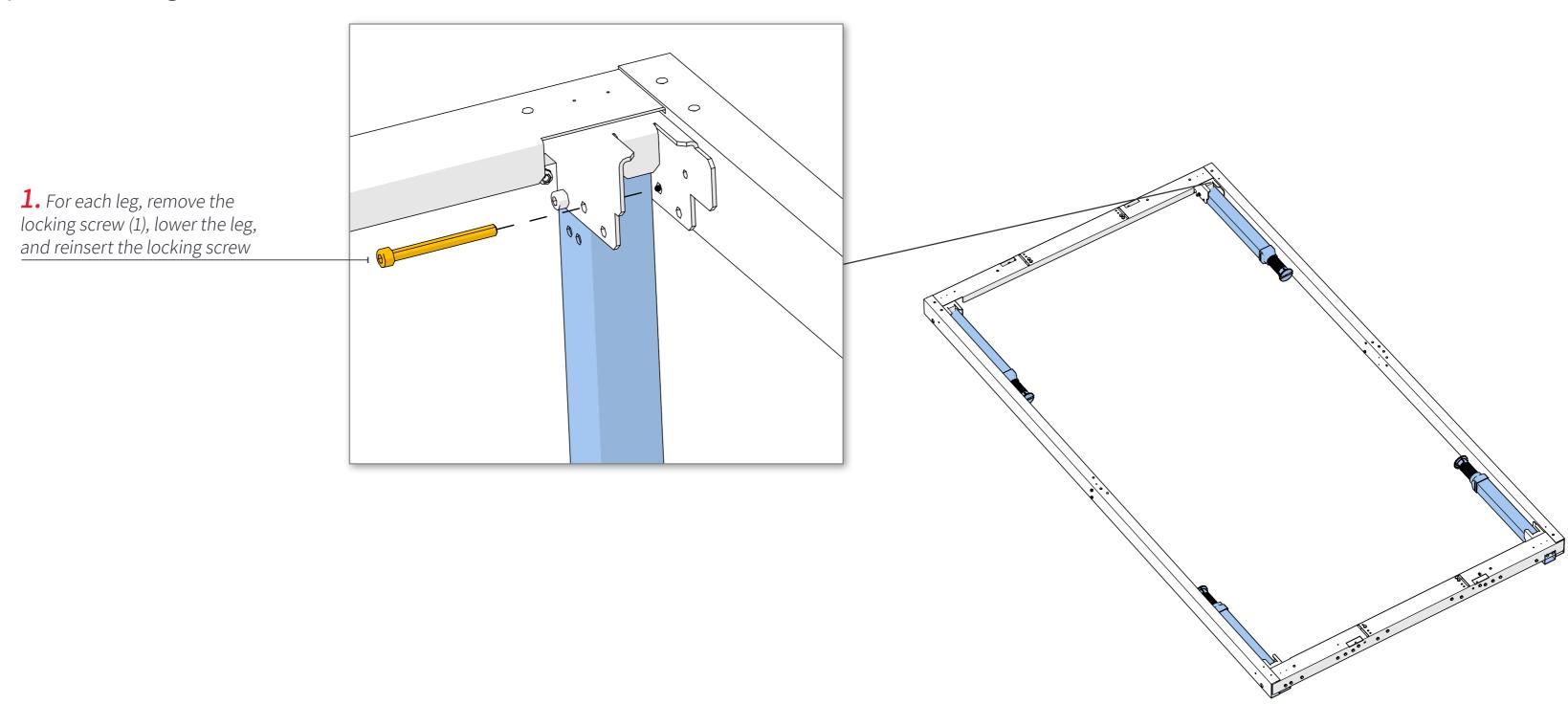
NOTE:



Step 4: Assembling the Nest Bases

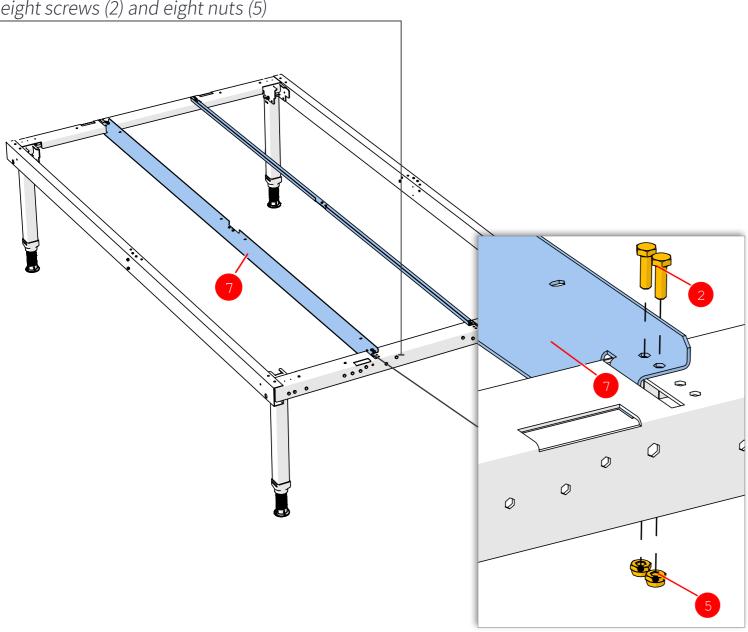
Livestock

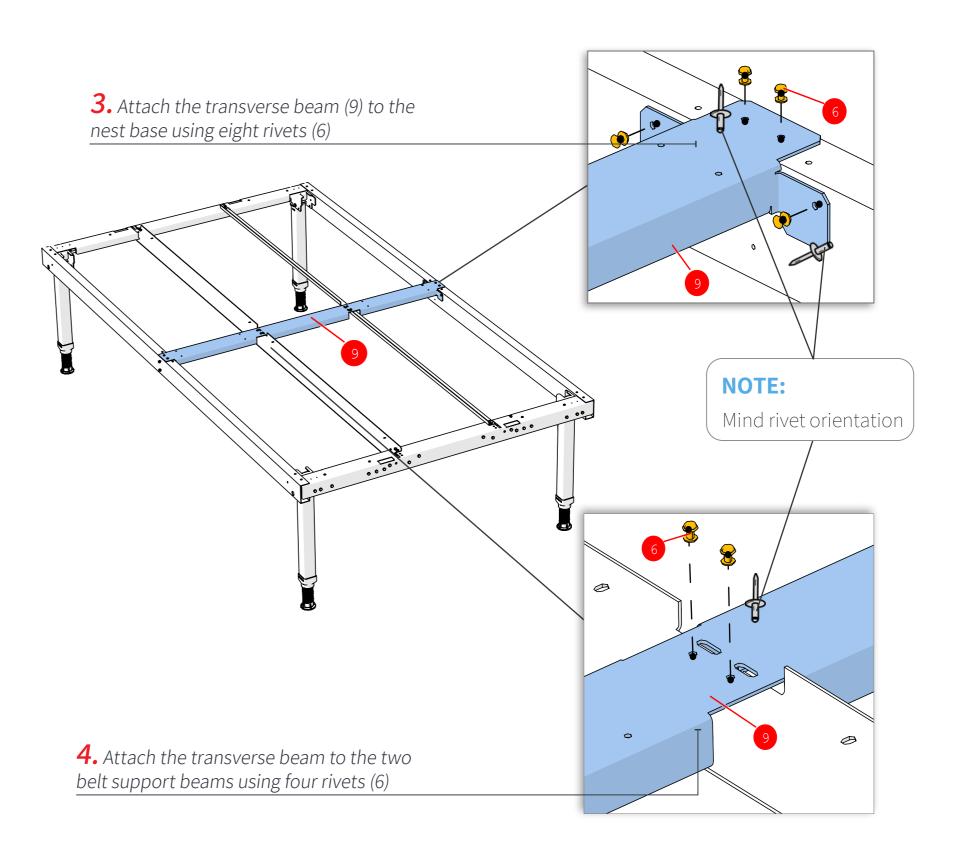
EXECUTION PLASSON®



2. Insert two belt support beams (7) into the slits in the nest base, and attach using eight screws (2) and eight nuts (5)

Livestock

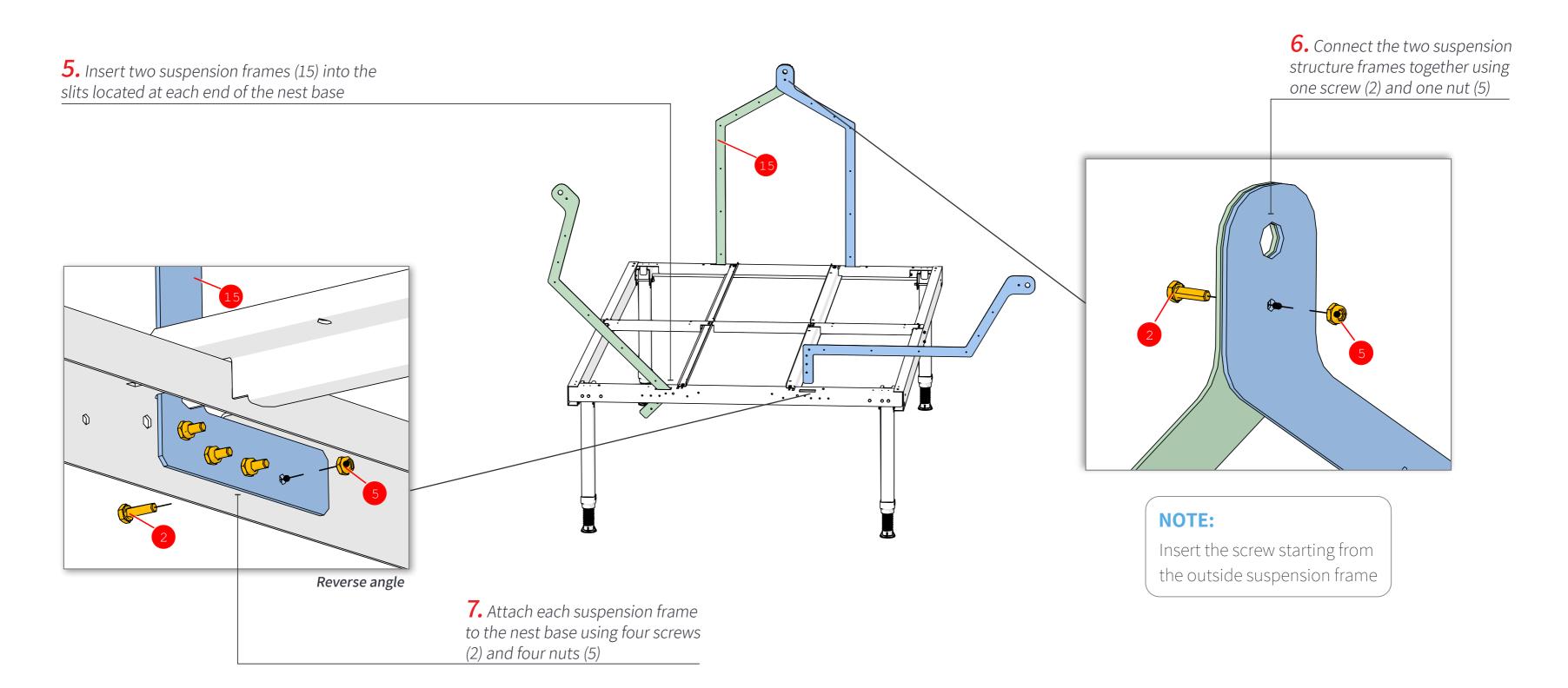




EPLASSON®

Livestock

Safety

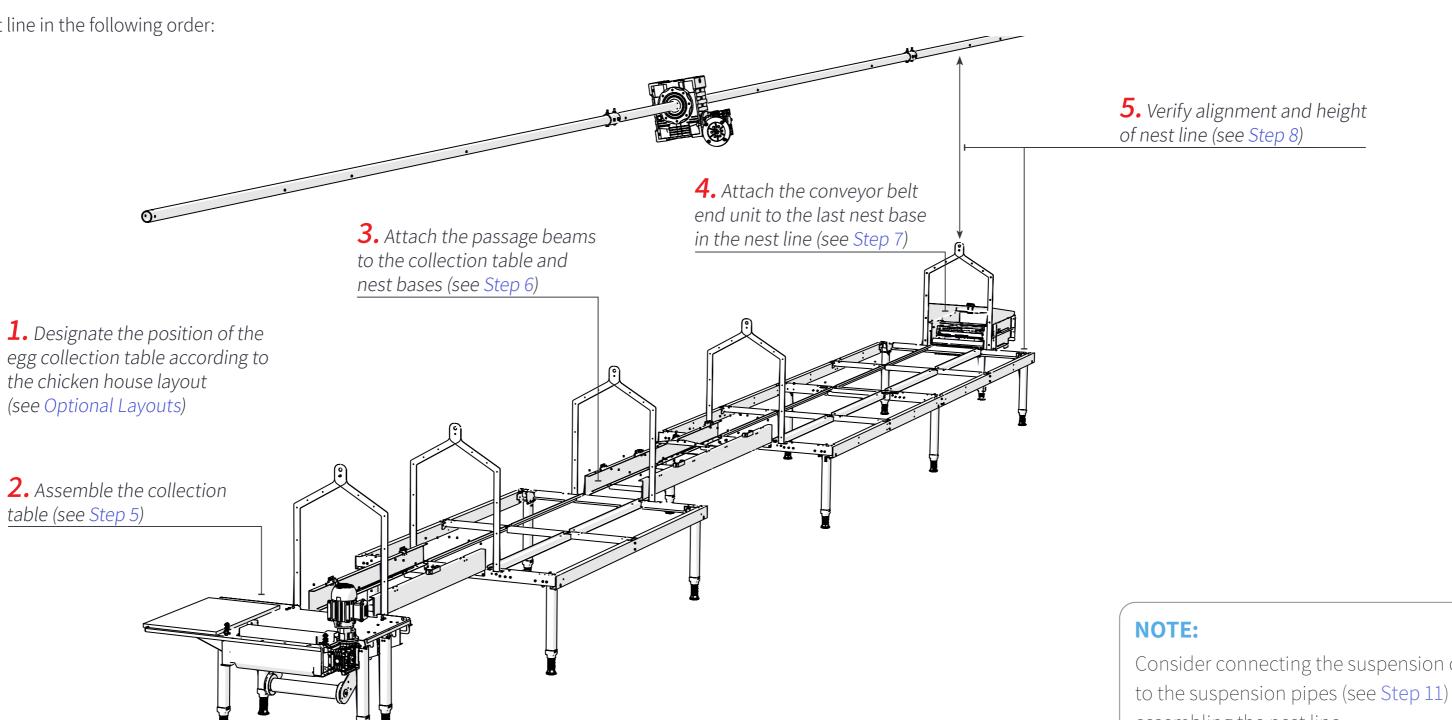


Assembling the Nest Line

EPLASSON®

Assemble the nest line in the following order:

Livestock



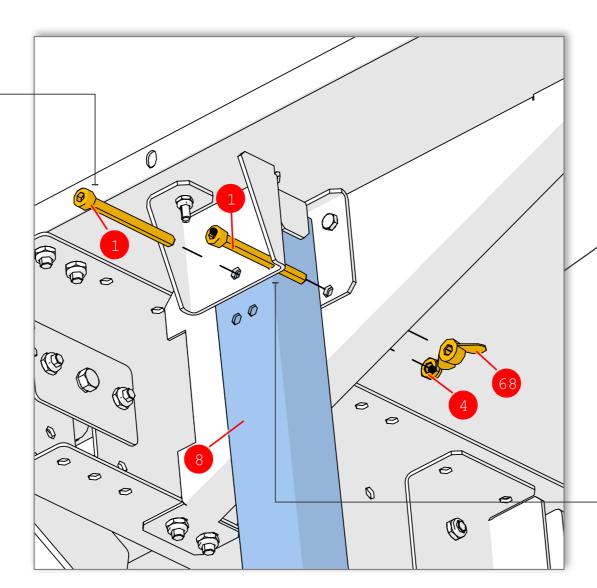
Consider connecting the suspension cables to the suspension pipes (see Step 11) before assembling the nest line

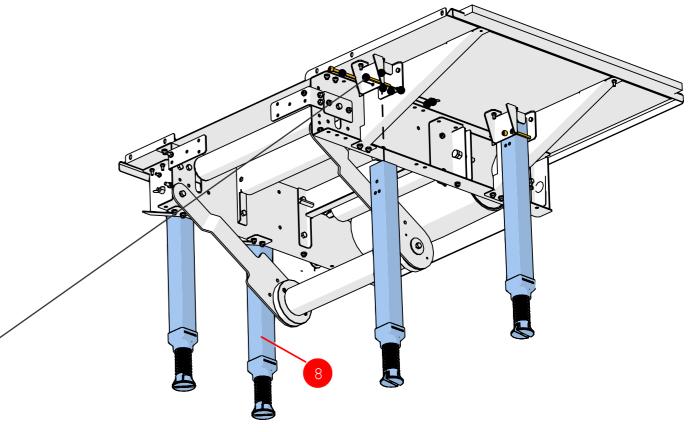
Step 5: Assembling the Collection Table

Livestock

1. Insert the four collection table legs (8) into the brackets and attach using four screws (1) and four nuts (4)

EPLASSON®

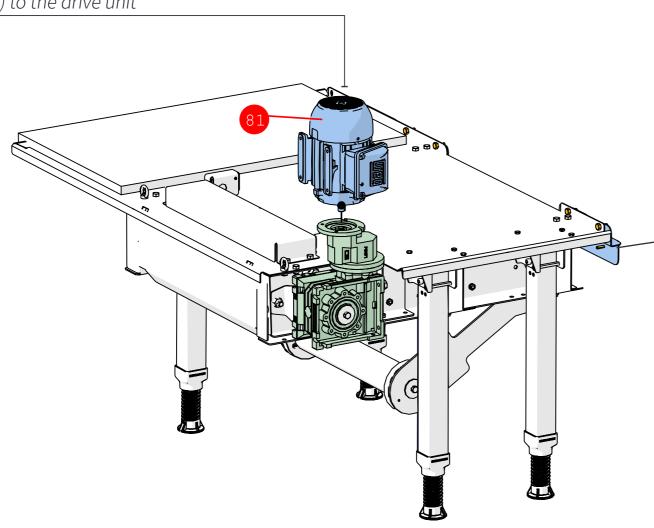


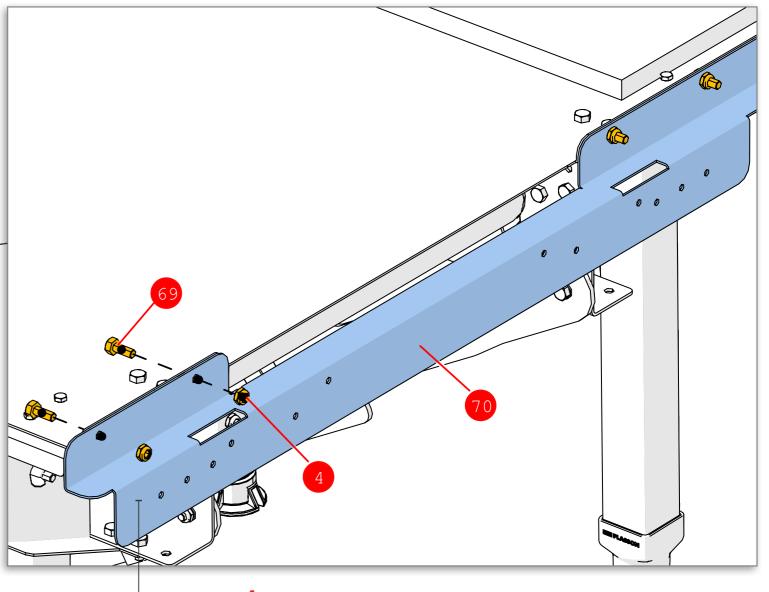


2. Insert four locking screws (1) through the four brackets and fasten with four wing nuts (68)

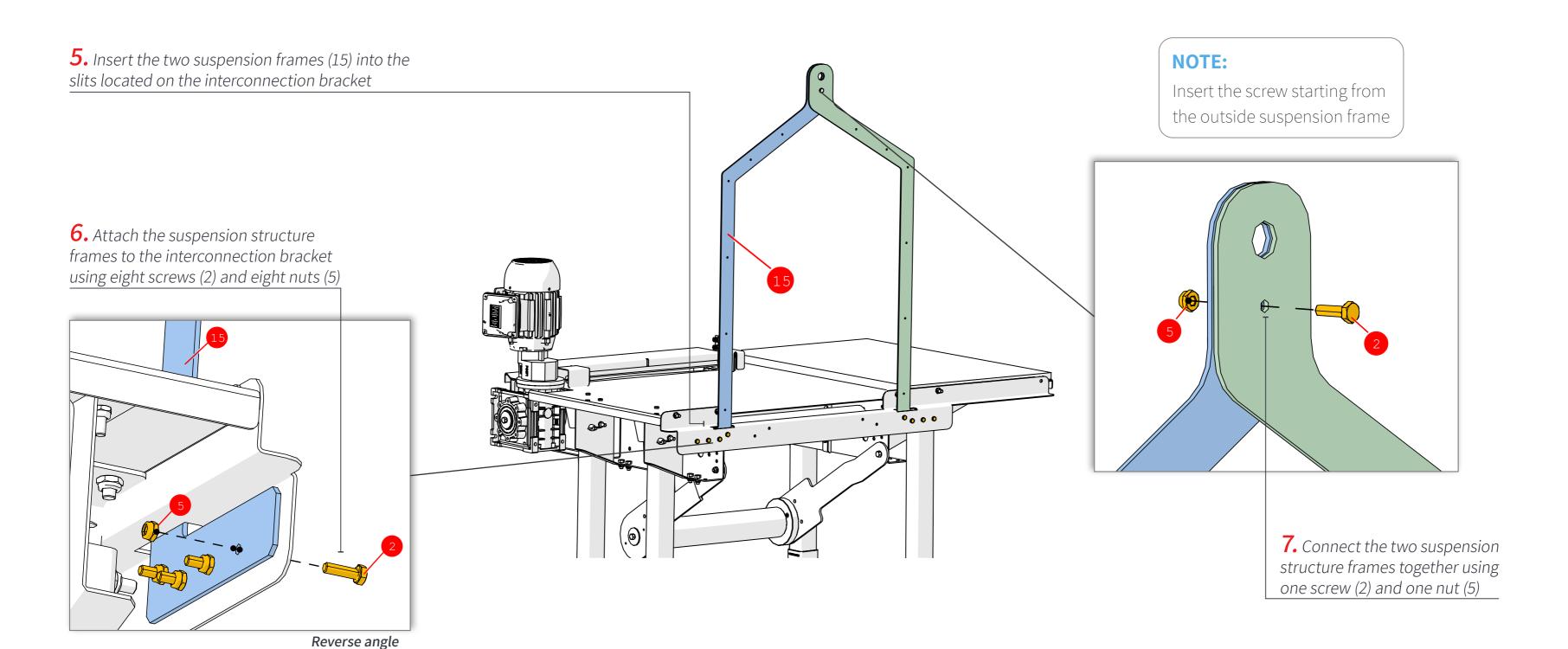
3. Connect the collection table motor (81) to the drive unit

EPLASSON®





4. Attach the table interconnection bracket (70) to the collection table using five screws (69) and five nuts (4)

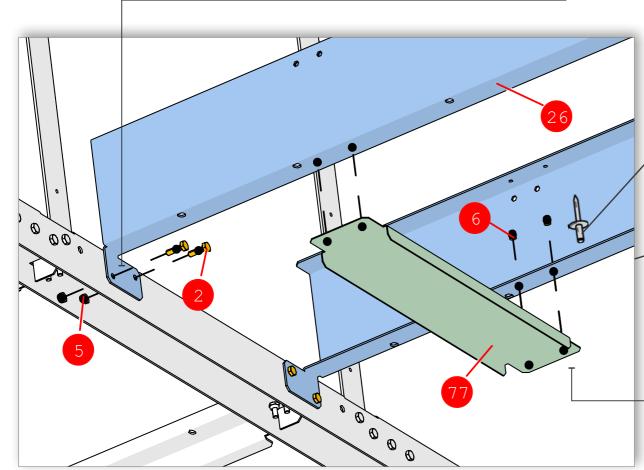


EPLASSON®



EPLASSON®





NOTE:

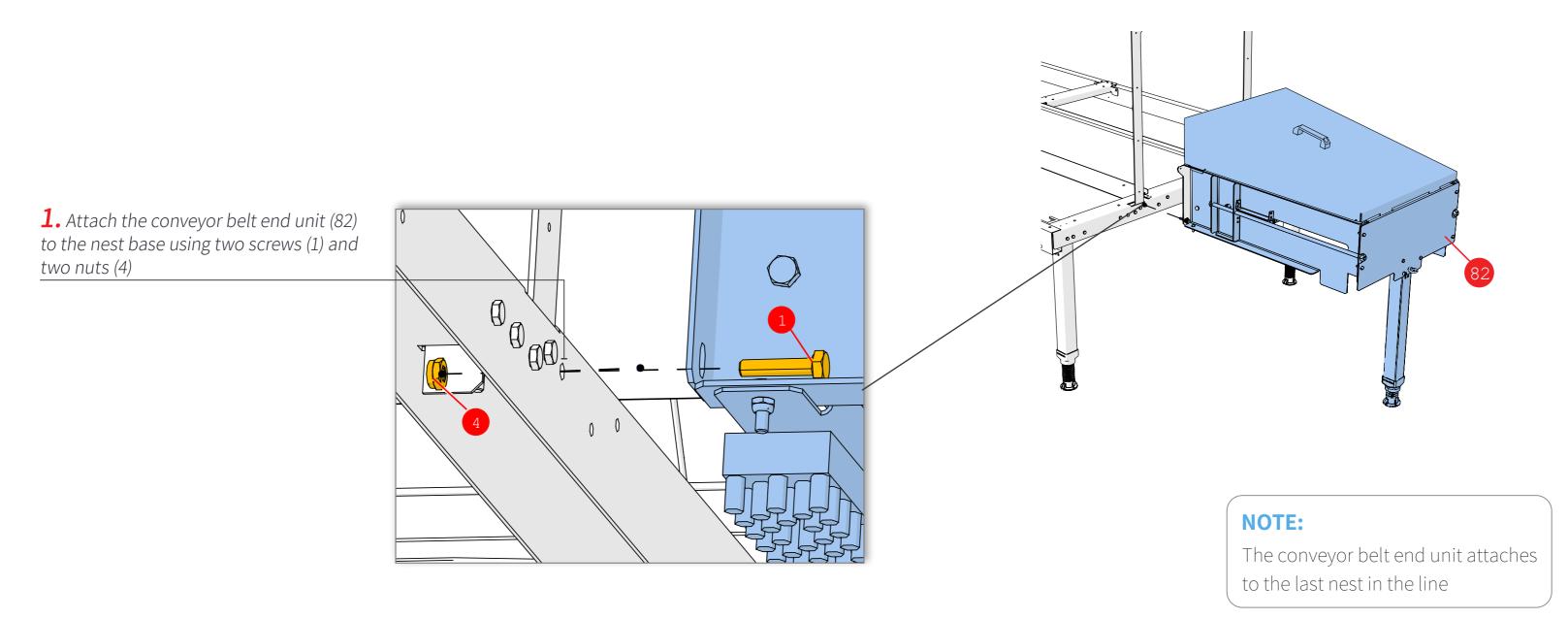
Mind rivet orientation

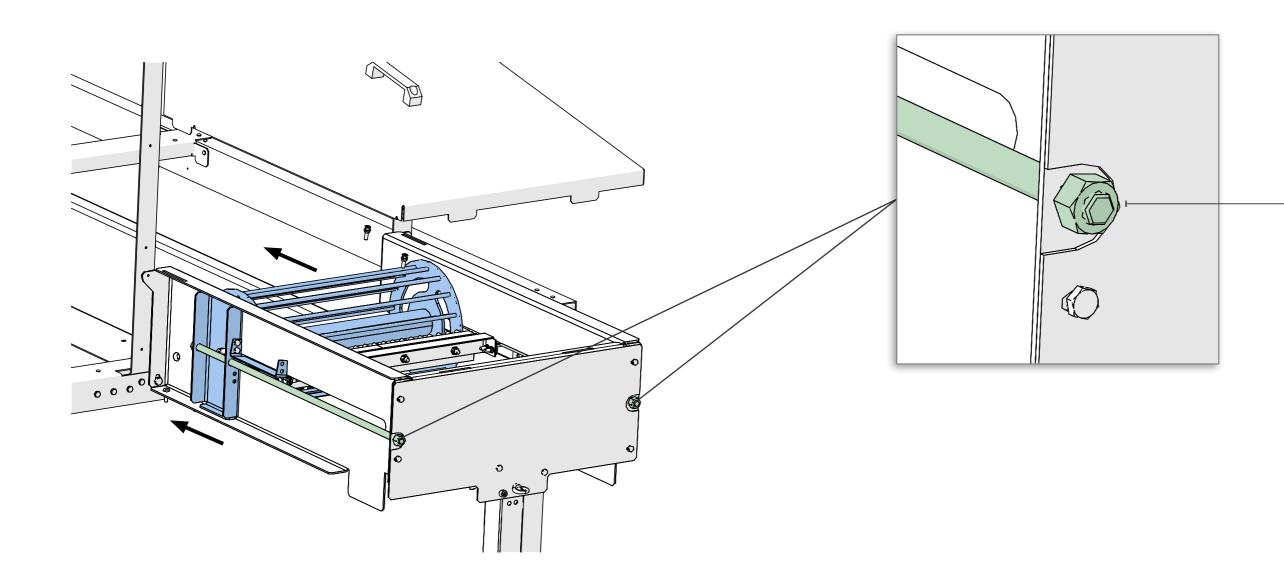
2. Attach bottom support beams (77) to the passage side beams using four rivets (6) per each support beam

Bottom view

Step 7: Installing the Conveyor Belt End Unit

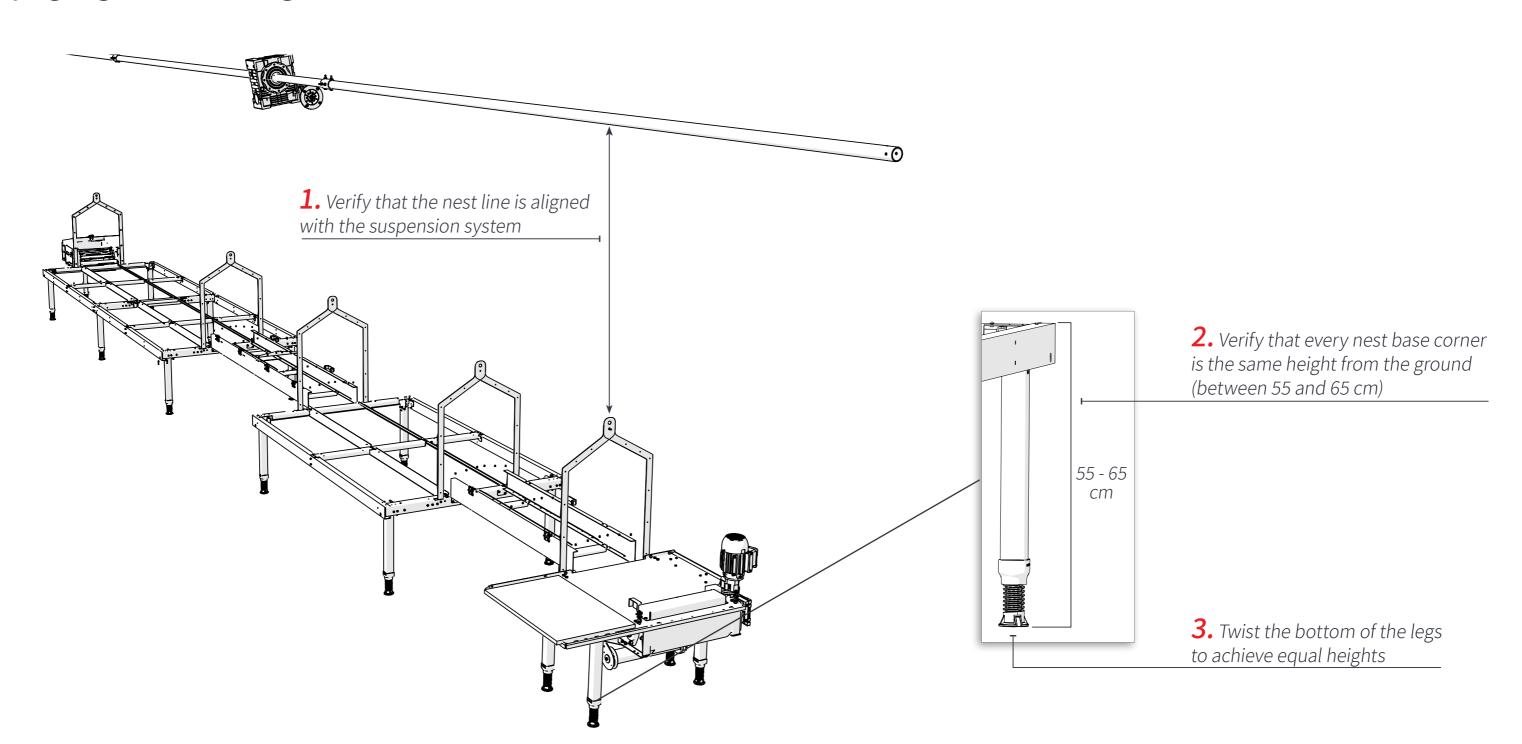
Livestock





2. Loosen the two nuts on either side of the end unit and move the drum as close as possible to the nest base

Step 8: Verifying Alignment and Height of Nest Line

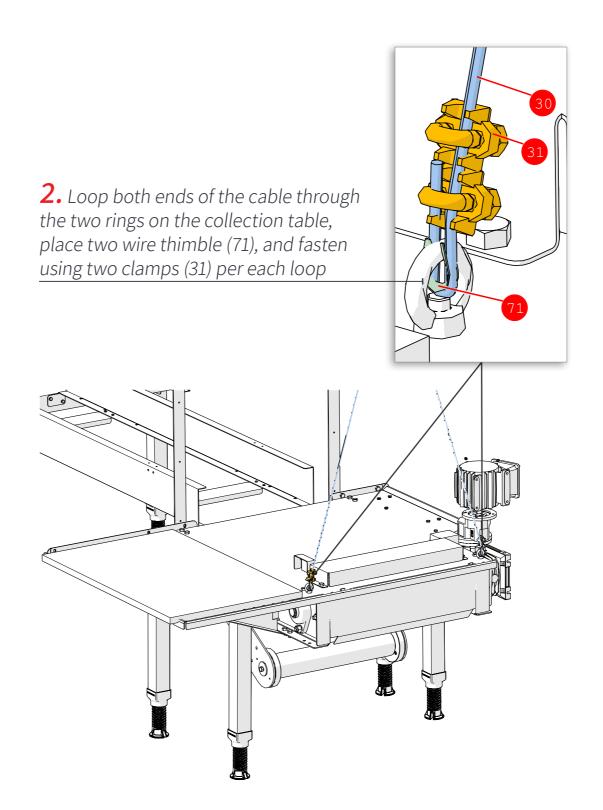


Step 9: Attaching a Cable to the Collection Table

Livestock

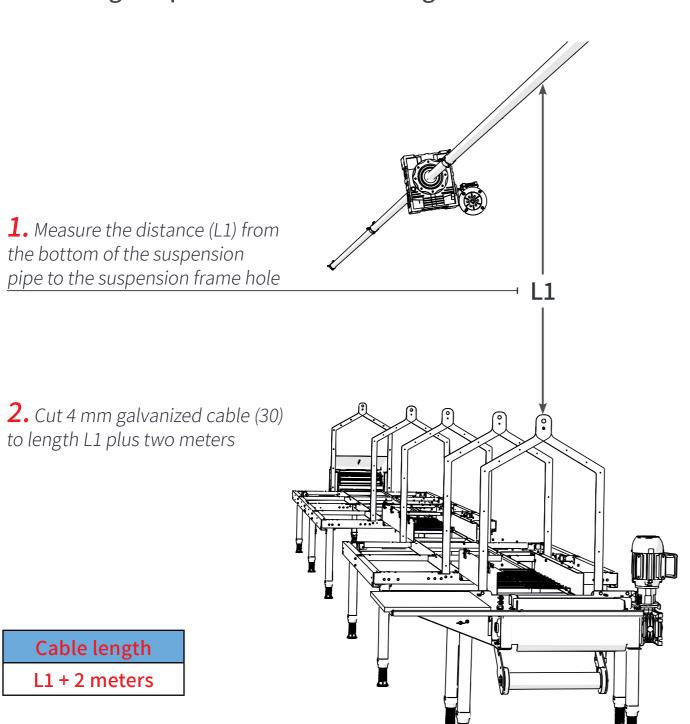
EPLASSON®

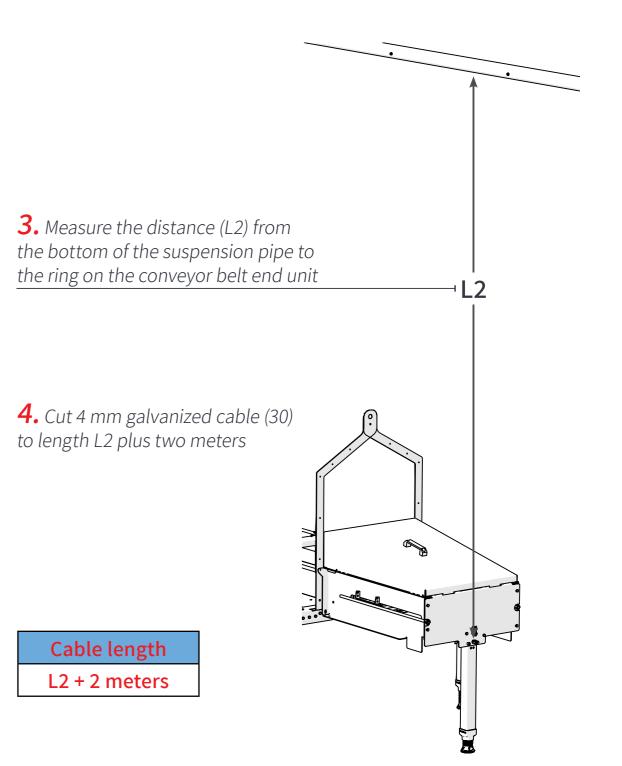
1. Cut 4 mm galvanized cable (30) to a length of 260 cm



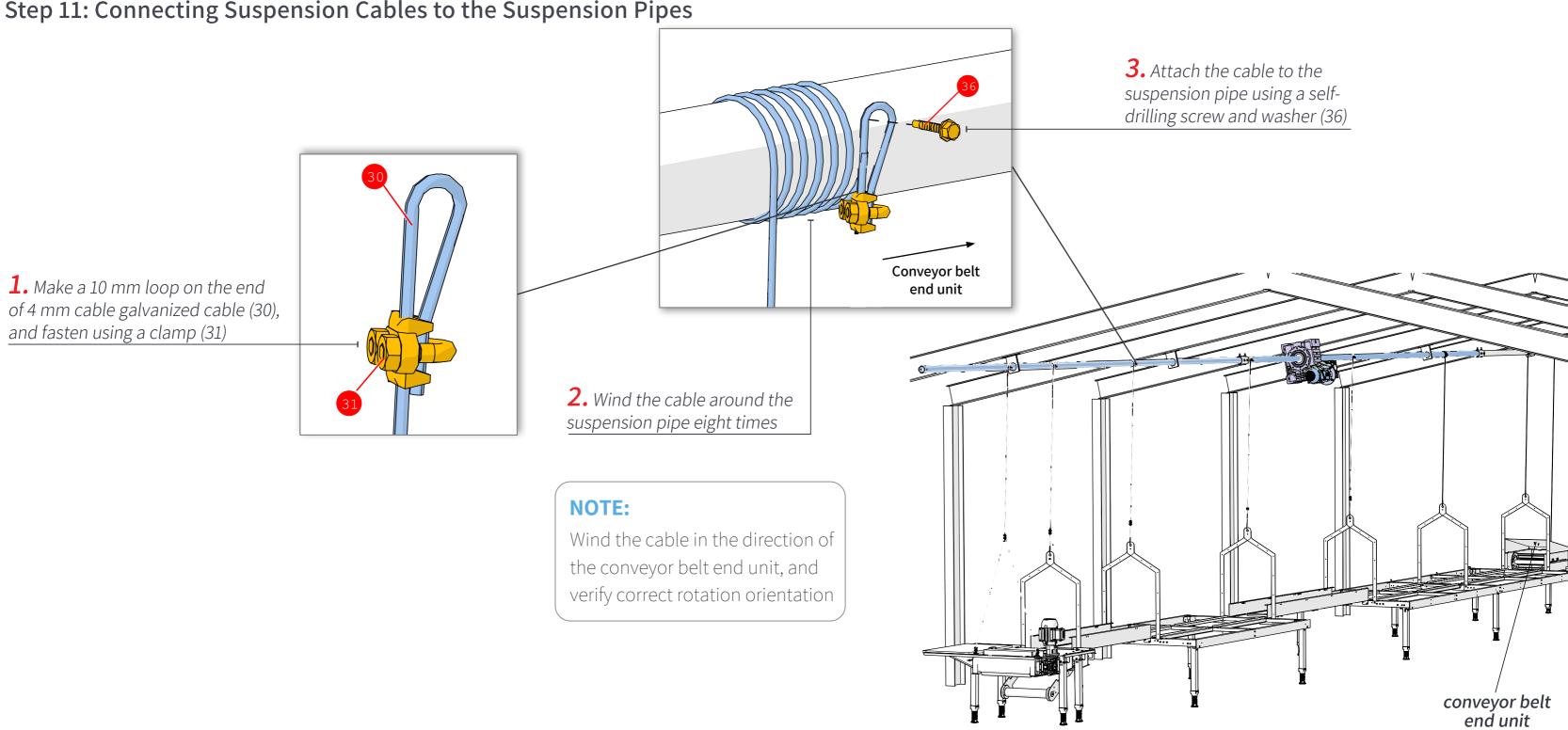
Step 10: Cutting Suspension Cables to Length

Livestock

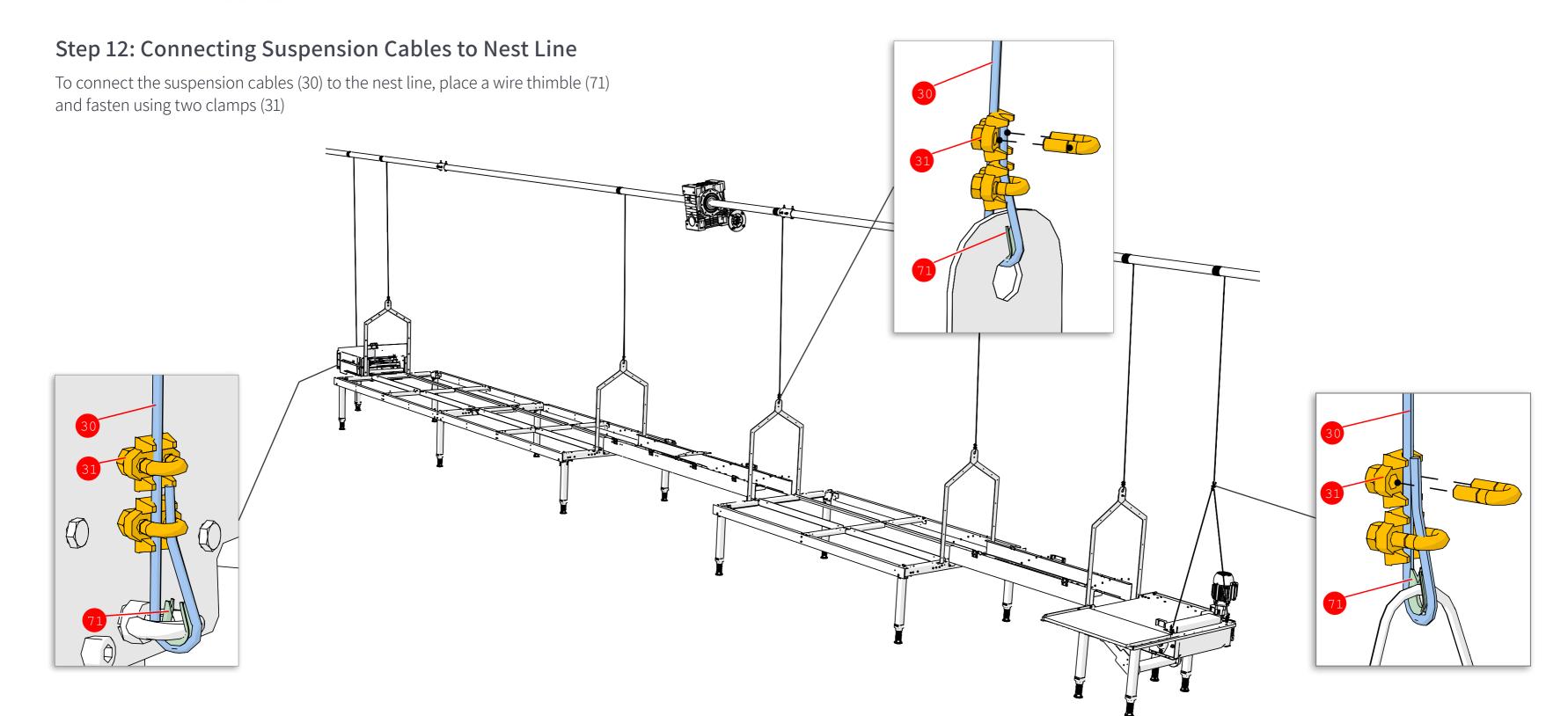




Step 11: Connecting Suspension Cables to the Suspension Pipes



EPLASSON®



EXECUTION PLASSON®



1. Verify that all suspension cables are securely fastened

2. Lift the system off the ground a few centimeters

3. Lower the system until the legs are touching the ground

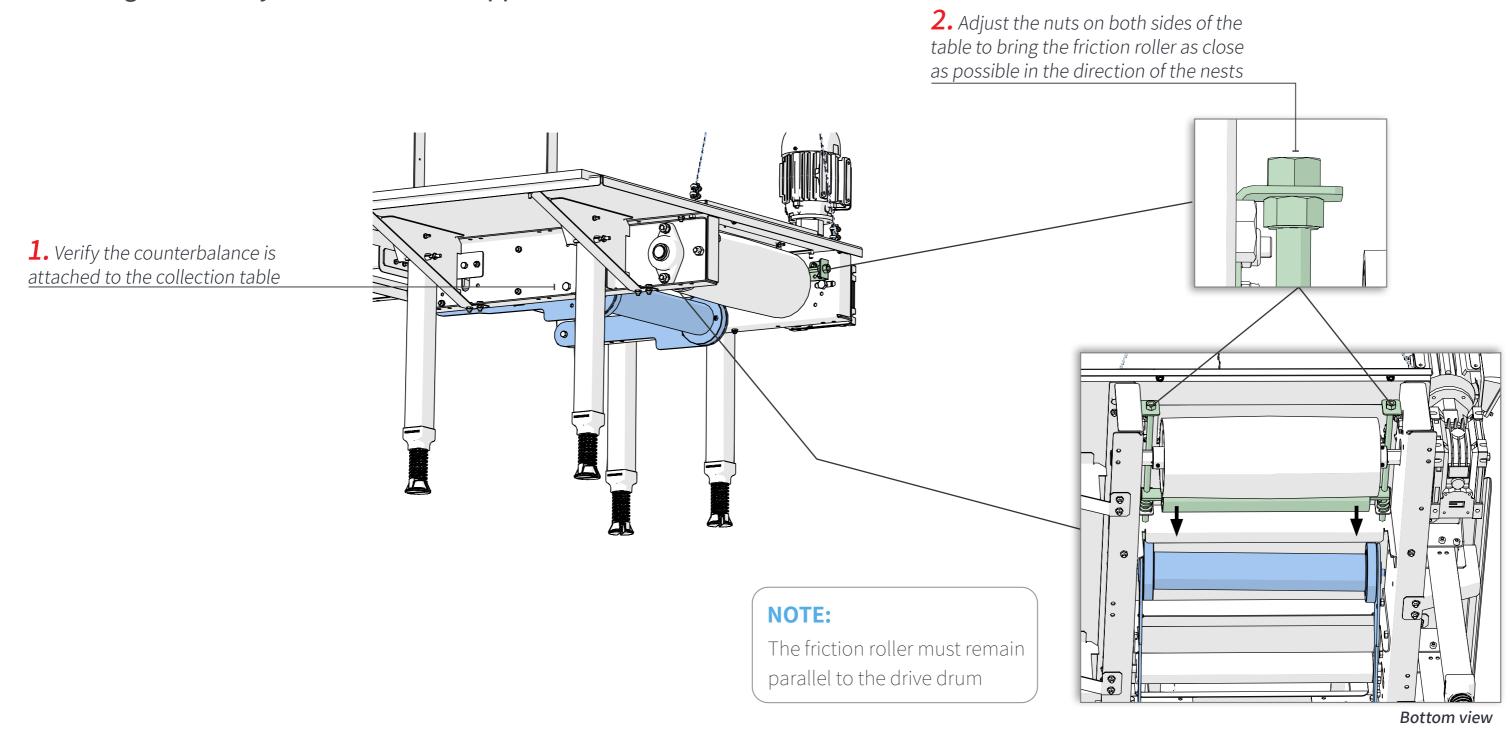


5. Verify that the collection table, bases, and end unit are in line with each other

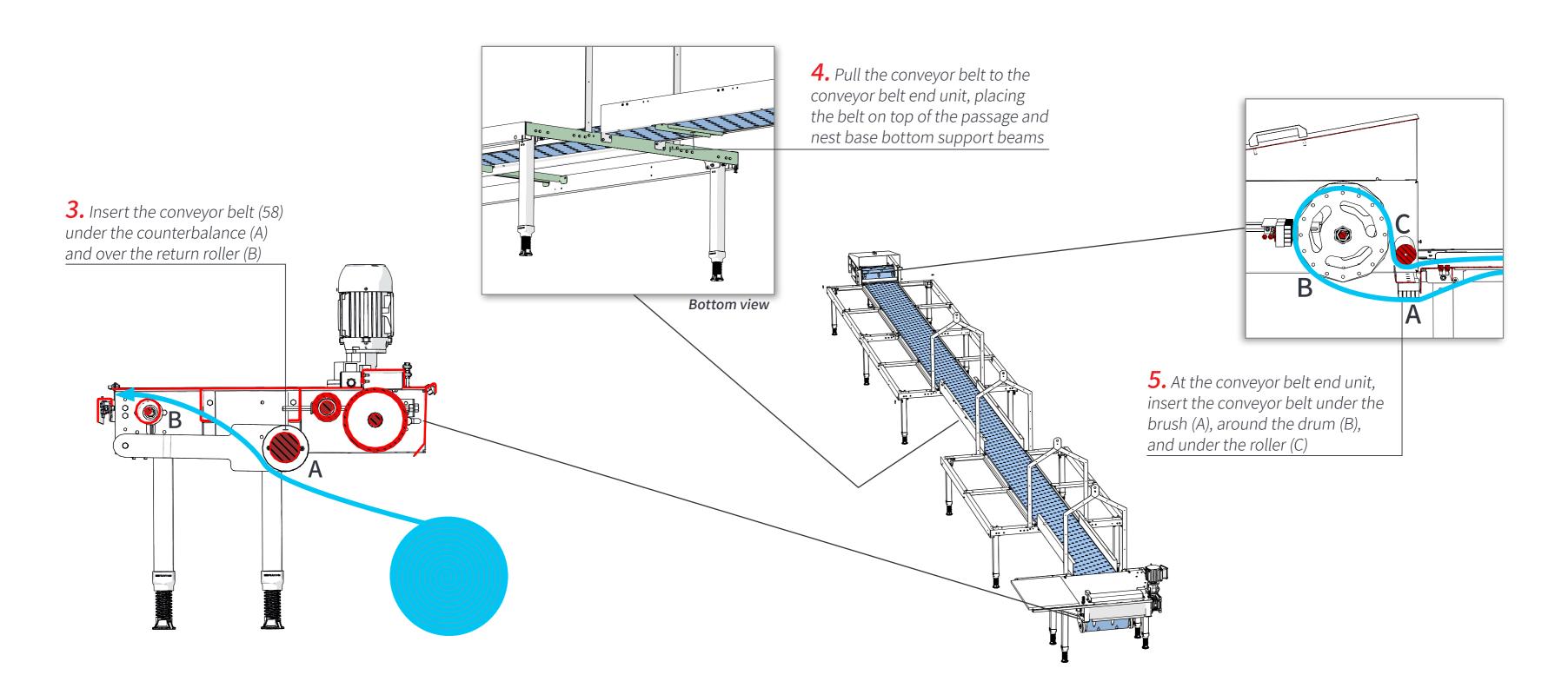
! CAUTION

The suspension system is controlled manually and does not have an automatic stop. Keep eye contact with the system at all times while operating the suspension mechanism, and make sure to stop operating the motor once the legs have reached the ground.

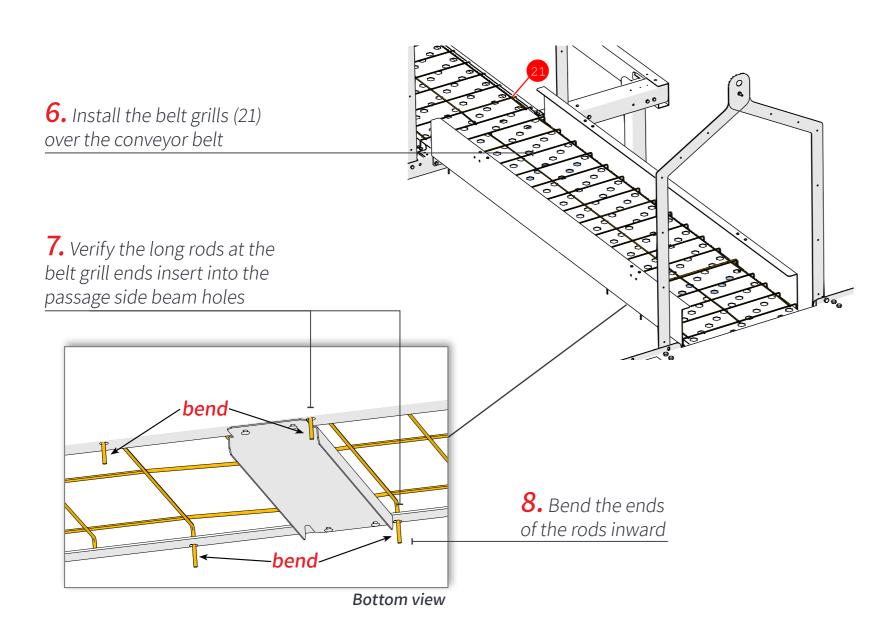
Step 14: Inserting the Conveyor Belt and Belt Support Grids

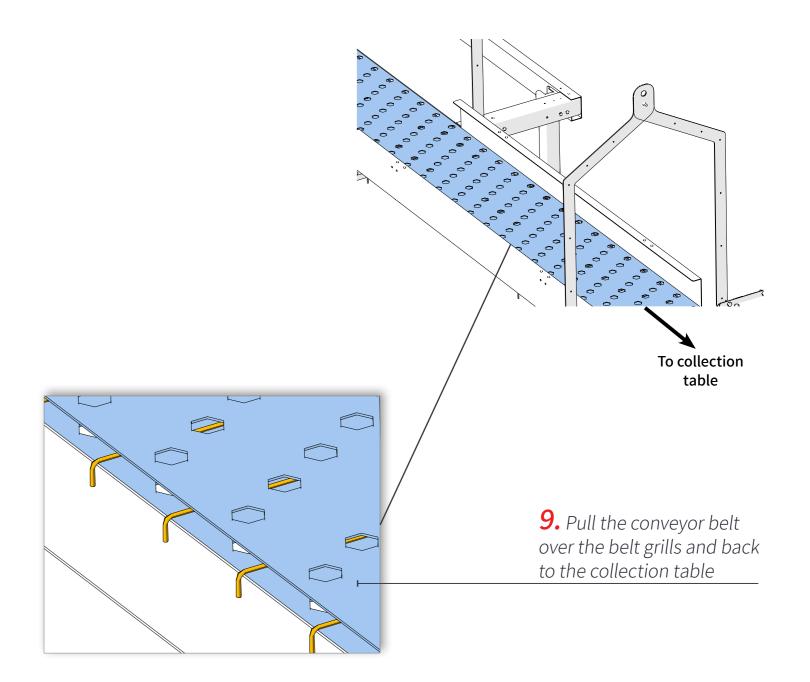


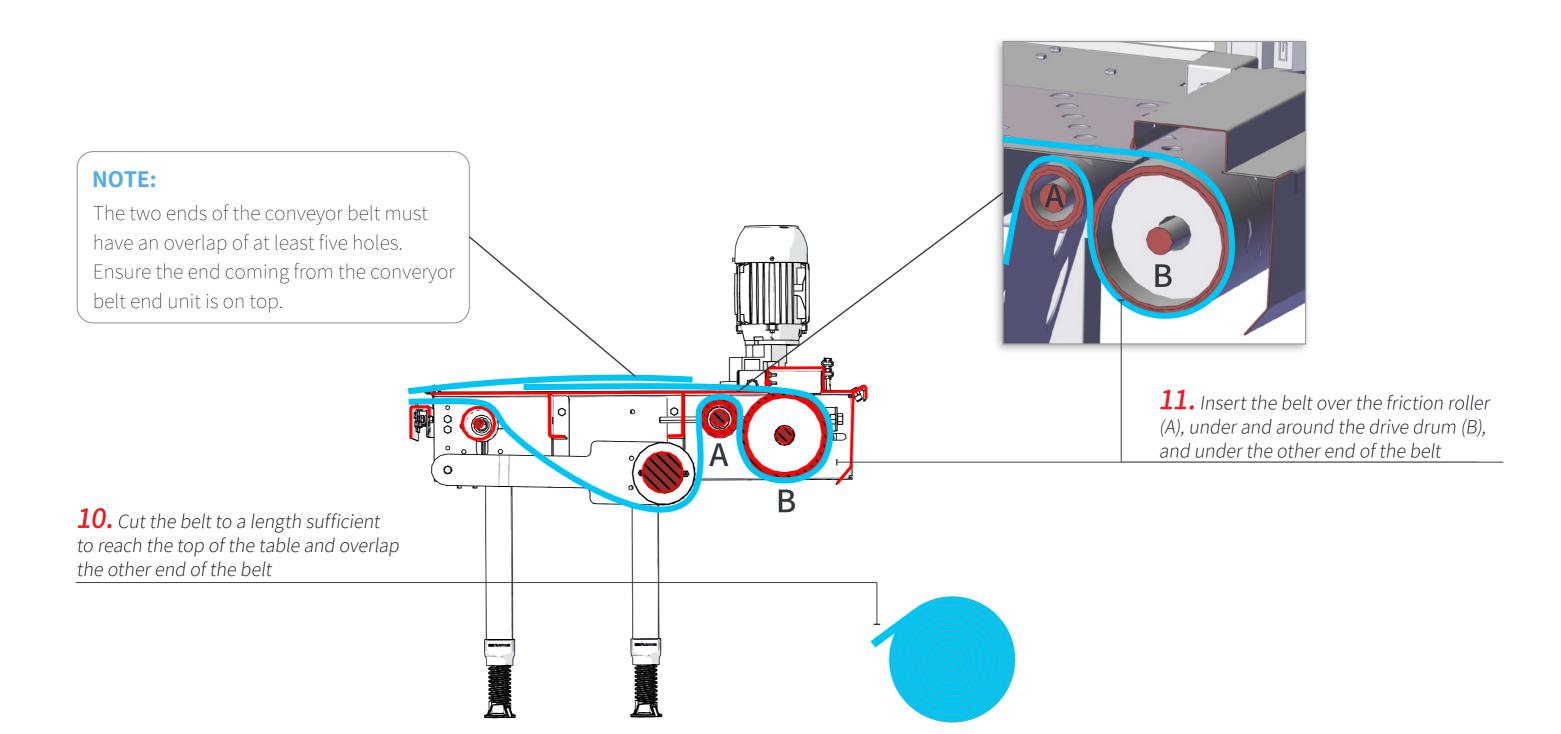
EPLASSON®



EPLASSON®





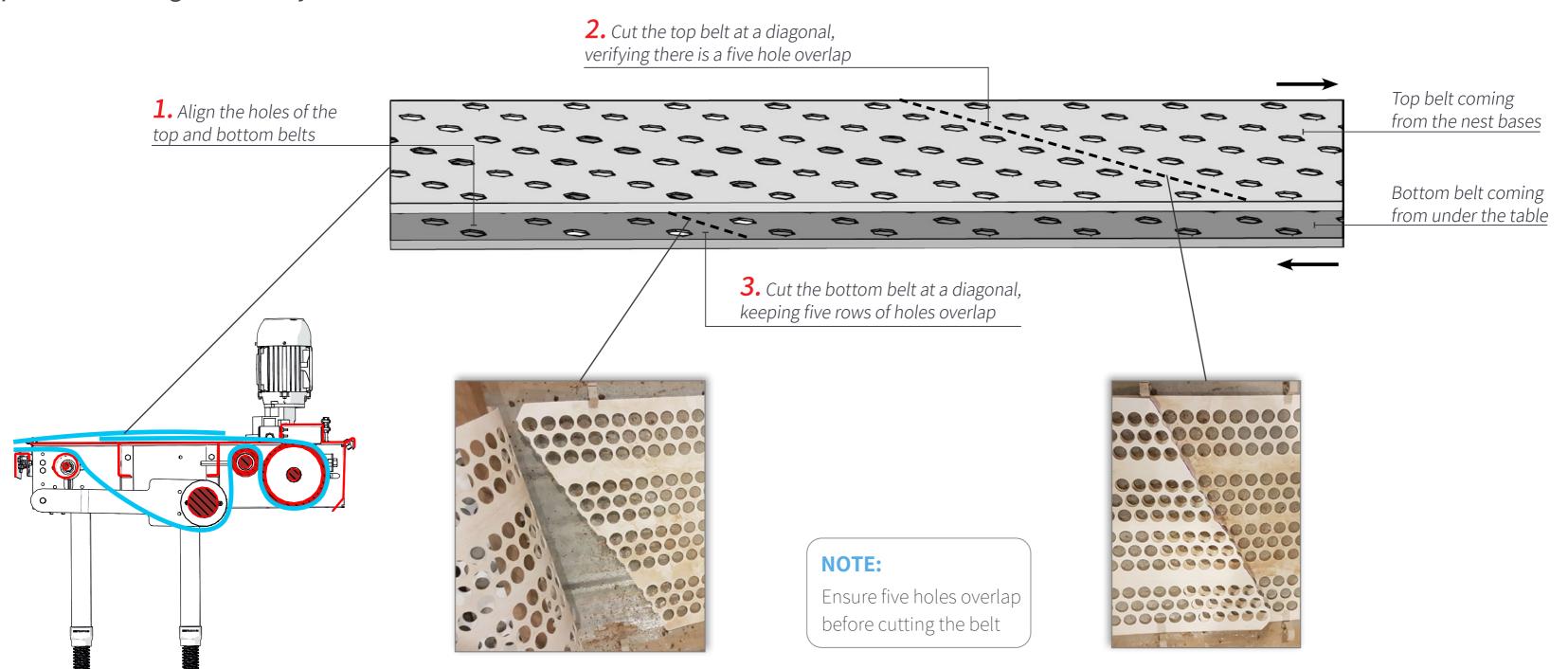


EPLASSON®

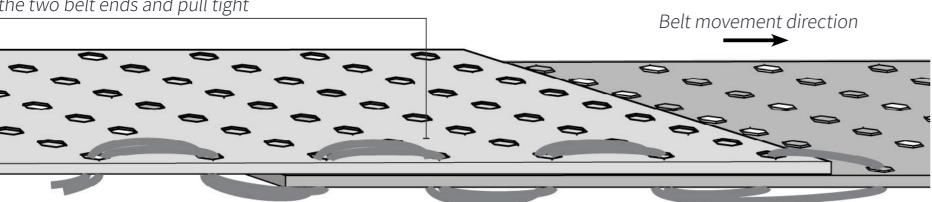
Safety

Step 15: Connecting the Conveyor Belt Ends

Livestock

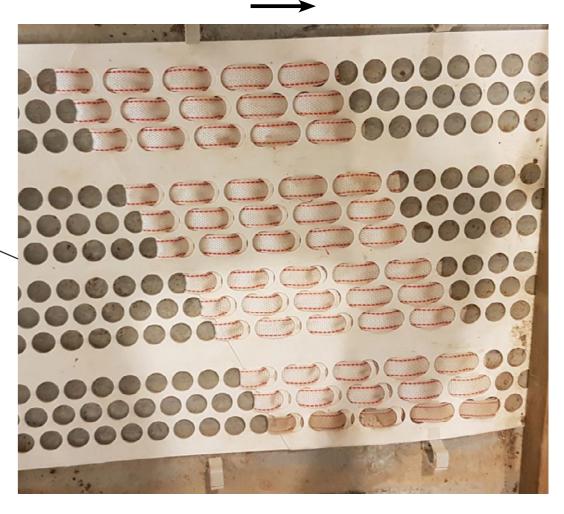


4. Weave 60 cm of string (73) through the two belt ends and pull tight

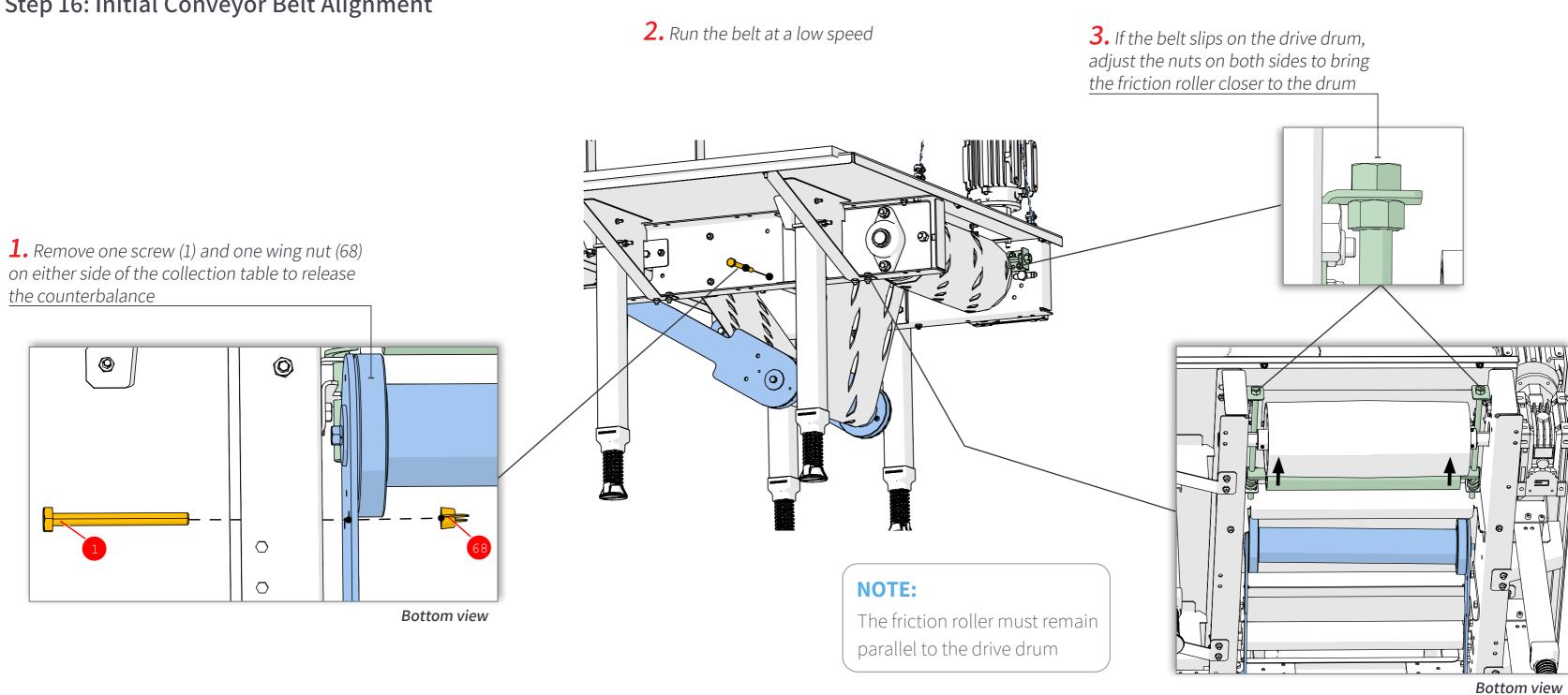


5. Repeat the weave across all rows

Belt movement direction





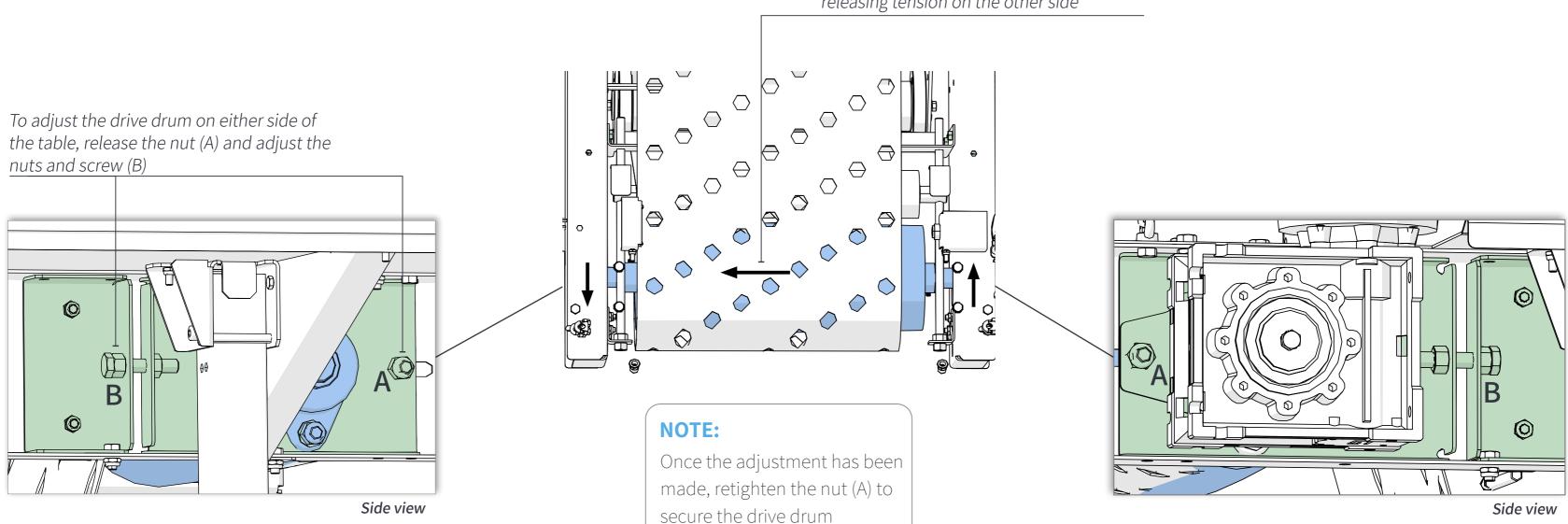


Safety Introduction Preparations for Installation

Installation

Operation Instructions

4. If the belt veers to one side, adjust the drive drum position by either creating more tension on the side the belt is veering to or releasing tension on the other side

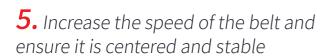


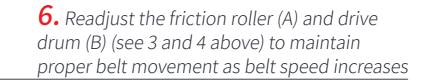


Safety Introduction Preparations for Installation

Installation

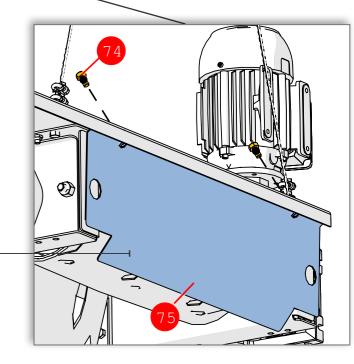
Operation Instructions







8. Attach the collection table safety cover (75) using two screws (74)

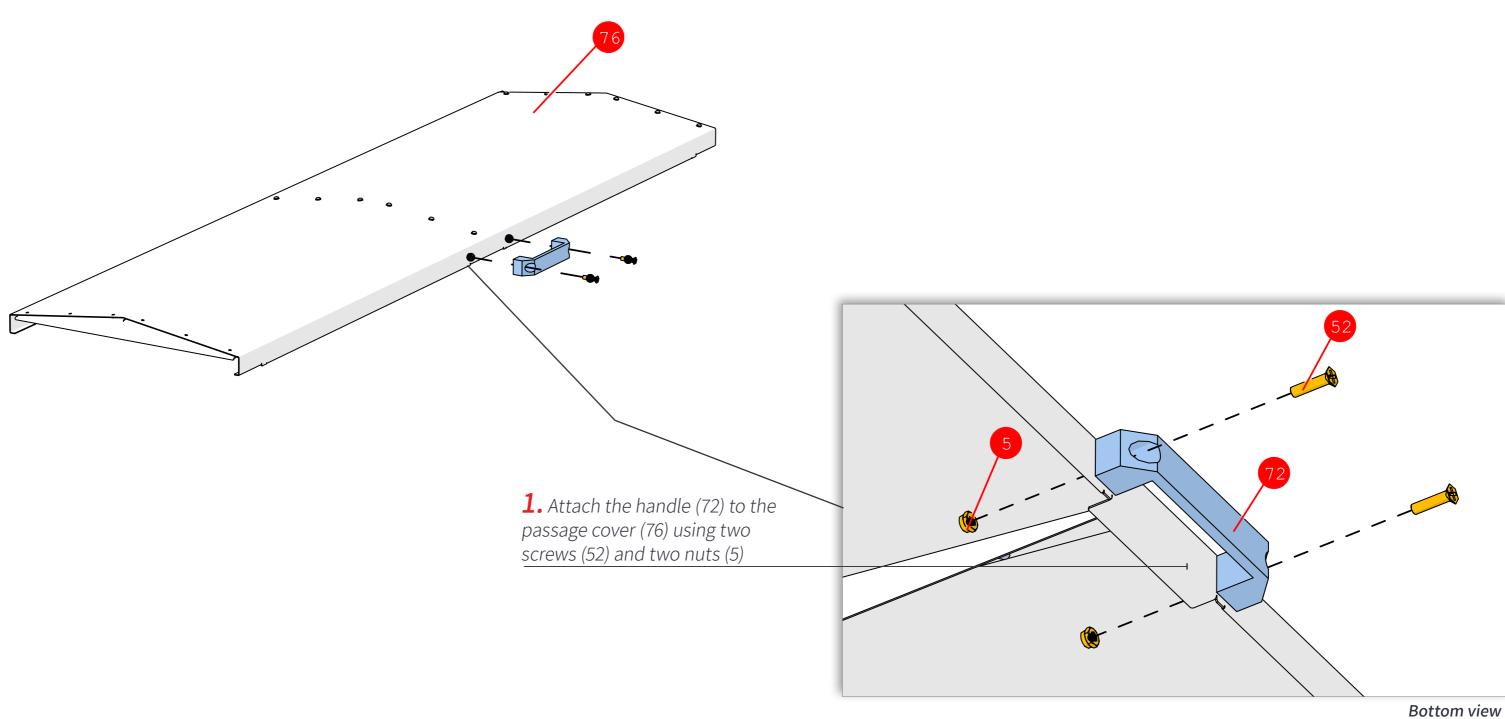


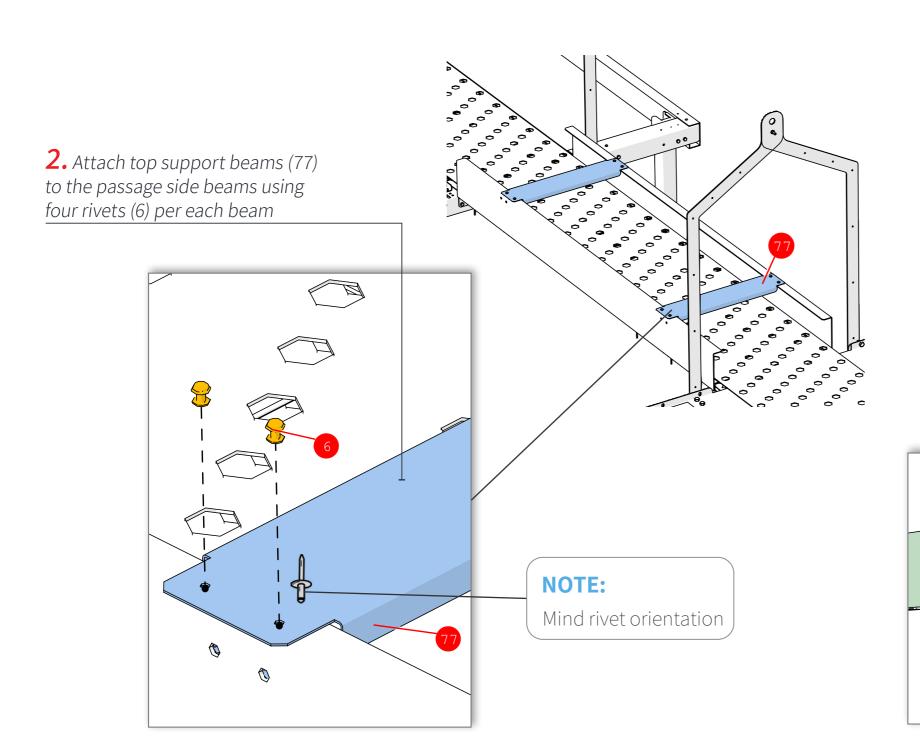
Safety

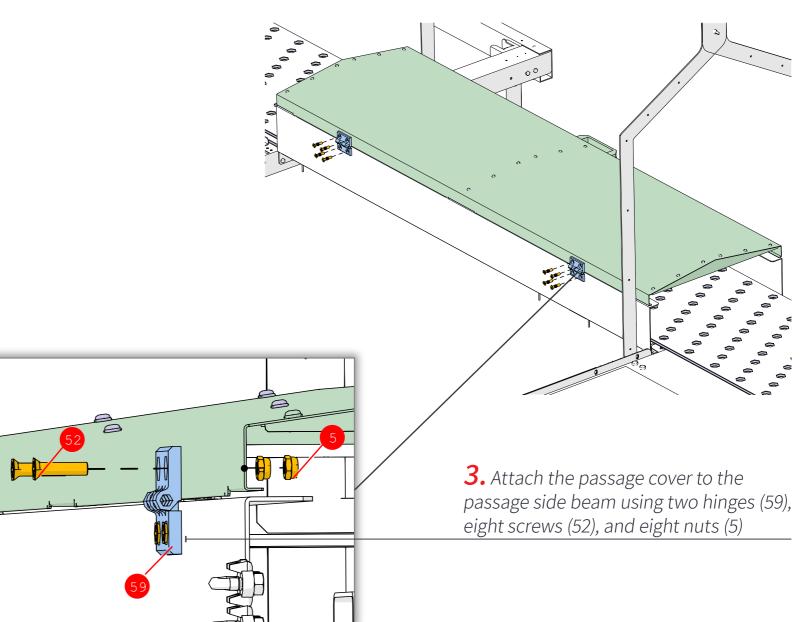
Step 17: Installing the Passage Covers

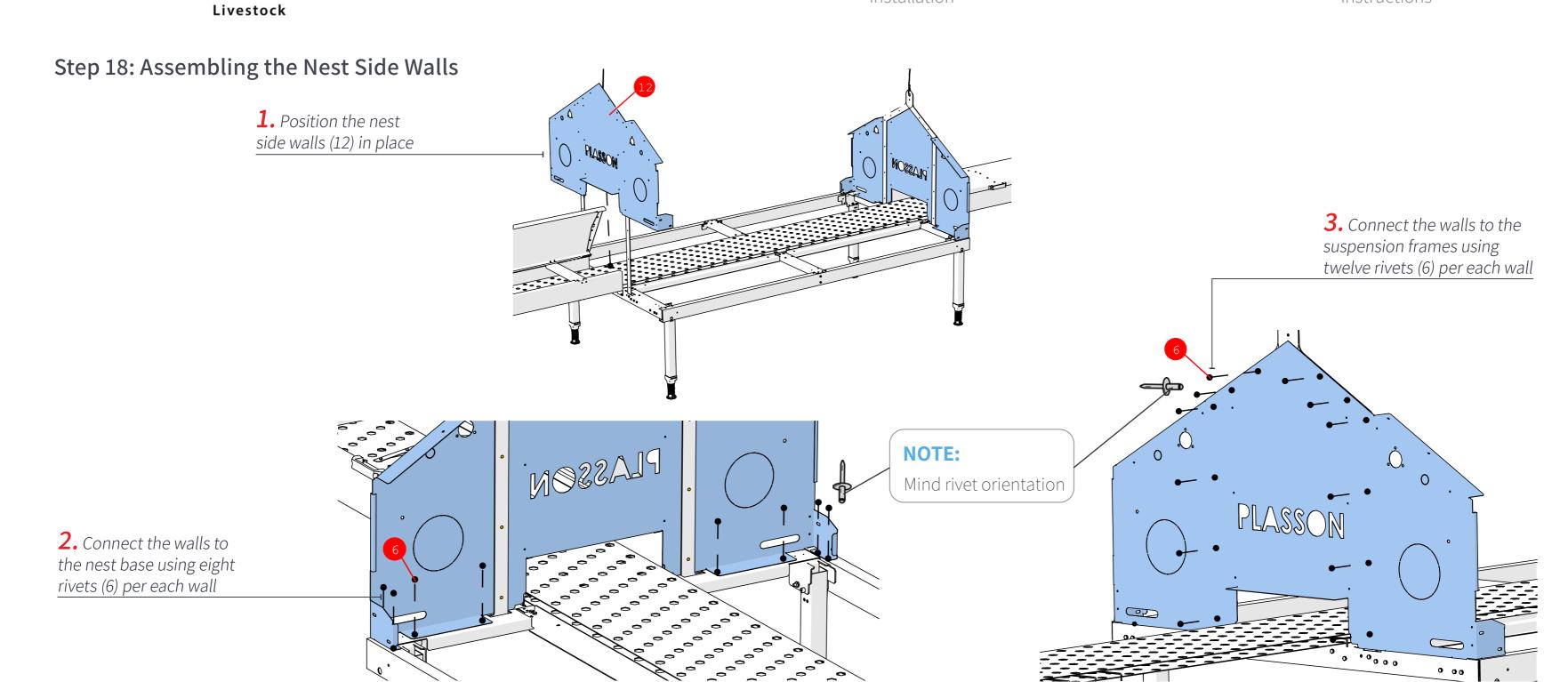
Livestock

EXECUTION PLASSON®

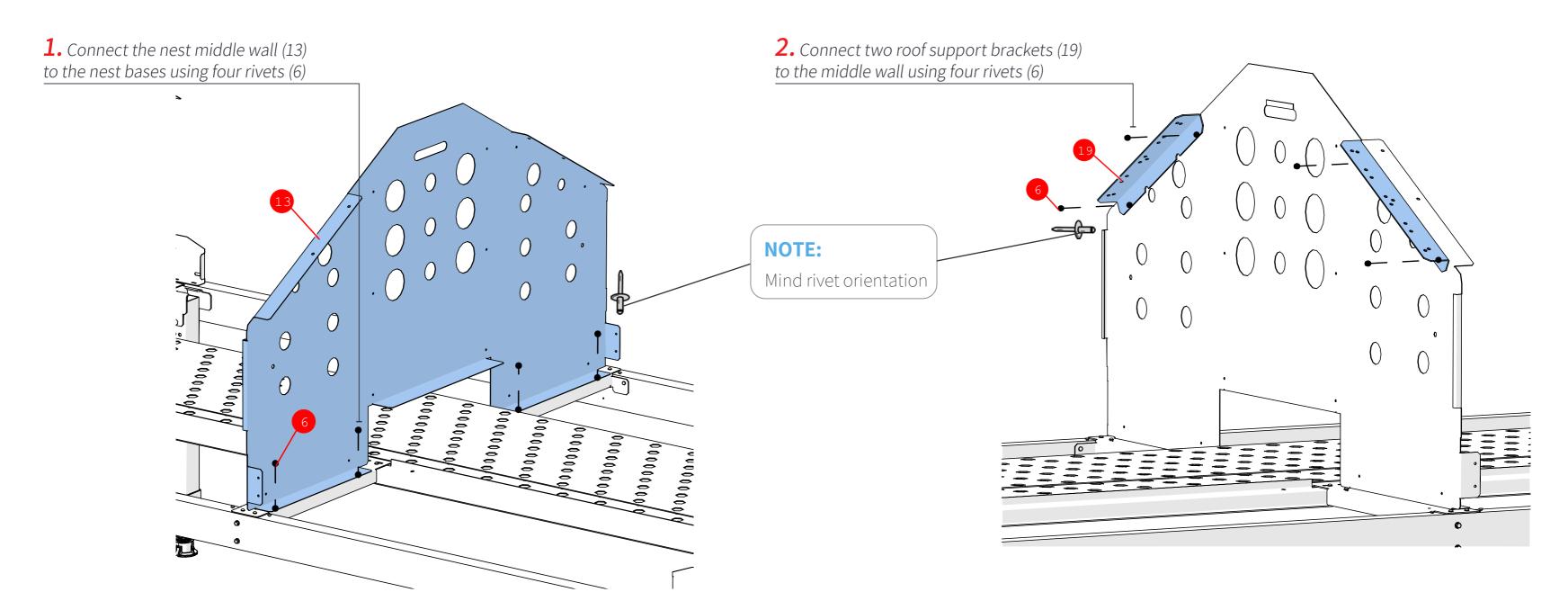






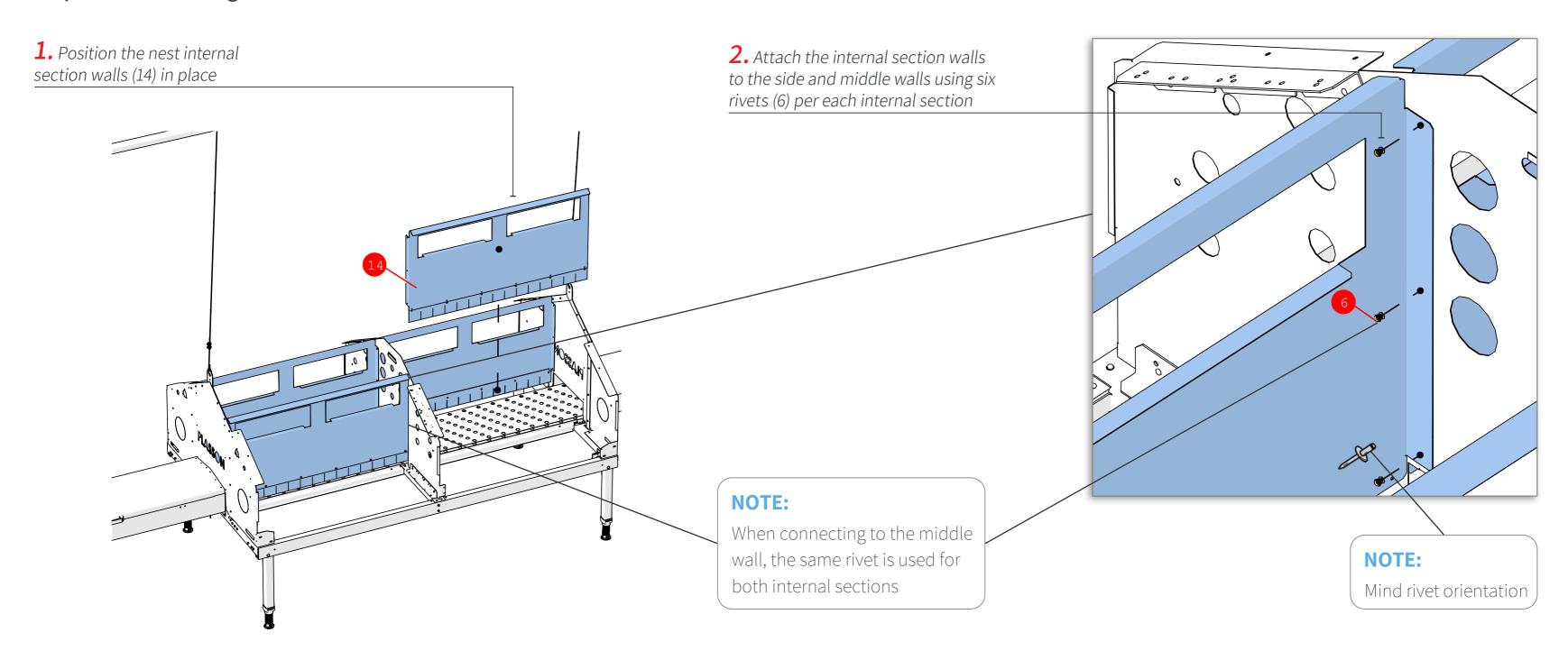


Step 19: Assembling the Nest Middle Wall



Step 20: Assembling the Nest Internal Section Walls

Livestock

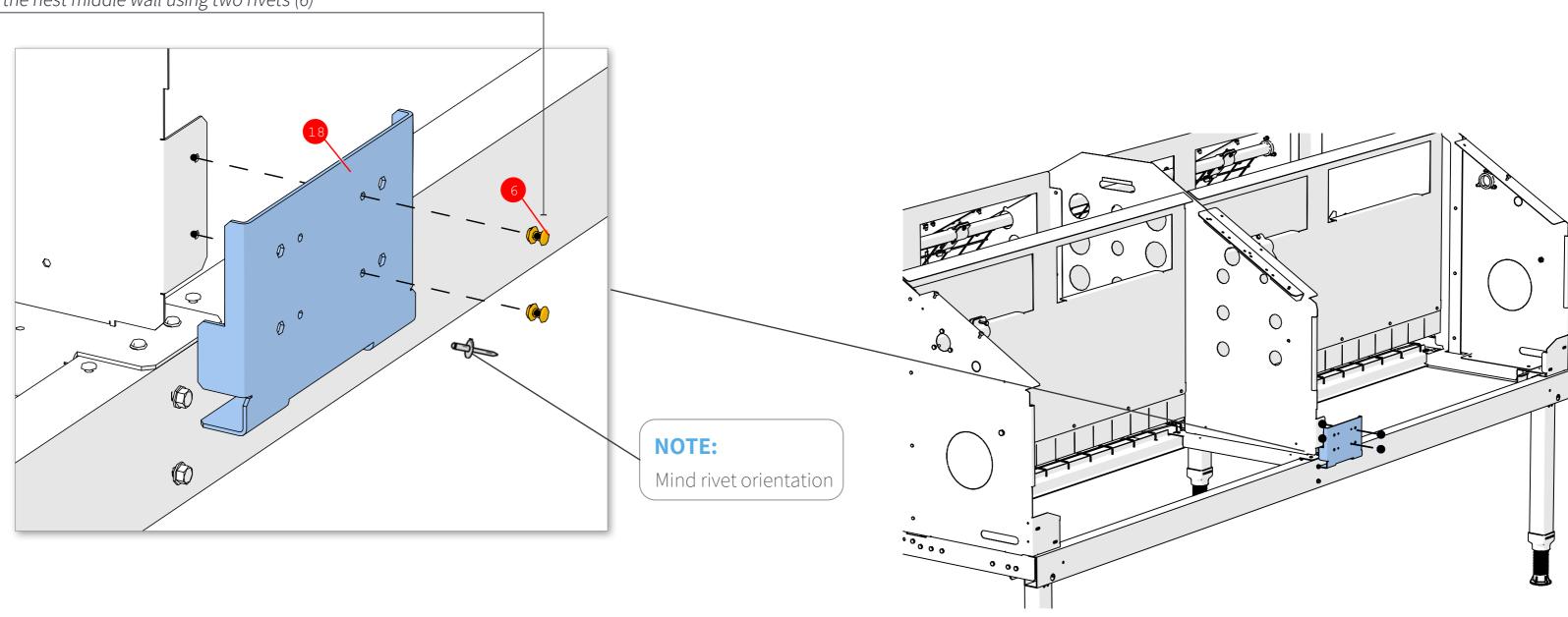


Step 21: Assembling the Wood Steps

Livestock

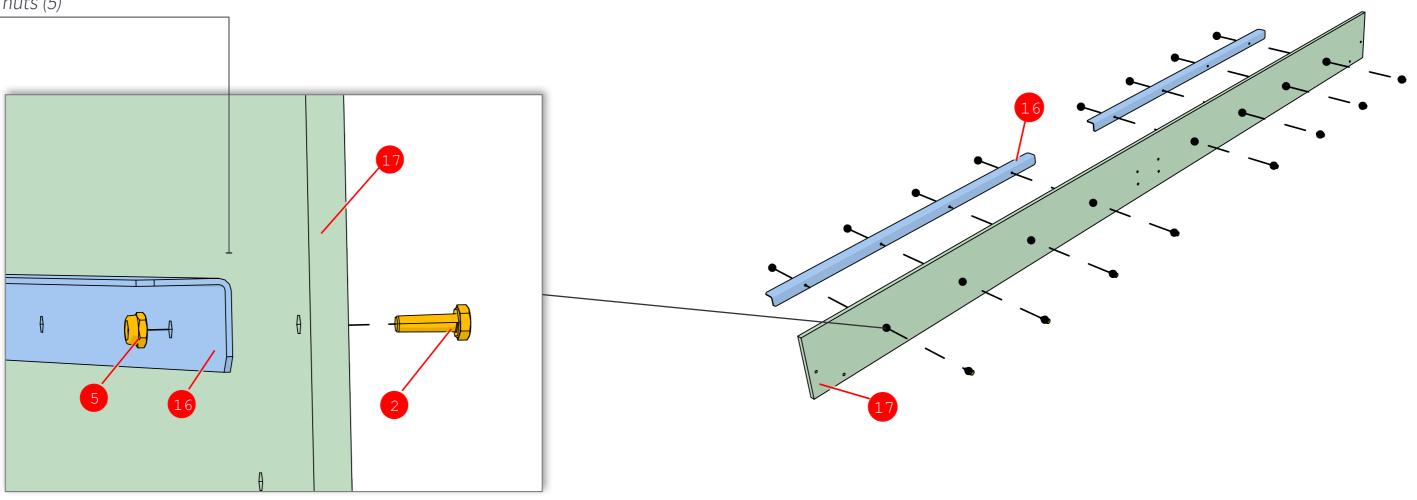
EXECUTION PLASSON®

1. Attach the wood step middle support (18) to the nest middle wall using two rivets (6)

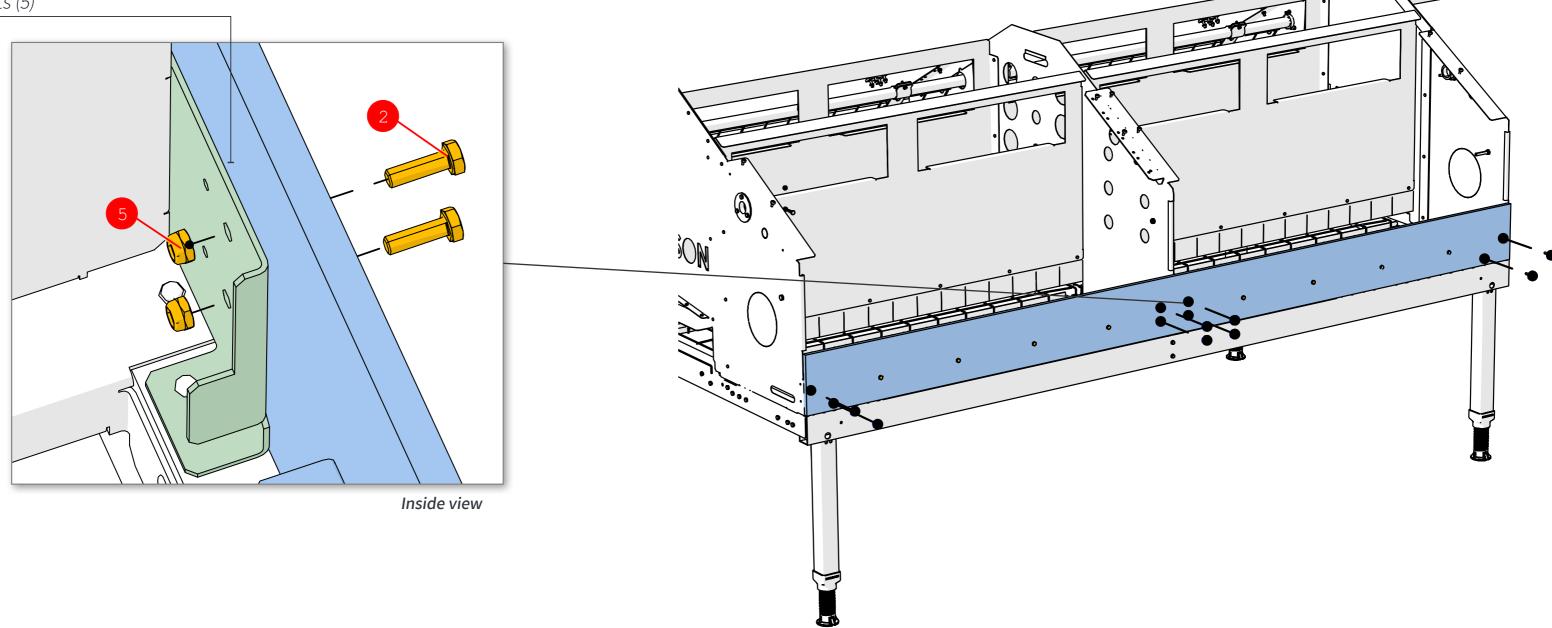




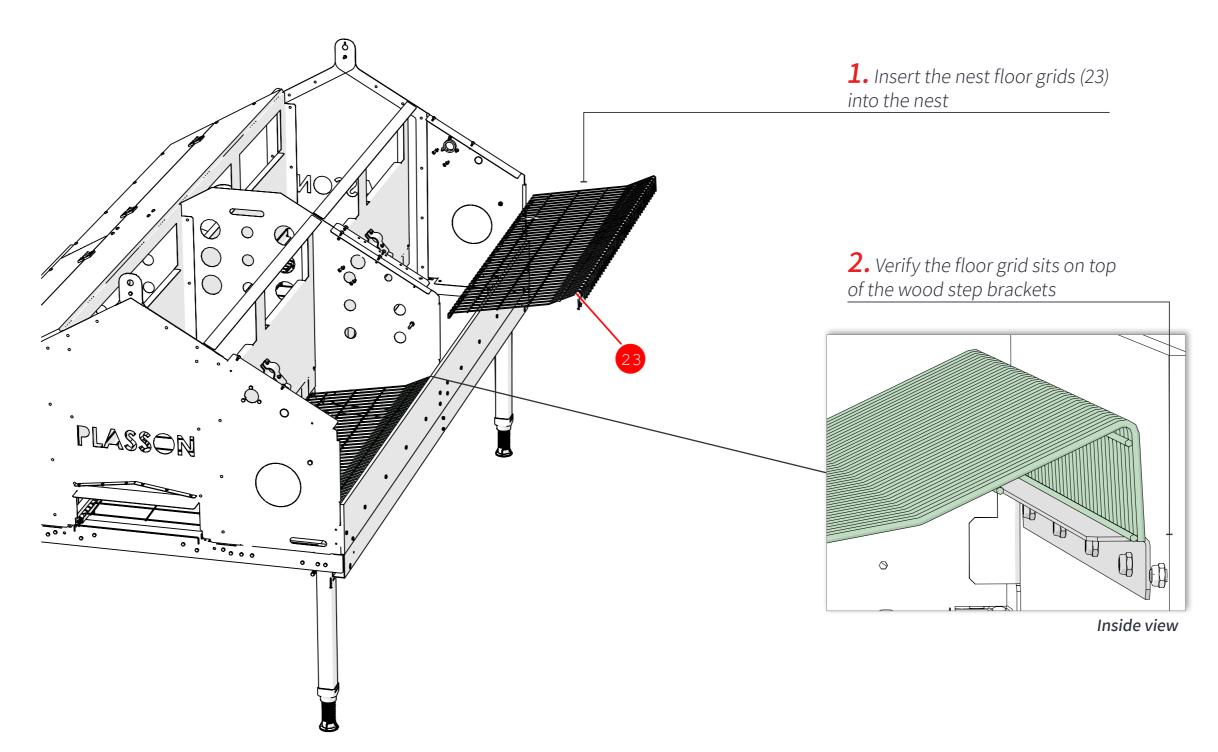
2. Attach two brackets (16) to the wood step (17) using eight screws (2) and eight nuts (5)



3. Attach the wood step to the nest using eight screws (2) and eight nuts (5)



Step 22: Inserting the Nest Floor Grids and Artificial Turf



EPLASSON®



Safety

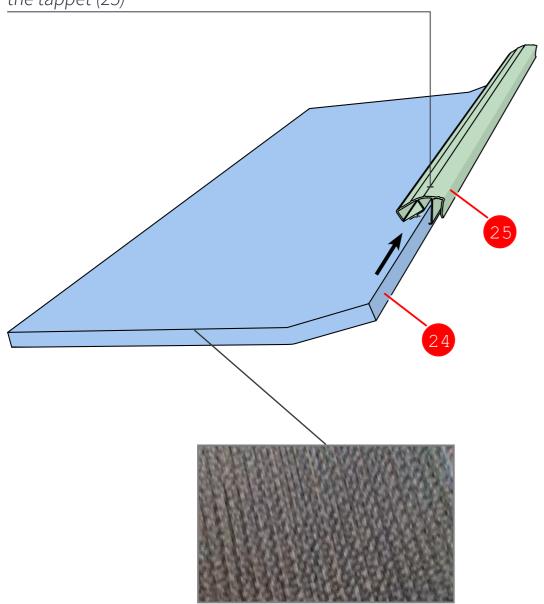
Introduction

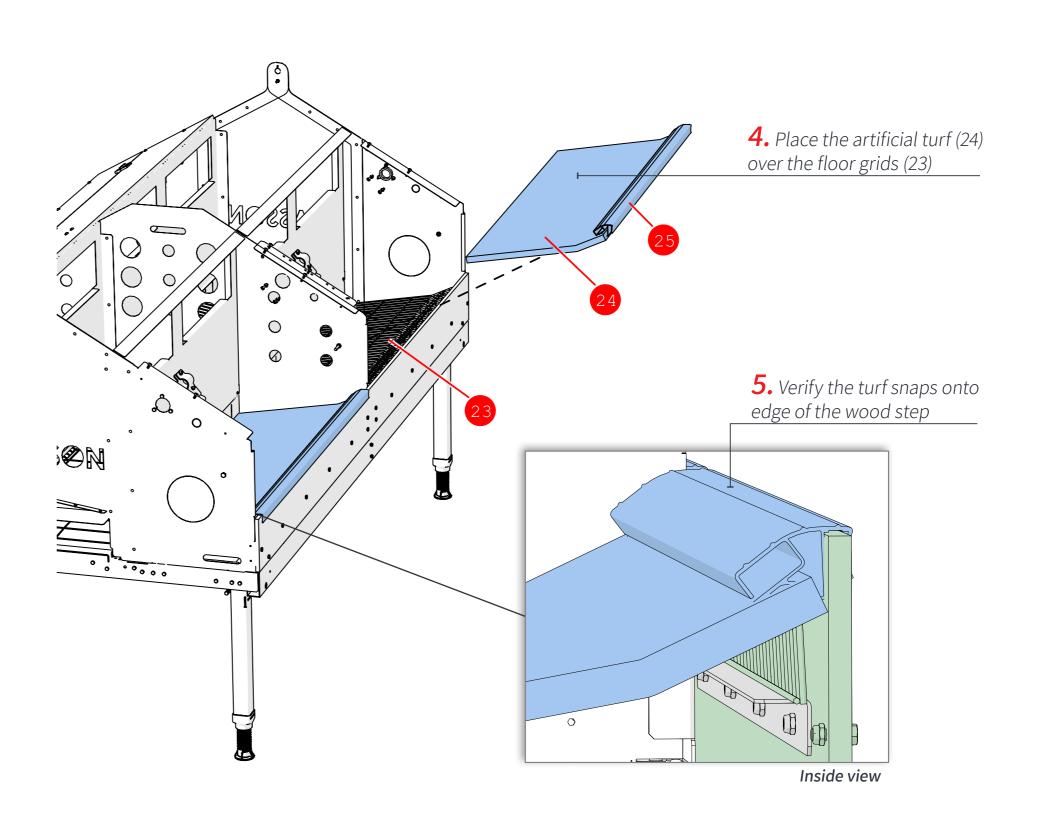
Preparations for Installation

Installation

Operation Instructions

3. Insert the edge of the artificial turf (24) through the tappet (25)



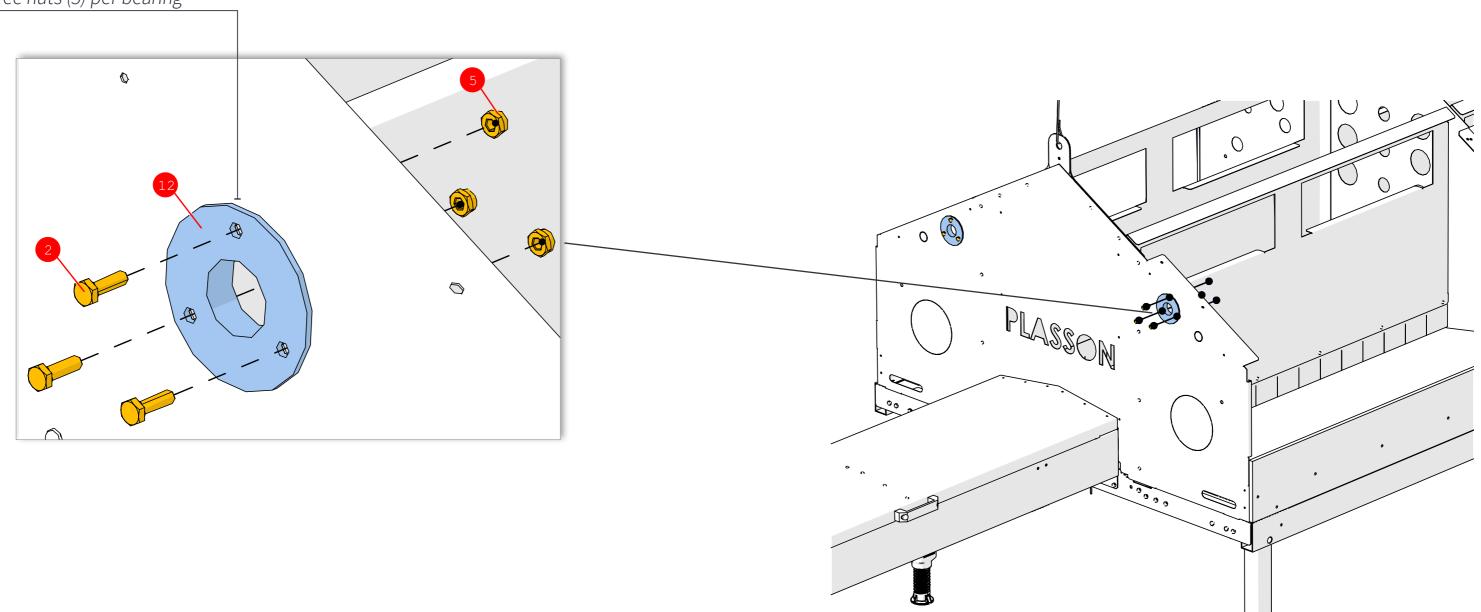


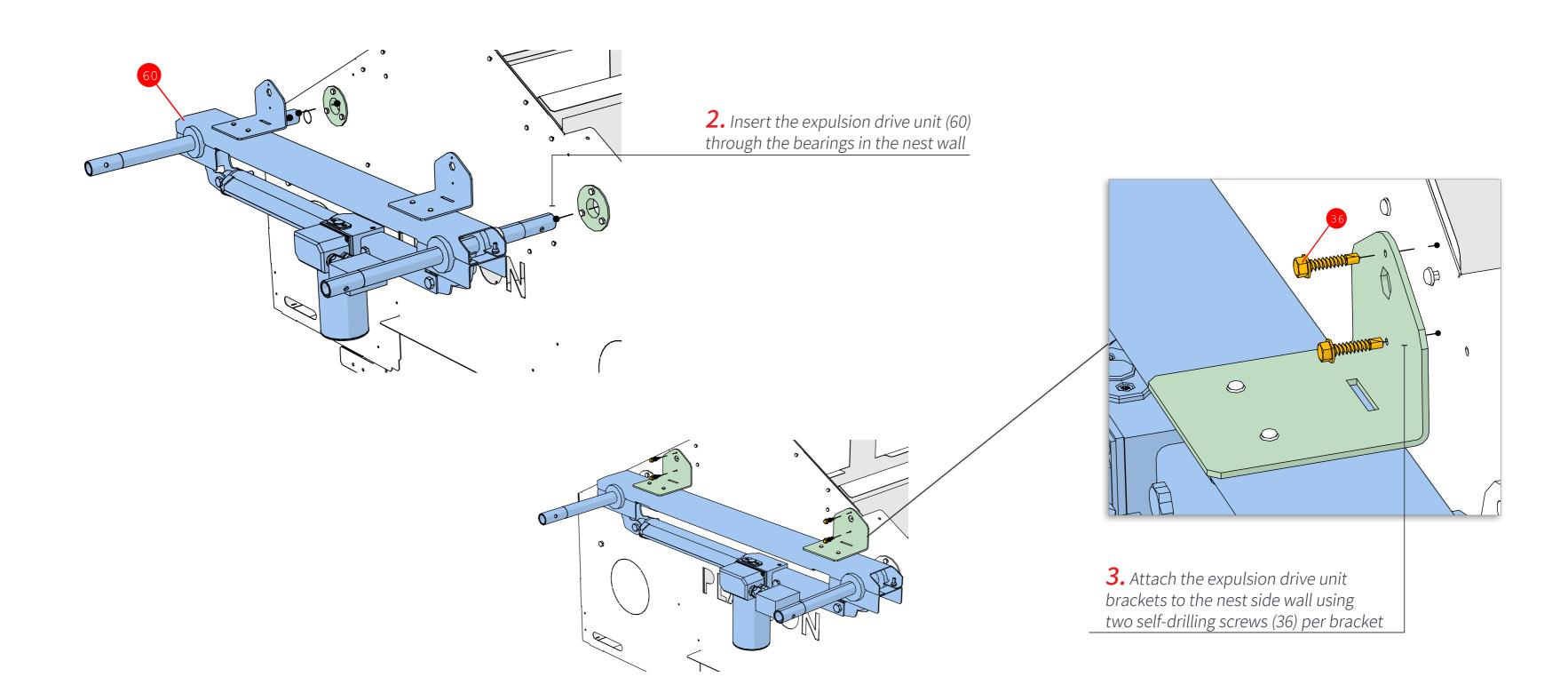
Step 23: Installing the Expulsion Drive Unit

Livestock

1. Attach two bearings (12) to each nest side wall using three screws (2) and three nuts (5) per bearing

EXECUTION PLASSON®

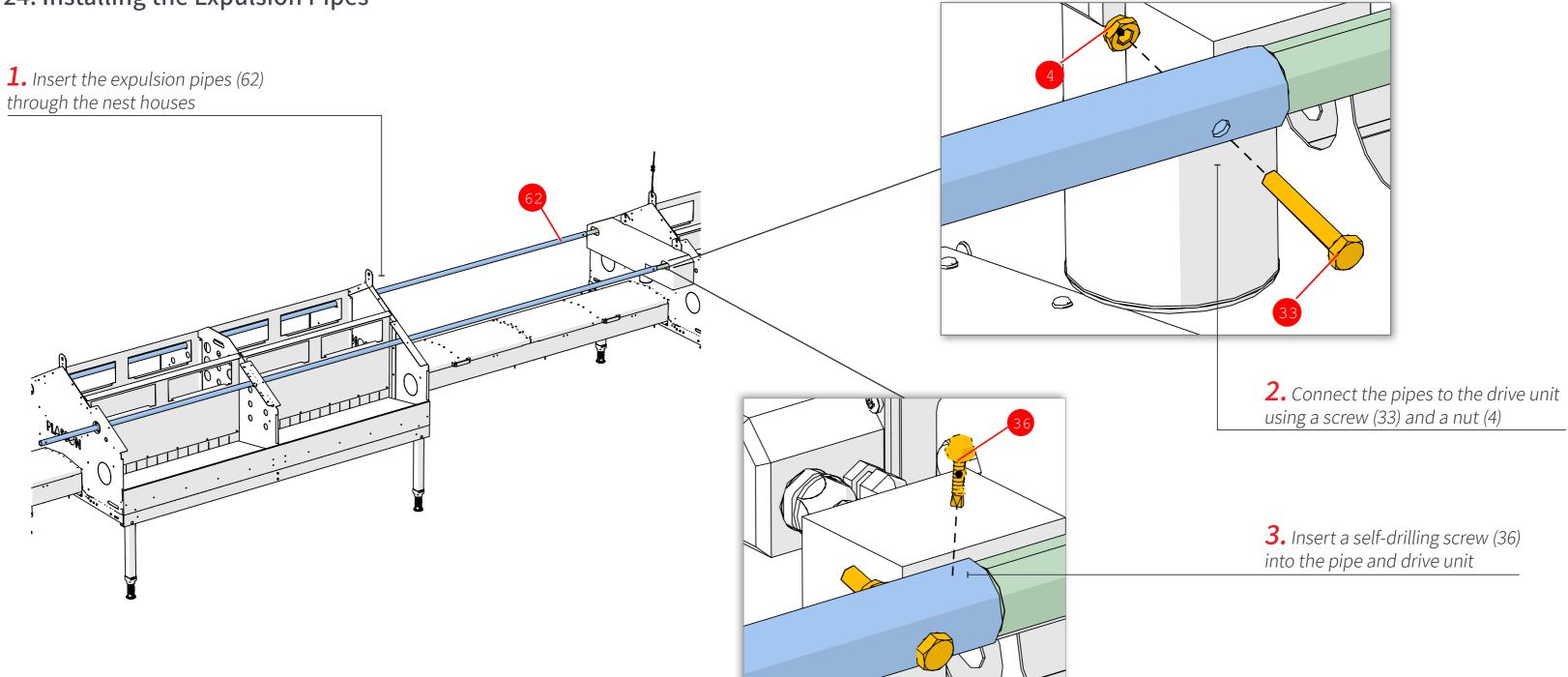




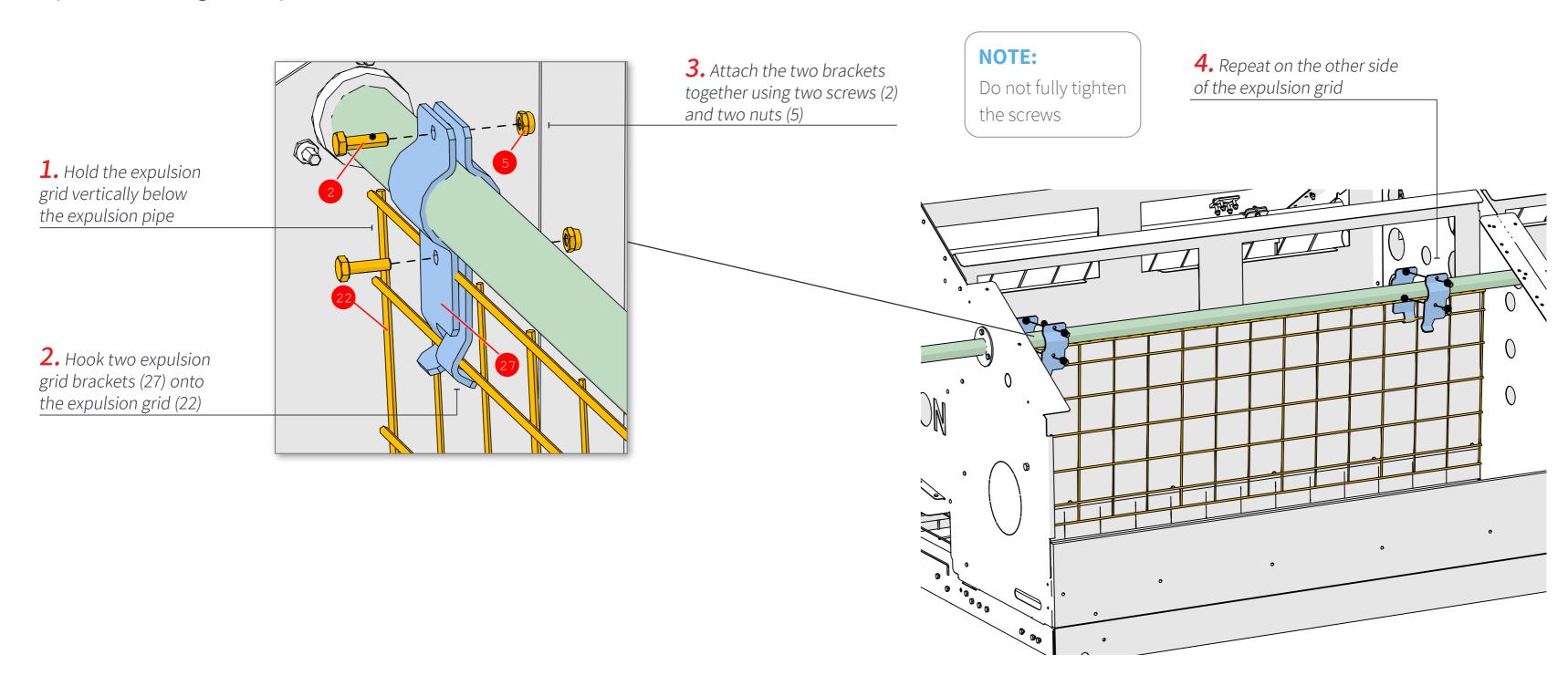
EPLASSON®

Step 24: Installing the Expulsion Pipes

Livestock

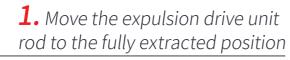


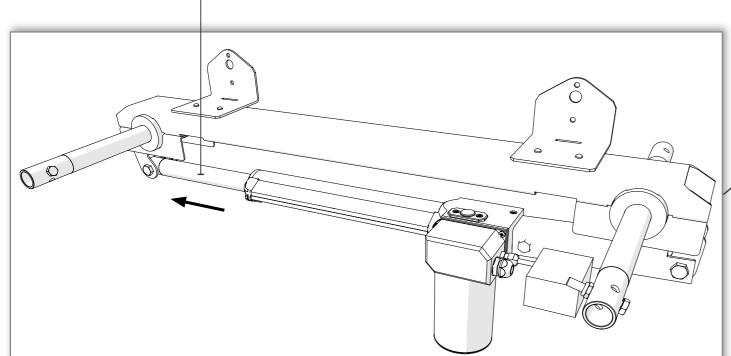
Step 25: Installing the Expulsion Grids

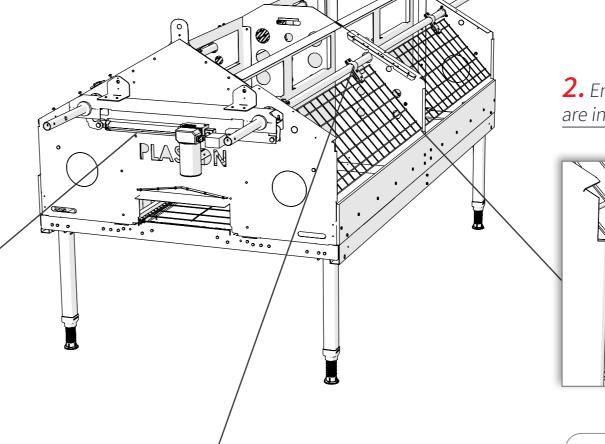




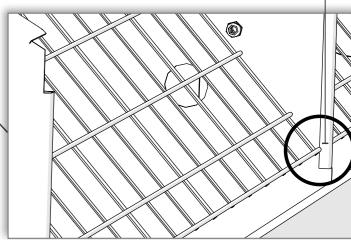
EPLASSON®







2. Ensure the expulsion grids are in the closed position



3. Verify activation of the close limit switch

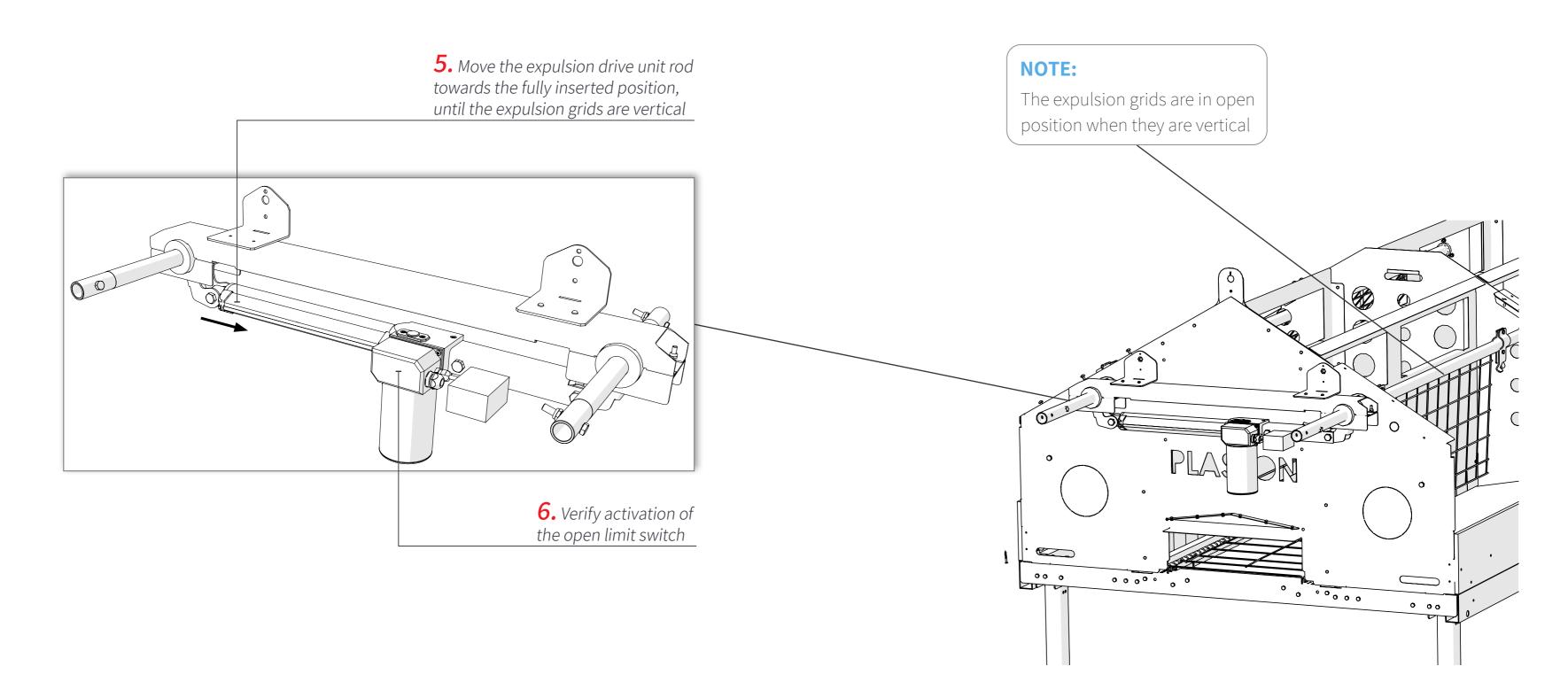
4. Tighten the screws on the expulsion grid brackets

NOTE:

First tighten the lower screw which holds the grid, then tighten the upper screw which holds the pipe



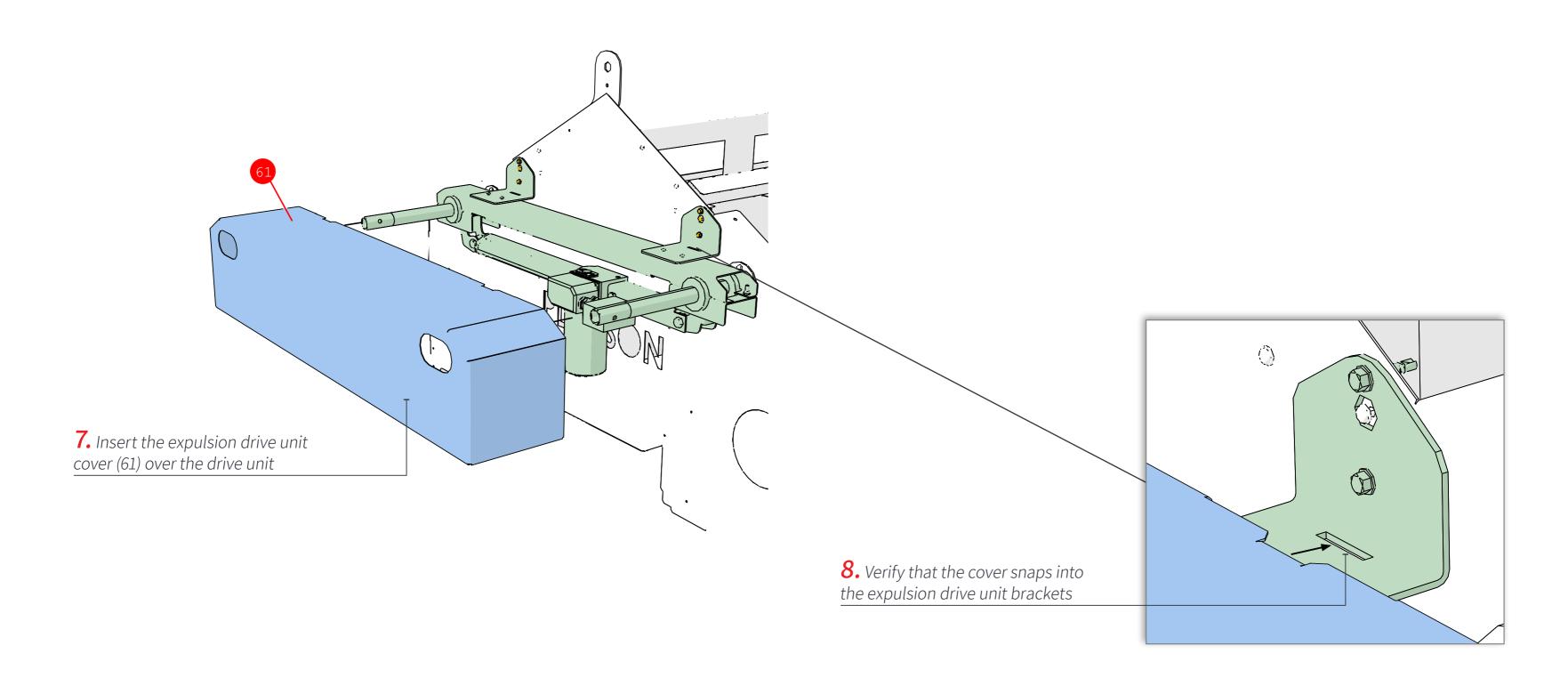
The expulsion grids are in closed position when their bottom edges are in line with the edge of the nest house



EPLASSON®

Livestock

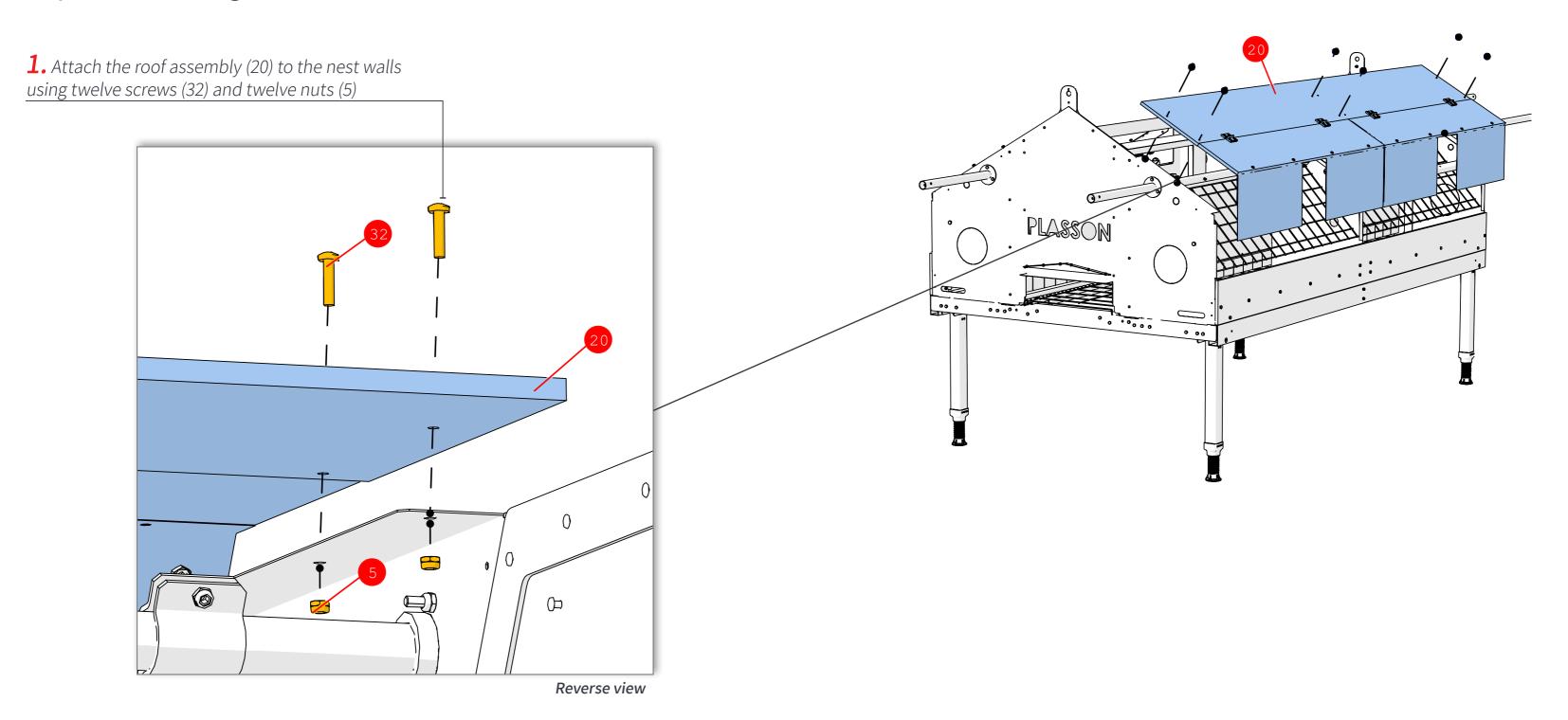
Safety

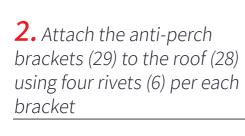


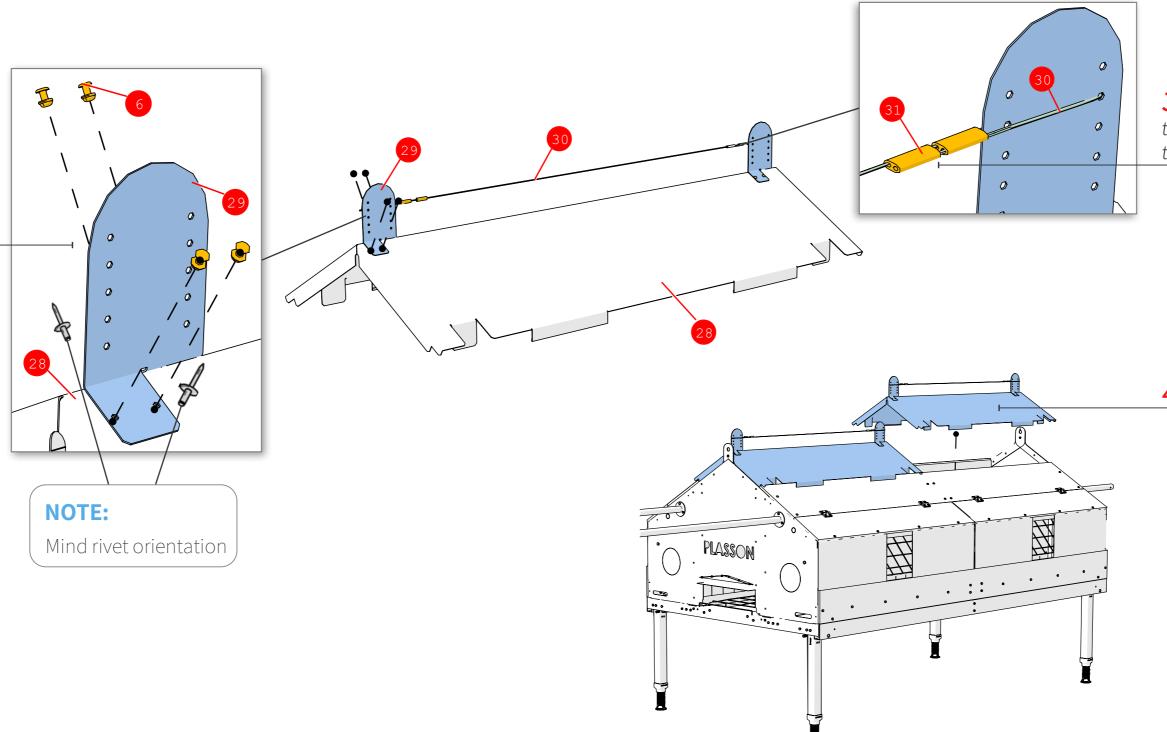
Step 27: Assembling the Nest Roofs

Livestock

EXECUTION PLASSON®



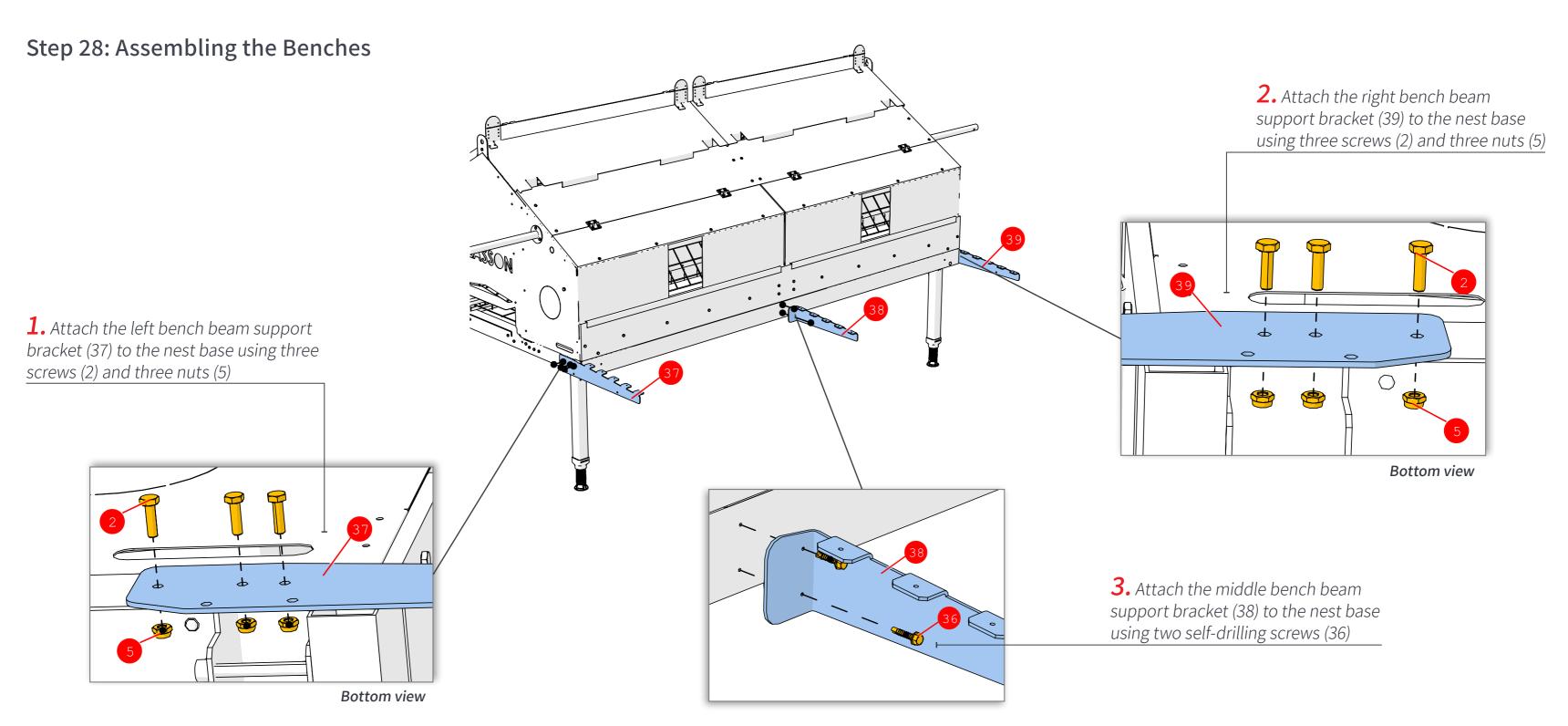




3. Attach the anti-perch cable (30) to the anti-perch brackets using two clamps (31) per each bracket

4. Place the roofs onto the nest





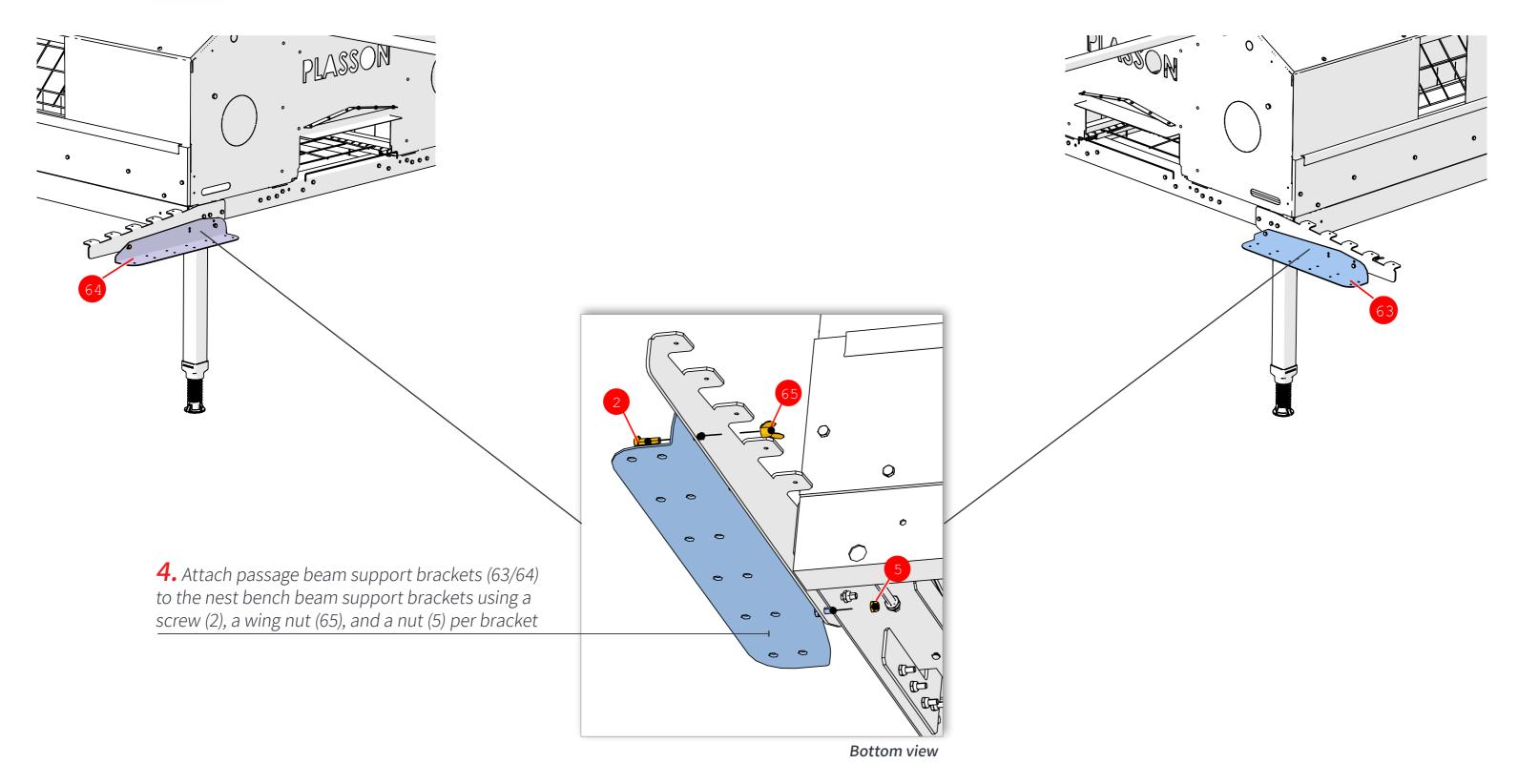


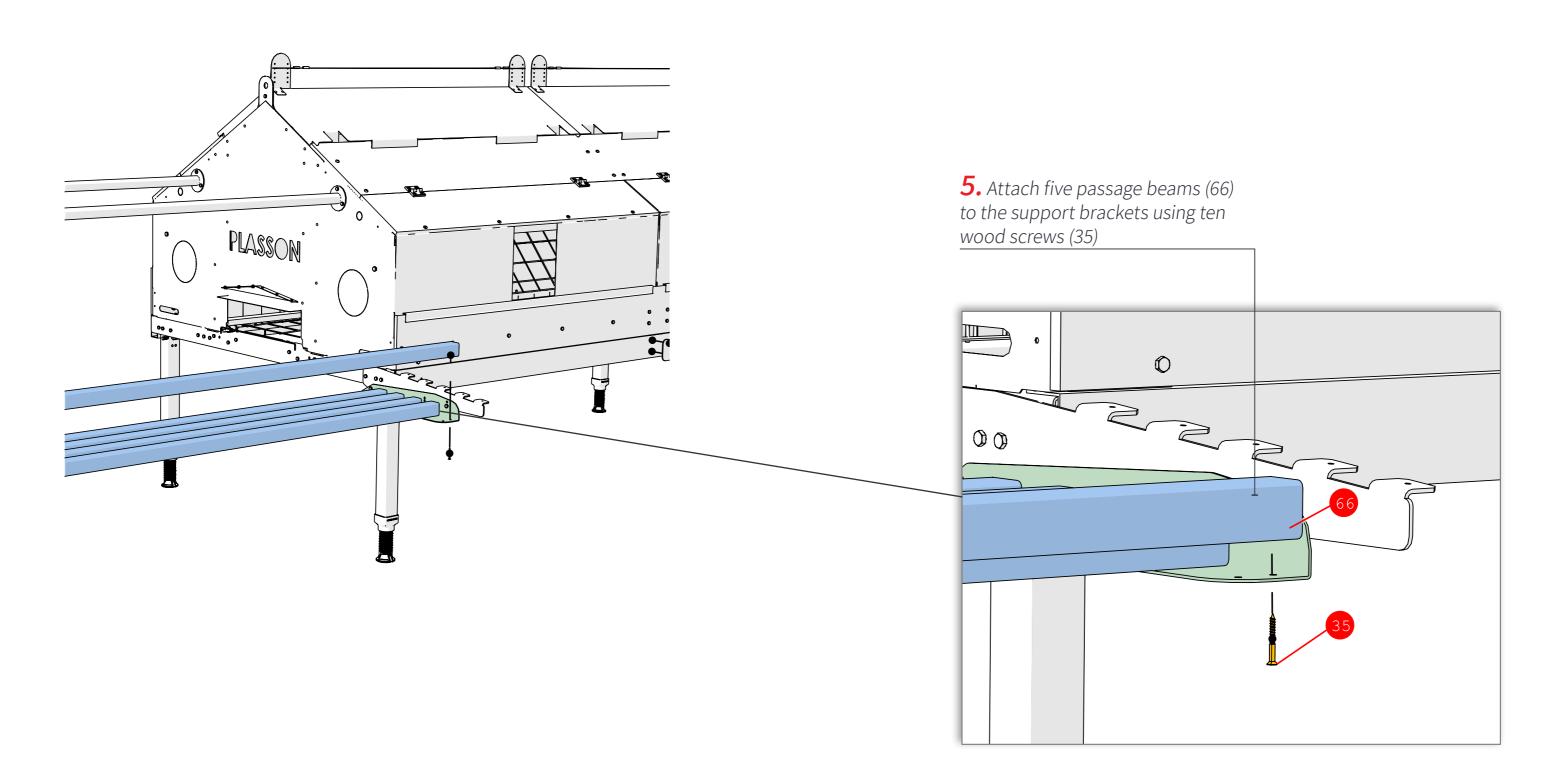
Safety

Introduction

Preparations for Installation Installation

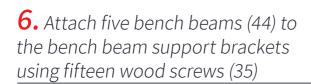
Operation Instructions





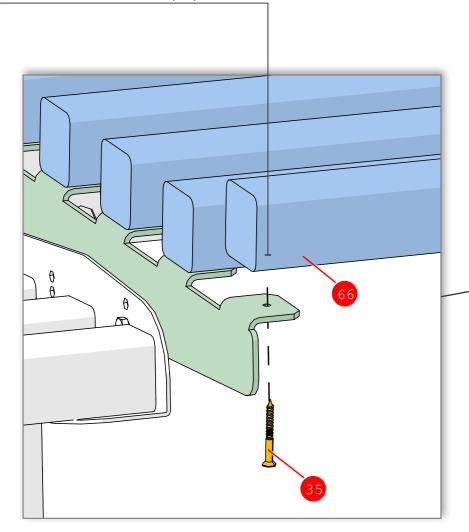
EPLASSON®

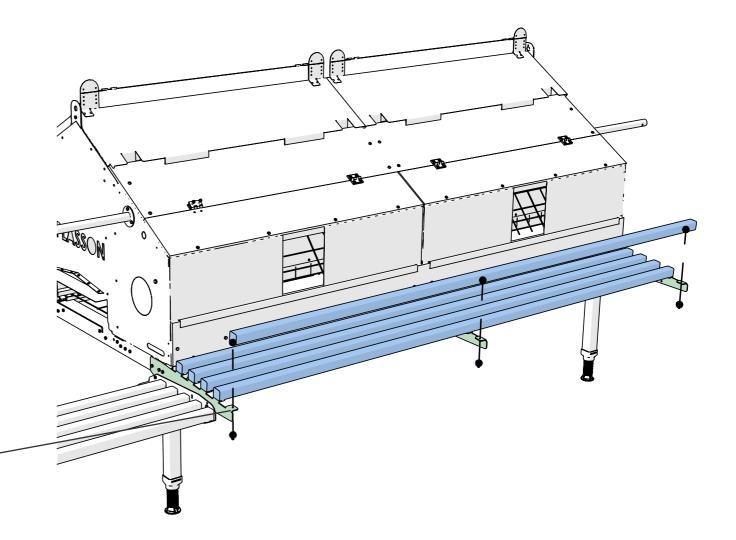
Safety



Livestock

EXECUTION PLASSON®





4.3 Power and Control Connections

This section describes the power and control connections and includes:

Main Power Connection

EPLASSON®

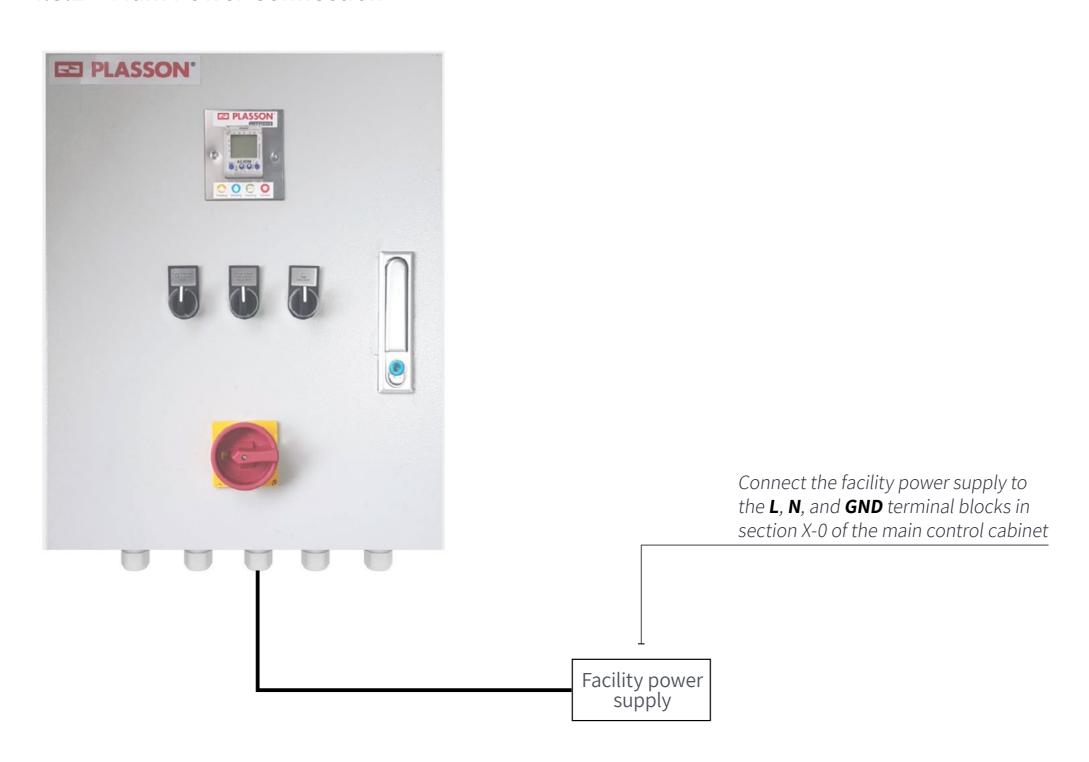
• Suspension System Drive Unit Connection

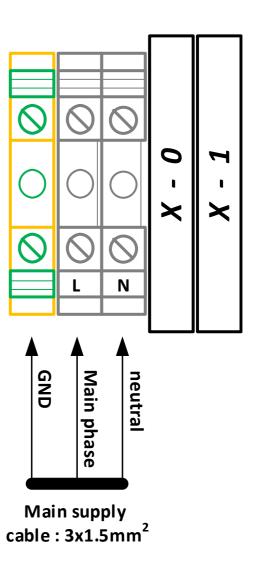
- Expulsion System Drive Unit Connection
- Conveyor Belt Drive Unit Connection
- Auto-stop Sensor Check

4.3.1 Main Power Connection

Livestock

EPLASSON®

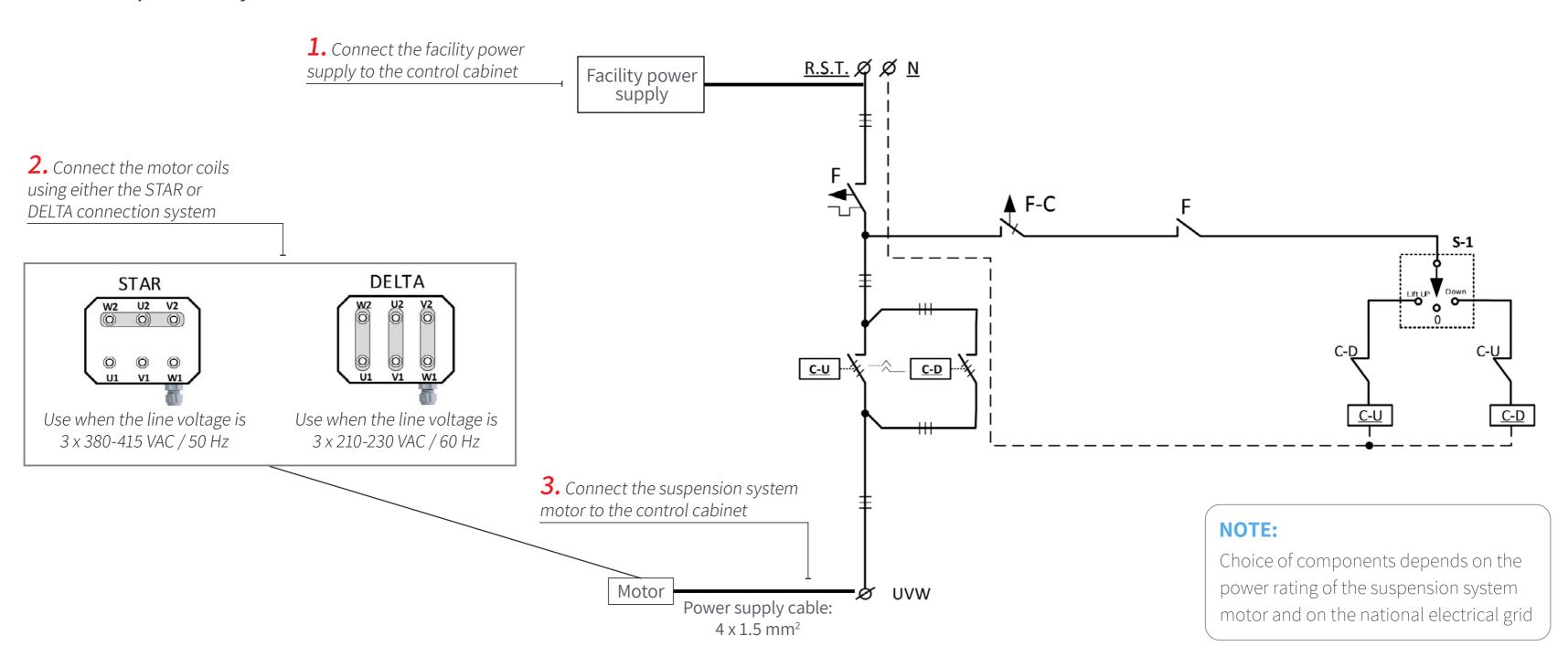




4.3.2 Suspension System Drive Unit Connection

Livestock

EPLASSON®

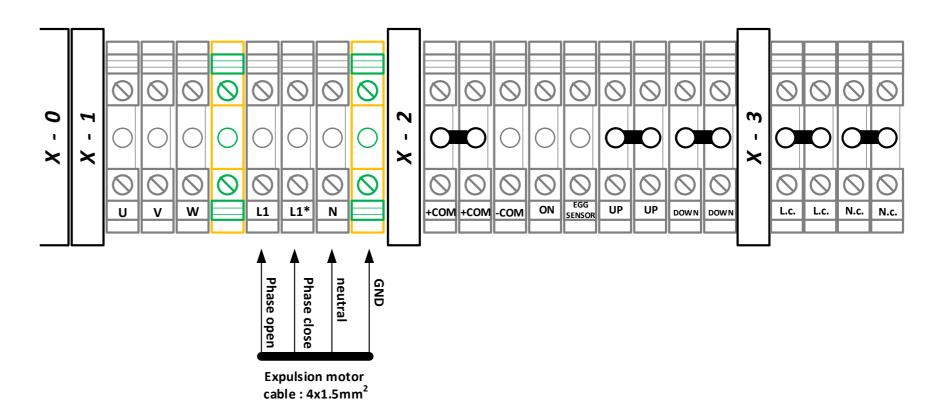


4.3.3 Expulsion System Drive Unit Connection

Livestock

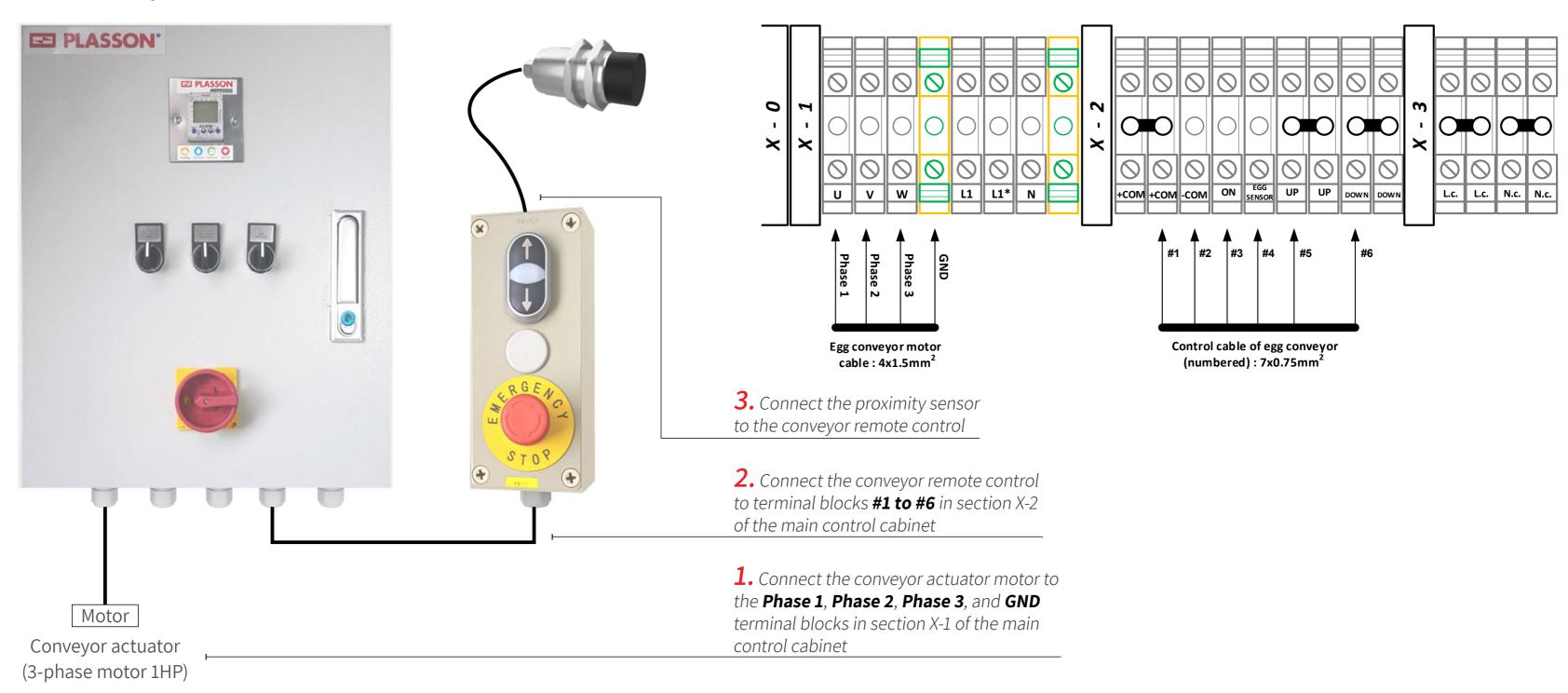


Expulsion actuator (option up to 3x0.75HP - 1 phase)



Connect each expulsion actuator motor to the **Phase open**, **Phase close**, **neutral**, and **GND** terminal blocks in section X-1 of the main control cabinet

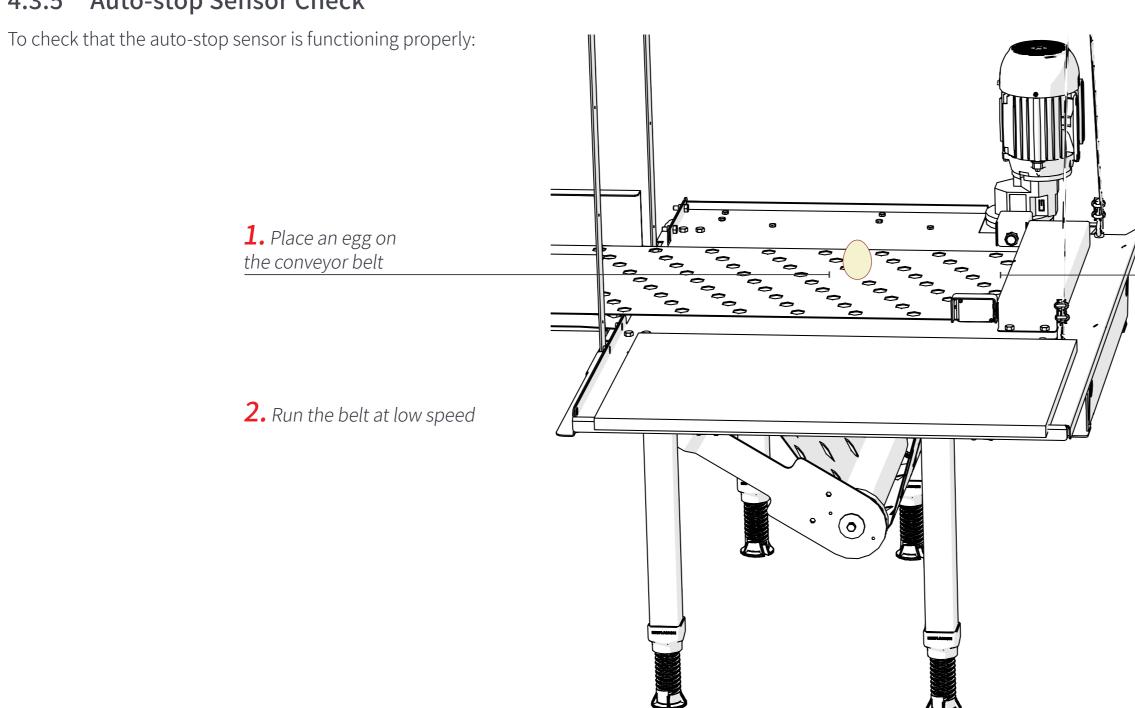
4.3.4 Conveyor Belt Drive Unit Connection



4.3.5 Auto-stop Sensor Check

Livestock

EPLASSON®



3. Ensure the conveyor belt stops when the egg reaches the sensor

4.4 Nest Opening/Closing Schedule Setup

This section describes programming of the timer which controls the opening and closing of the nest expulsion grids, and includes:

Timer Overview

EPLASSON®

- Setting the Time
- Programming Nest Opening/Closing Times

- Locking/Unlocking the Timer
- Manually Opening/Closing Nest

Timer Overview 4.4.1

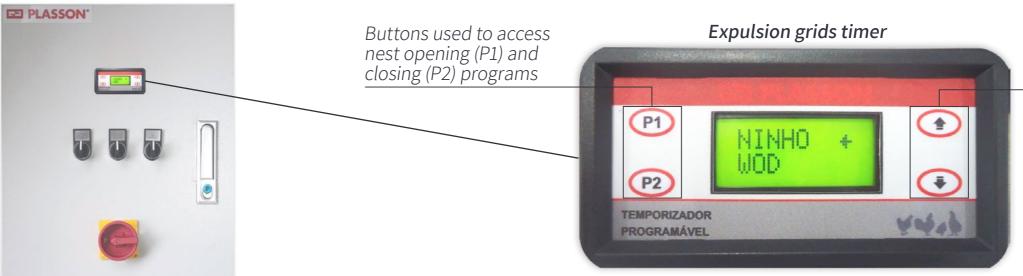
EPLASSON®

Livestock



U

U



Buttons used to define nest opening and closing times

Setting the Time





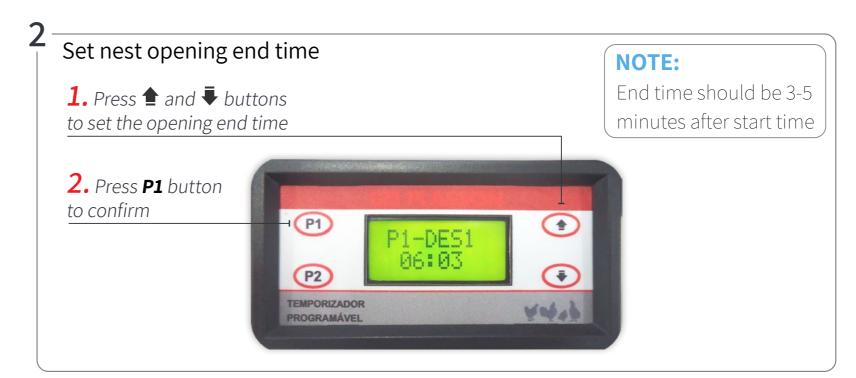


4.4.3 Programming Nest Opening/Closing Times

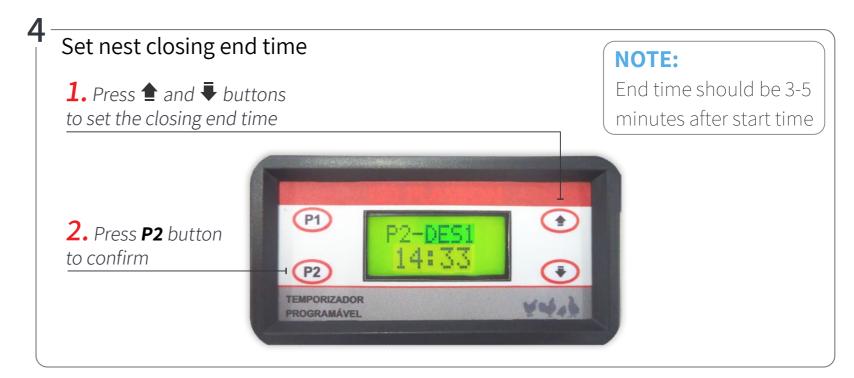
Livestock

EPLASSON®









4.4.4 Locking/Unlocking the Timer

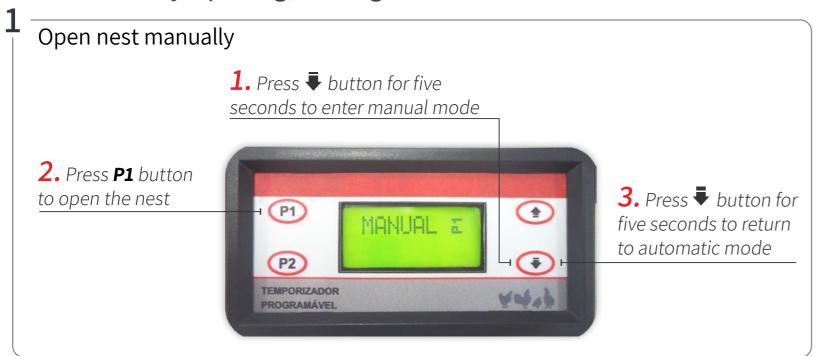
Livestock

EPLASSON®





4.4.5 Manually Opening/Closing Nest





4.5 Bill of Materials (BOM)

Livestock

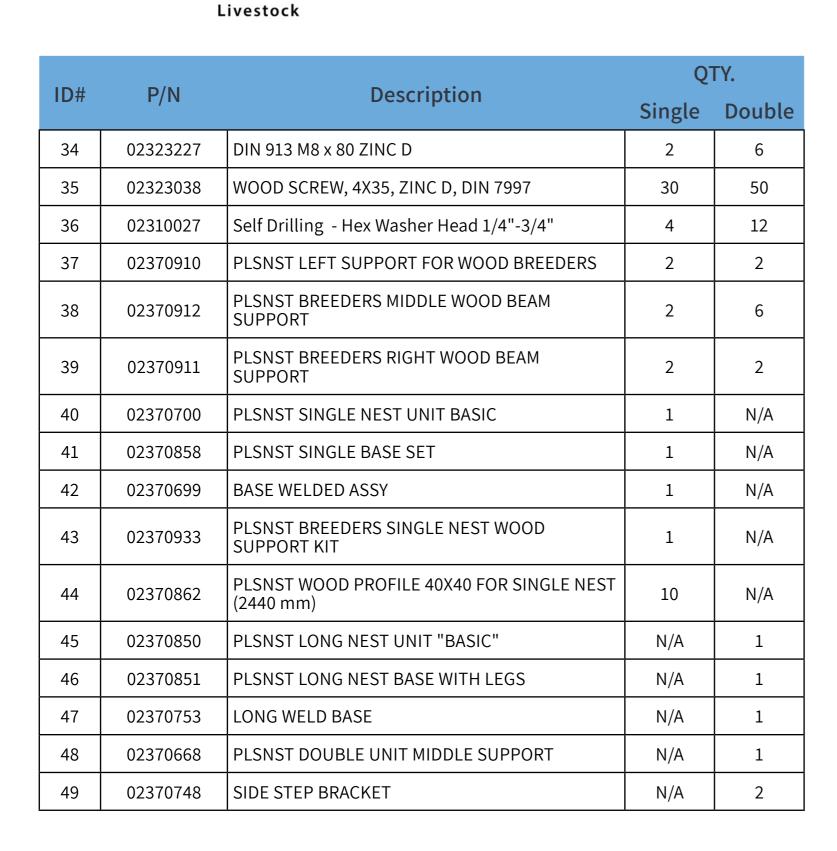
EPLASSON®

The following table displays the list of parts required to assemble a standard section of the system:

104	D/N	QTY.		ΓY.
ID#	P/N	Description	Single	Double
1	02323067	DIN 912 M8X80 ZINC D	8	12
2	02323065	DIN 933 M6X20 SCREW	86	155
3	02323070	DIN 125 M8	8	12
4	02323069	DIN 985 M8 NUT ZINC D	12	28
5	02323068	DIN 985 M6 NUT ZINC D	96	187
6	02323064	POP RIVET SS304 4X10 LARGE HEAD	101	204
7	02370673	BASE MIDDLE PROFILE	2	4
8	02370698	CONNECTION LEG	4	6
9	02370674	BASE MIDDLE SUPPORT	1	2
10	02370721	PLSNST LEG BASE B2600369	4	6
11	02370722	PLSNST PLASTIC SCREW-LEG (B2600370)	4	6
12	2370857	PLSNST SIDE WALL COMPLETE ASSY	2	3
13	02370691	MIDDLE WALL	1	2
14	02370767	INTERNAL WALL ASSY	4	8
15	02370688	PLSNST SIDE WALL SUPPORT	4	6

10#	D/N Description		QTY.	
ID#	P/N	Description	Single	Double
16	02370678	STEP SUPPORT	4	8
17	02370676	STEP	2	4
18	02370692	STEP MIDDLE WALL SUPPORT	2	4
19	02370693	ROOF SUPPORT	2	10
20	02370747	PLSNST ROOF WOODEN ASSEMBLY	2	4
21	02370763	PLSNST SHORT GRID SUPPORT FOR EGG BELT (1143.5 mm)	2	4
22	02370764	EXPULSION GRID	4	8
23	02370765	LOWER GRID ARTIFICIAL TURF	4	8
24	02370027	ARTIFICIAL TURF	4	8
25	02370438	FIXADOR PLAST. TAPPET	4	8
26	2370876	PLSNST PASSAGE 1.5m PROFILE	2	
27	02370766	EXPULSION GRID BRACKET	16	32
28	02370682	PLSNST ROOF	2	4
29	02370709	ANTI-PERCHING BRACKET	4	8
30	02205611	CABLE 1/16"	2	4
31	02205612	ALUMINUM SLEEVE CLAMP 1/16"	8	16
32	02323226	DIN 7985 M6 x 25 SCREW ZINC D	16	32
33	02323037	DIN 933 M8X50 SCREW ZINC D	4	4

EE PLASSON®



104	D/N	Description	QTY.	
ID#	P/N		Single	Double
50	02370970	PLSNST BREEDERS DOUBLE NEST WOOD SUPPORT KIT	N/A	1
51	02370861	PLSNST WOOD PROFILE 40X40 FOR DOUBLE NEST (4872 mm)	N/A	10
52	02323212	DIN 965 ZINC D M6X25 SCREW		
53	02370746	SUSPENSION PIPE BEARING		
54	02323071	SUSPENSION PIPE		
55	02370927	PLSNST SUSPENSION PIPE ADAPTER KIT		
56	02323234	DIN 933 M10X100 (10.9) SCREW ZINC D		
57	02382424	DIN 985 M10 NUT ZINC D		
58	02370792	EGG BELT	1	1
59	02370667	PLSNST HINGE	2	4
60	02370899	EXPULSION MOTOR	1	1
61	02370924	EXPULSION MOTOR COVER	1	1
62	02323072	EXPULSION PIPE		
63	02370686	PASSAGE BEAM SUPPORT –R		
64	02370689	PASSAGE BEAM SUPPORT –L		
65	02310267	WING NUT		



PLASSON®

Livestock

Introduction

Preparations for	
Installation	

Installation

Operation Instructions

15."	5/5/			TY.
ID#	P/N	Description	Single	Double
66	02370843	PASSAGE WOOD PROFILE (ACCORDING TO PASSAGE LENGTH		
67	02320076	DIN 933 M8X35 SCREW ZINC D		
68	02310431	DIN 315 M8 WING NUT		
69	02323233	DIN 933 M8X20 SCREW		
70	02370962	PLSNST COLLECTION TABLE ADAPTER TO PASSAGE	1	1
71	02323039	THIMBLE FOR 6MM CABLE		
72	02370666	PLSNST HANDLE	1	2
73	02370813	PLSNST EGGS BELT CONNECTION STRIP	12	12
74	02323232	DIN 933 M8X16 SCREW		
75	02370966	PLSNST COLLECTION TABLE SAFETY COVER	1	1
76	2370878	PLSNST PASSAGE COVER FOR 1.5m	1	
77	2370702	PASSAGE SUPPORT	4	6
78		Nest lifting drive unit plate		
79		Chain coupler		
80		Nest suspension drive unit	1	1

ID#	D/N		QTY.	
ID#	P/N	Description	Single	Double
81		Collection table motor	1	1
82		Conveyor belt end unit	1	1

5. Operation Instructions

This chapter reviews the tasks associated with first-time operation of the system after installation and includes:

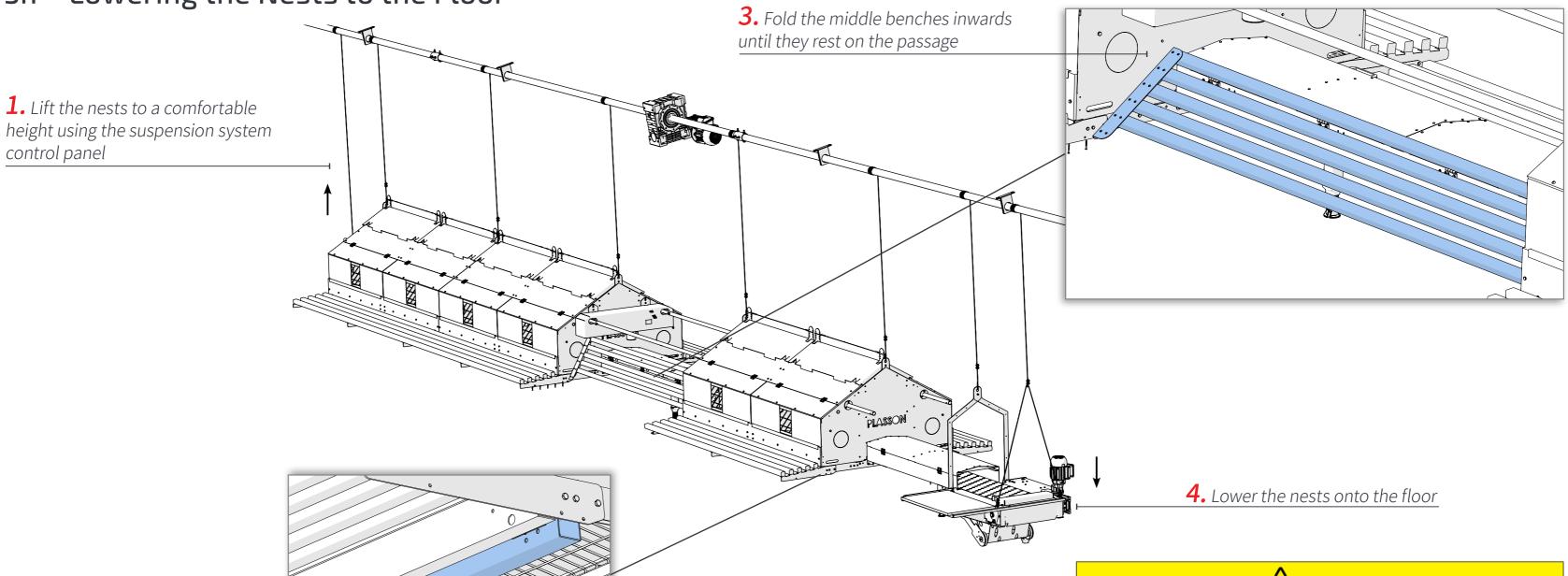
- Lowering the Nests to the Floor
- Running the Egg Collection Conveyor Belt

Bottom view

5.1 Lowering the Nests to the Floor

Livestock

EPLASSON®



2. Fold the legs up toward the bottom of the nests



The suspension system is controlled manually and does not have an automatic stop. Keep eye contact with the system at all times while operating the suspension mechanism

Running the Egg Collection Conveyor Belt

1. Push the up/down buttons on the remote to speed up/ slow down the conveyor belt

EPLASSON®

Livestock



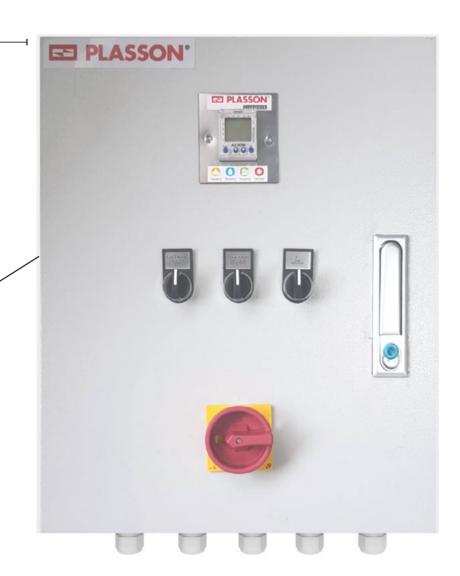
2. Open the control cabinet and locate the frequency converter

3. Verify that the number on the frequency converter does not exceed 50 Hz

NOTE:

The frequency converter box is located inside the control cabinet





Revision History

EXECUTION PLASSON®

Revision	Date	Description	Approval
А	31/08/2020	Initial release	Shaul S.
В		Updated "Nest Opening-Closing Schedule Setup" section with new timer info	









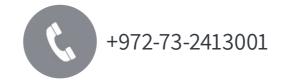


PLASSON Ltd.

Maagan Michael, D.N.

Menashe, 3780500, Israel







Thank you!

Copyright © 2021 Plasson, all rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical or otherwise without prior written permission of Plasson.