# **Competitor and Legacy Tracks**

Ceiling Lift Installation Process





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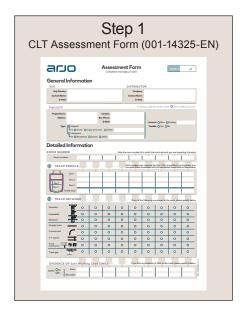
### Introduction

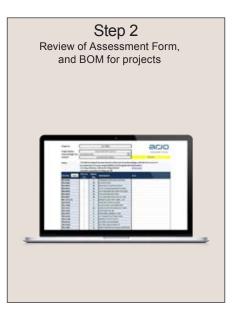
#### SCOPE

Over the years, Arjo has developed various solutions that enable some of our ceiling lifts to be installed on competitor or Legacy Tracks (CLT). Replacements (whether from legacy products or those from competitors) represent an important opportunity for the group, as well as bringing new challenges. Challenges that require a specific process to ensure that the right information and solutions are provided to our customers.

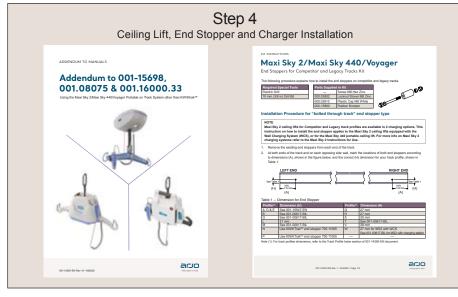
The intent of this document is to present the different steps of Arjo ceiling lift installation on Competitor or Legacy Tracks. The process comprises five main steps, described in the following pages.

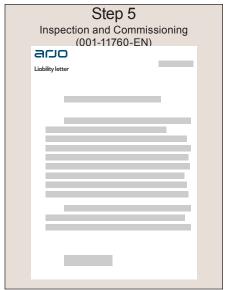
#### **OVERVIEW OF THE STEPS**











INTRODUCTION 3

### **TECHNICAL DOCUMENTS**



This guide references other documents in the various steps described in the following pages. They can all be found in the <u>Arjo Library</u>.

DOCUMENTS L	ISTING	
Profile	Document#	Document name
All	001-14325-EN	Assessment Form - Competitor and Legacy Tracks
All	001-11760-EN	Weight Load Test for KWIKtrak and Competitor & Legacy Tracks
All	001-14250-EN	Addendum to manuals 001.14150.33, 001-15698, 001.19520 and 001-16005
	001-01267-EN	End Stopper for Competitor and Legacy Tracks - Installation Procedure
A D E	001-15547-EN	Maxi Sky 2 for Arjo Bravo UK Tracks, Arjo UK Double Tracks and Bianca Tracks - Installation Instructions
	001-01267-EN	End Stopper for Competitor and Legacy Tracks - Installation Procedure
	001-01267-EN	End Stopper for Competitor and Legacy Tracks - Installation Procedure
	001-01267-EN	End Stopper for Competitor and Legacy Tracks - Installation Procedure
B G M T	001-01267-EN	End Stopper for Competitor and Legacy Tracks - Installation Procedure

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### **STEP 1: CLT Assessment Form**

The Assessment Form for Competitor and Legacy Tracks (CLT) (001-14325-EN) is a document dedicated to determine if your customer's tracking layouts are compatible or not with one or more of Arjo's ceiling lifts.

The form is made up of seven sections that Arjo's sales representatives or technicians are required to fill in. The document also includes an annex section providing detailed information to assist in filling in the previous sections.

#### **GENERAL INFORMATION**

1.1 Enter any general information related to the SSU, Distributor (if relevant) and the Facility under investigation.



#### **ROOM NUMBER**

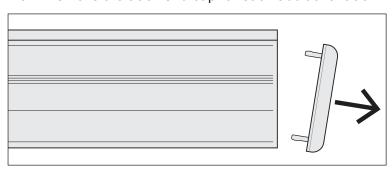
1.2 Enter the room number under analysis in the fields.

All information related to this room will be entered in the same column as this field. Nine (9) different rooms can be assessed with this document. If more room is needed, use an additional sheet.

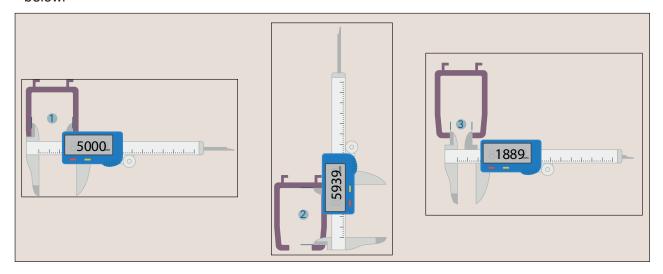


#### TRACK PROFILE DEFINITION

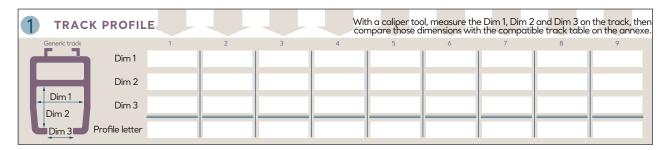
1.3 Remove the track end cap for each additional track.



1.4 Using a caliper tool, measure the inner track profile and note the dimensions Dim 1-2-3 as shown below.

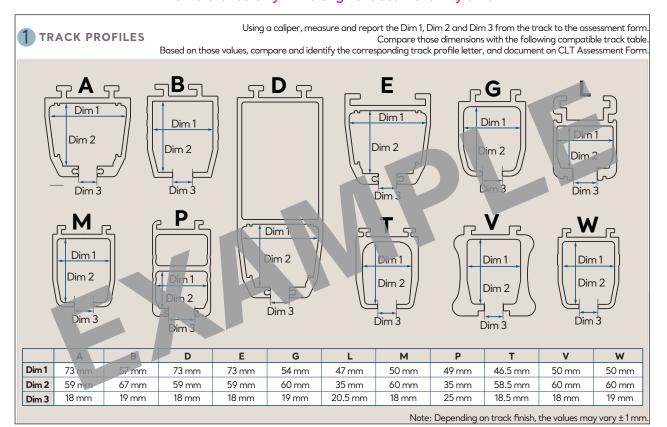


1.5 Report those values to their corresponding fields, in the "Track profile" section.



- 1.6 Using the Track Profiles chart presented in the annex, select the corresponding track profile.
- 1.7 Enter its code letter in the "Profile letter" field. If you don't find any match, it means that the track profile is not compatible with any of the Arjo ceiling lifts.

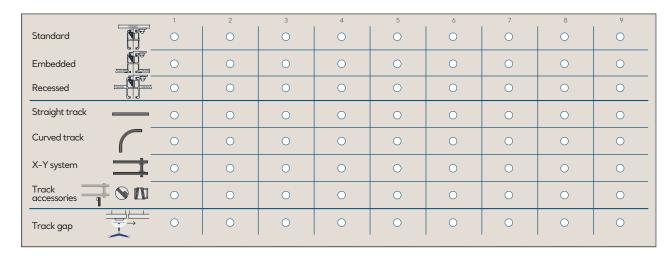
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STEP 1: CLT ASSESSMENT FORM

#### TRACK NETWORK

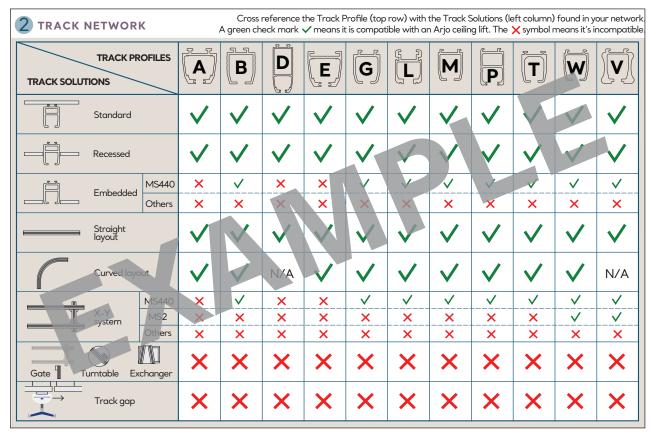
1.8 Identify the type of tracks and the track layout for each room. Check the boxes corresponding to the type of tracks and accessories found in the layout of each room under investigation.



1.9 Based on the track profile and track network identified earlier, use the Track Network compatibility chart in the Assessment Form for Competitor and Legacy Tracks annex to determine if a solution compatible with the track profile and network identified is to be offered.

Arjo's solutions to ensure the compatibility of our products on CLT are limited to specific layouts as presented in the compatibility chart. As a general guideline, you will notice that all solutions are compatible with standard, recessed, straight and curve tracks and X-Y systems. However, Arjo products cannot be installed on more complex layouts that include accessories such as gates, turntables and exchangers. It is therefore key to verify the availability of a solution prior to moving forward with the next steps.

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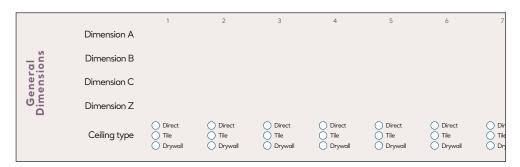
#### **EVIDENCE OF SAFE WORKING LOAD**

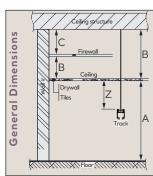
1.10 If there is any evidence of a Safe Working Load (SWL), which could be a label on the track or a report provided by the customer, indicate the date of the latest test performed, along with the SWL tested (SWL label). This information will be used in step 3 of the process to determine the type of Weight Load Test (WLT) that will be performed on the track.



#### **CEILING**

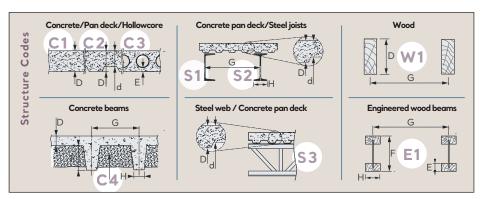
1.11 For each room/track layout, define the type of ceiling and measure the dimensions A, B, C and Z. Refer to the "Section 3 - Ceiling" in the annex to obtain all details for filling in this section.





1.12 For each room/track layout, determine the structure code and measure dimensions D, d, E, F, G and H when applicable. Refer to the "Section 3 - Ceiling" of the annex to obtain all details to help you fill in this section.





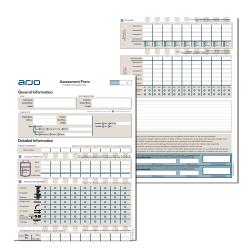
### **CUSTOMER ACCEPTANCE**

1.13 Review the results obtained in the Assessment Form with your customer, along with the five conditions mentioned below.

1.	Customer is aware that the verification process evaluates the co	mpatibility and conditions of the exis	ting assemblies.
2.	Customer agrees to perform Weight Load Test (WLT) at 100% o	r 150% of desired SWL as per Arjo's	WLT procedure (Weight Load
	Test Form #001-11760), should the initial verification meet the b	pasic requirements of ISO 10535:200	6 standard.
3.	Customer is aware that WLT can potentially damage the existing	track assembly, for which the facilit	y is fully responsible.
4.	Customer is advised that corrective measures (installation upgra	de/replacement) may be required.	
	Customer is aware that all installation conditions must meet the This includes the signature of a safety requirements agreement	ISO 10535:2006 standard in order to	,
	have reviewed the data contained in this form and confirm it missing or incorrect information may have an impact on the c		
S			
	Name (Please print)	Date (dd/mm/yyyy)	Authorised signature

# STEP 2: Review of Assessment Form & Bill of Material Creation

Step 2 of the process is the moment where the proposal is put together based on the information collected. During this step, the installation department must review the Assessment Form (001-14325-EN), prepare the bill of material and the quote, as well as drawing up a legal agreement to accompany the quote.



#### ASSESSMENT FORM REVIEW

2.1 Review the Assessment Form. Confirm that all information required is available and that Arjo is in a position to offer a solution for the track profile and layouts identified in the assessment form.

#### **BILL OF MATERIAL**

2.2 Prepare a Bill of Material with the solutions identified in the Assessment Form for Competitor and Legacy Tracks.

Based on the track profile identified, the installation department can refer to the Assessment Form Annex to determine the correct product number for usage.

	Maxi Sky 2 (2 functions)	Maxi Sky 2 (4 functions)	Maxi Sky 600 (2 functions - 2 hooks)	Maxi Sky 600 (4 functions - 2 hooks)	Voyager Duo (2 functions - 2 hooks)	Voyager Duo (4 functions - 2 hooks)	V5 Duo (2 functions 2 hooks)	V5 Duo (4 functions 2 nooks)	Portable trolley (for MS440 & Voyager)
(A)	MS010-AX-XX	MS110-AX-XX	N/A	N/A	N/A	N/A	N/A	N/A	N/A
B	MS010-BX-XX	MS110-BX-XX	LD1B219	LD1B019	913B209	913B009	923B205	923B005	A5900
P	MS010-AX-XX	MS110-AX-XX	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(E)	MS010-AX-XX	MS110-AX-XX	N/A	N/A	NXA	N/A	N/A	N/A	N/A
<b>G</b>	MS011-GX-XX	MS111-GX-XX	N/A	N/A	913G209	913G009	N/A	N/A	700-10640-B
	MS010-LX-XX	MS110-LX-XX	N/A	N/A	N/A	N/A	N/A	N/A	700-10640-B
M	MS010-MX-XX	MS110-MX-XX	LD1M219	LD1M019	913M209	913M009	N/A	N/A	700-10640-B
P	MS010-PX-XX	MS110-PX-XX	LD1P219	LD1P019	913P209	913P009	913P009	N/A	700-10650-B
(T)	MS012-TX-XX	MS112-TX-XX	LD1T219	LD1T019	913T209	913T009	913T009	N/A	700-10640-B
(w)	MS011-WX-XX	MS111-WX-XX	LD1W219	LD1W019	913W209	913W009	913W009	923W205	700-10640-B
(v)	MS010-VX-XX	MS110-VX-XX	N/A	N/A	N/A	N/A	N/A	N/A	700-10640-B

For reference only - The original document may differ

#### LEGAL AGREEMENT

- 2.3 Prepare the quote to the customer.
- 2.4 Fill out the agreement template called "Agreement Regarding Safety Requirements and Limitation of Liability for Ceiling lifts installed on Non-Arjo Tracks". This agreement should be provided to the customer along with the project quote.

#### NOTE

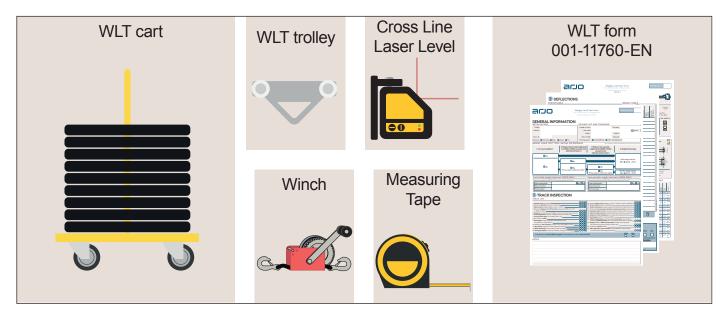
This agreement is mandatory in the process and it states that Arjo accepts no responsibility or liability for the track network or its installation. The agreement template should be provided by your local legal department.

2.5 Initiate the order when the quote is approved AND when the signed agreement is received.

## STEP 3: Weight Load Test

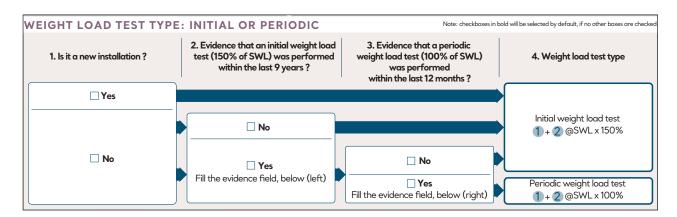
All ceiling lift installations going into a competitor or legacy tracking network require a Weight Load Test (WLT), which should be performed as instructed in the Weight Load Test Form (001-11760-EN).

#### **TOOLS REQUIRED**



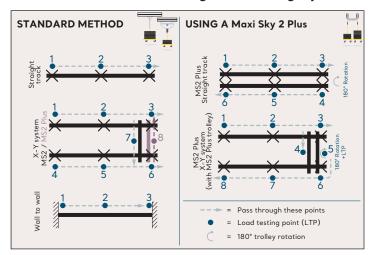
### TYPE OF WEIGHT LOAD TEST (INITIAL OR PERIODIC)

- 3.1 Review the existing tracking system for any evidence of labels indicating the SWL, along with the date when it was tested. The technician may also ask the customer for additional test reports that they may have.
- 3.2 Based on the evidence available, determine the type of WLT (initial or periodic) that needs to be conducted using the chart below. The results will determine if the WLT has to be performed at 100 or 150% for the SWL of the ceiling lift to be installed.

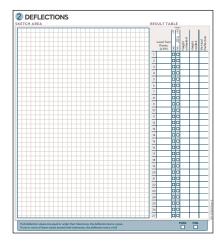


#### TYPE OF WEIGHT LOAD TEST (INITIAL OR PERIODIC)

3.3 Conduct the WLT through the tracking layout, ensuring the track is stable and safe.



3.4 Perform the vertical deflection testing as described in the WLT form (001-11760-EN). Make sure to include a sketch of the actual layout and reference by numbering the load test points.



#### SAFE WORKING LOAD LABEL

- 3.5 Based on the results obtained, determine if the WLT is a pass or a fail.
- 3.5.1 If the WLT is a FAIL, discussion must take place with the customer's project manager to address the situation.

A quick turn around is to downgrade the SWL of the track system to 200 kg (440 lb) or 120 kg (265 lb) and repeat WLT according to the SWL the customer has agreed. Otherwise, installation replacement or reinforcement shall be at customer's expense.

- 3.6 Remove the corresponding weight sticker and apply it to the main sticker (in grey area).
- 3.7 Enter name, date and signature on the main label.
- 3.8 Place the main label on the track.



### **STEP 4: Installation**

This step covers the solution's installation. During this step, the Arjo technician must install the ceiling lift (model number with the appropriate trolley wheels), the portable lift, the charging station if any and the end stopper that fit the track profile. The solution's design might vary depending on the track profile and all solutions are presented in the Addendum 001-14250-EN. As the solutions might vary slightly, the installation procedure might also vary from one solution to another. Please follow the installation procedure corresponding to the targeted solution.

#### WARNING

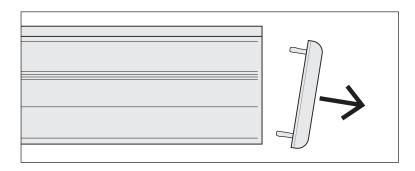
Ceiling lift capacity shall not exceed the track system Safe Working Load (SWL). Therefore, in some cases, it shall be required to install the SWL Downgrade Kit for the MaxiSky 2. Please refer to Part List and Maintenance & Repair manual for more details.

14 STEP 4: INSTALLATION

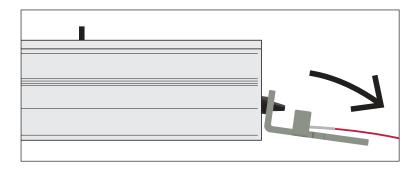
#### **GENERAL INSTALLATION STEPS**

For solutions that do not have a specific installation procedure document, please refer to Addendum 001-14250 for an exploded view of the solution and follow these general installation steps.

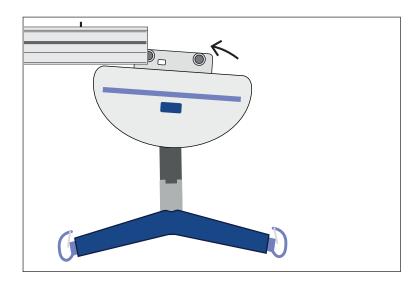
4.1 Remove the end cap, if any, where the new ceiling lift is to be installed.



4.2 Remove the end stopper



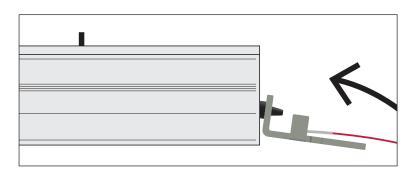
4.3 Insert the ceiling lift or the trolley for portable lift into the track.



#### **WARNING**

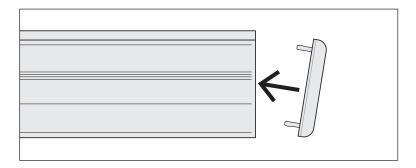
Ceiling lift capacity shall not exceed the track system Safe Working Load (SWL).

4.4 Install end stopper provided in kit according to track profile.



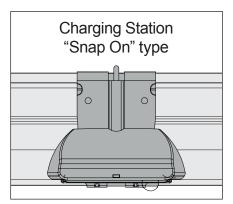
STEP 4: INSTALLATION 15

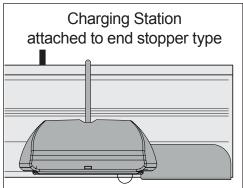
#### 4.5 Replace the end cap, if any.



#### 4.6.1 Charging Station

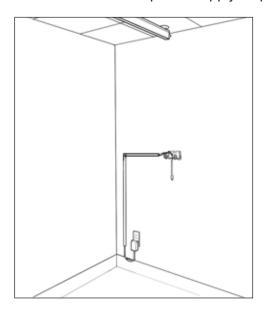
Depending on track profile, install appropriate charger station to track.





#### 4.6.2 Wall Charging System (WCS)

Install wall hook and power supply as per instructions provided in WCS MS2 kit.



4.7 Connect universal charger to outlet and contact station or WCS connector.

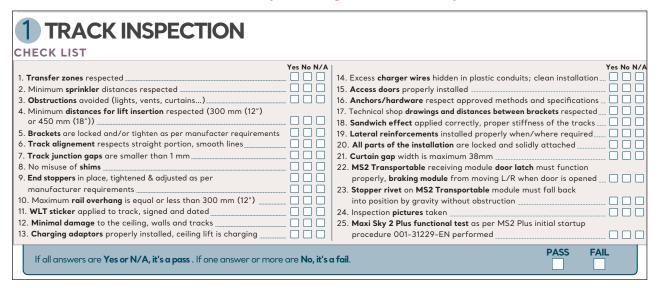
# STEP 5: Inspection and Commissioning

The final step of the installation process is the inspection and commissioning of the tracking system. During this step, the Arjo technician inspects the tracking system, which completes the installation.

#### TRACK INSPECTION

5.1 Go through the checklist of the "Track Inspection" section of the WLT form (001-11760-EN) . If all answers to the checklist are "Yes" or "N/A," the inspection is a pass.

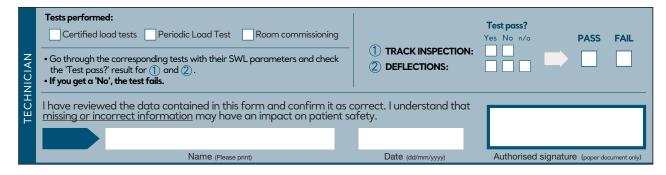
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#### WEIGHT LOAD TEST RESULT

5.2 Complete the last section of the WLT form (001-11760-EN). If both the Track Inspection and Deflection tests pass, the track is commissioned and the installation is now complete.

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5.3 File all documents pertaining to the installation. Arjo recommends holding these documents for the operational life of the device.

At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure ulcers and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.



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