

Operation Manual

Roof Purlin & Roller Door Locator Attachment Model A-400

Serial Numbers A400-1 onwards



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Introduction



Failure to read, understand and obey the safety rules will result in death or serious injury.

Do Not Operate Unless:

You learn and practice the principles of the safe attachment operation contained in this operator's manual.

1. Avoid hazardous situations
2. Always pre-inspect attachment
3. Always perform function tests prior to use
4. Inspect and clear the workplace
5. Only use on recommended Dingli scissor lifts.

You read, understand and obey the manufacturer's instructions and safety rules safely and operator's manuals and attachment decals.

You read, understand and obey employer's safety rules and worksite regulations.

You read, understand and obey all applicable governmental regulations.

You are properly trained to safely operate attachments on recommended Dingli Scissor lift.

Work Area Safety

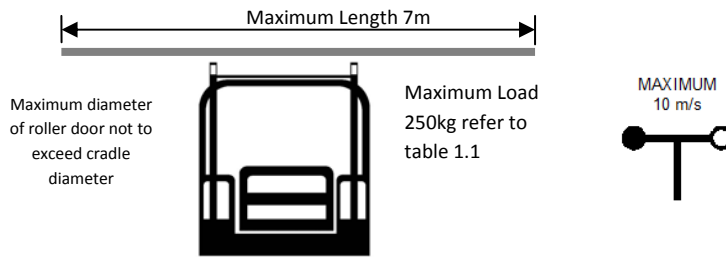


Figure 1.1 Single Lift

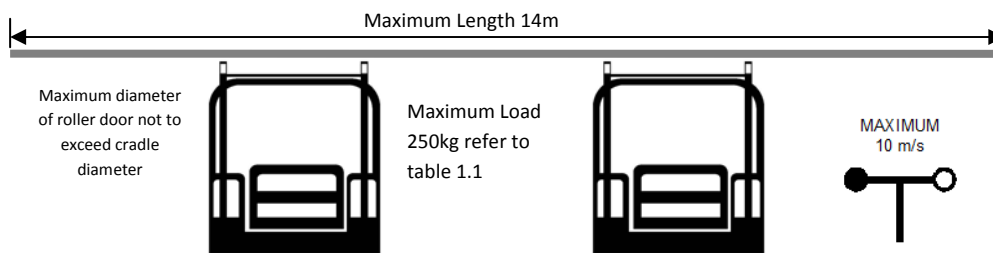


Figure 1.2 Dual Lift

Tip-over Hazard

Do not operate lift attachment if wind is present.

Do not exceed the rate loaded capacity of the system. The maximum capacity is 250kg, unless otherwise specified within table 1.1 Recommended Dingli Scissor Lift Models, Weight & Occupancy table.

Do not use anything other than the attachment to level the loads.

Do not raise the load unless load is properly secured within the Roof Purlin or Roller Door Locator, whichever is appropriate with tie down straps supplied.

Avoid debris and uneven surfaces.

Ensure machine is on level ground.

Dropping Hazard

Ensure only limited drive movement occurs when the scissor lift is elevated with the attachment loaded. Ensure work area is clear of personnel and equipment before any lift, with attachment loaded.

When attachment is loaded the only operational movement of the scissor lift is raising, lowering or drive in the stowed position and limited drive elevated with loaded attachment for Roof Purlin or Roller Door positioning.

Crushing Hazard

Always use gloves when loading scissor lift and using attachments on machine.




Do not exceed the rated capacity of the system. The maximum capacity is 250kg, unless otherwise specified within table 1.1 Recommended Dingli Scissor Lift Models, Weight & Occupancy table

Do not use anything other than the attachment to level the loads.

Avoid debris and uneven surfaces.

Decal Legend

The decals are symbols, colour coding and signal words to identify the following:

	Safety alert symbol – used to alert personnel to potential hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 DANGER	Orange – used to indicate the presence of a potential hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Yellow – used to indicate the presence of a potential hazardous situation which, if not avoided, will result in death or serious injury
INSTRUCTIONS	Green – used to indicate to read all assembly and operation instructions prior to operation.

Parts Description:

Description	Quantity
Roller Door Support Cradle	2
Roof Purlin Support Rail	2
Vertical Safety Bar	2
Socket Vertical safety Bar	2
Rail Pins with Stainless Lanyard	16
Bolts – Long with Nylon Nut & Washers	2
Bolts - Short	28
U-Bolts	8
U-Bolt mounting Plate	8
U-Bolt Threaded Plate	8
Foot Pad Threaded Plate	6
Single upright Foot Pad	2
Double upright Foot Pad	2
Single Uprights	2
Double uprights	2
Spreader Bar Short	1
Spreader Bar Long	1
Tie-down Strap	2
Decal operation	1
Operation Capsule	1
Operation Manual	1

Installation steps:

1. Assemble the attachment as per figure 1.3 with reference to Pictures 1.1, 1.2 & 1.3

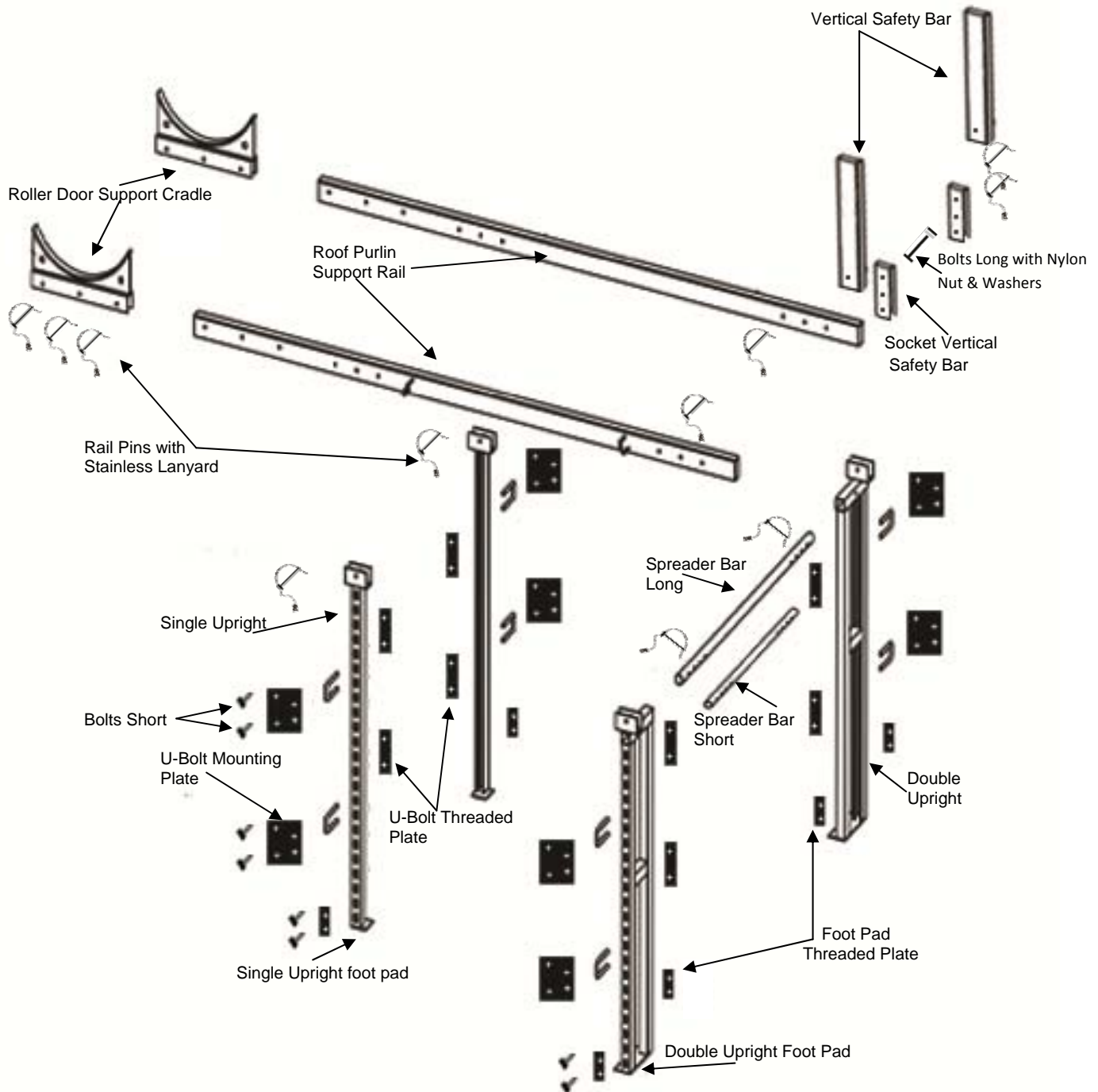
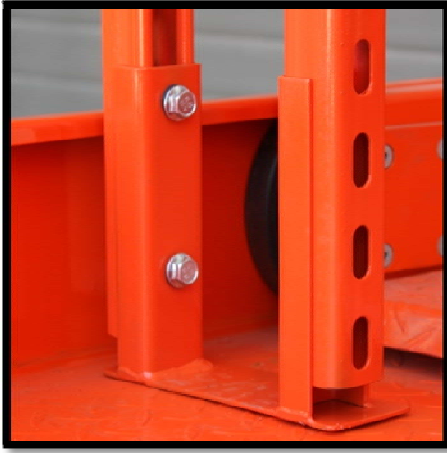


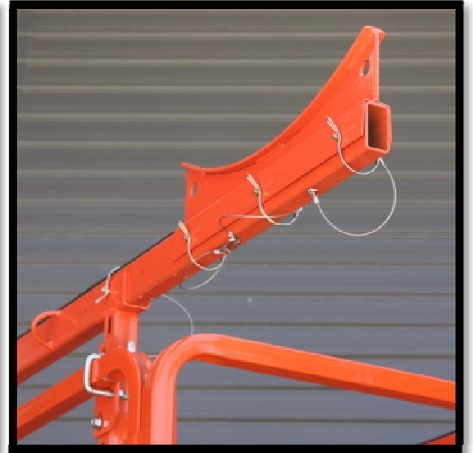
Figure 1.3 Roof Purlin & Roller Door Lifter attachment assembly



Picture 1.1



Picture 1.2



Picture 1.3

2. Ensure all bolts and rail pins are fully secured to the attachment as per the above Pictures 1.1, 1.2 & 1.3
3. Position into scissor lift. Foot pad should be sitting on the deck of the platform as weight is transferred to the floor deck instead of the hand rails as per Picture 1.1
4. Lift Attachment should be secured to the side of scissor lift with given U bolts to be used in the main deck area only as per figure 1.4 & 1.5

Control box end
of platform

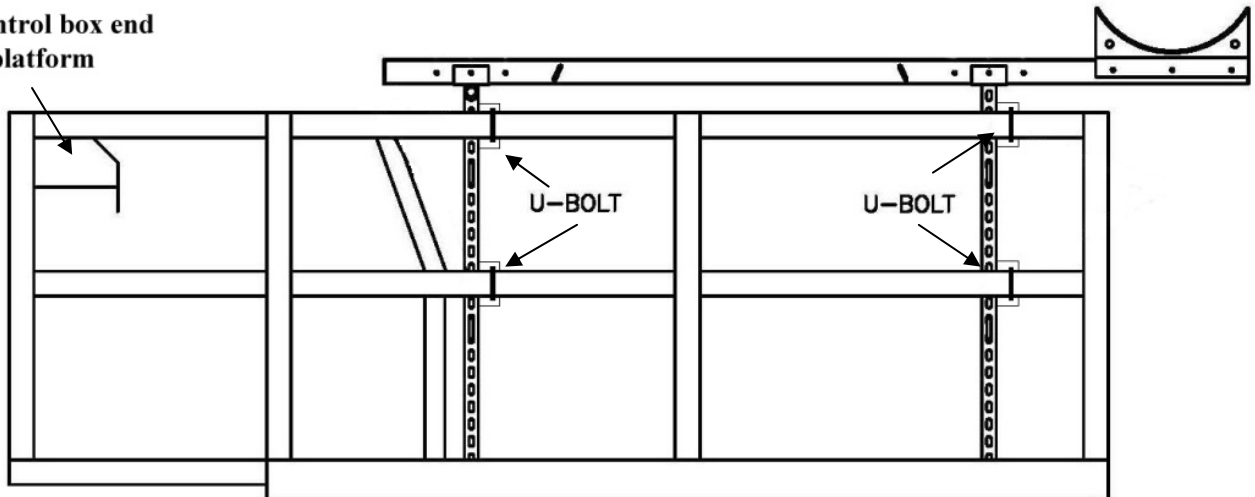


Figure 1.4 Roof Purlin & Roller Door Attachment installation
– Single extension deck Scissor with Deck extended

Control box end
of platform

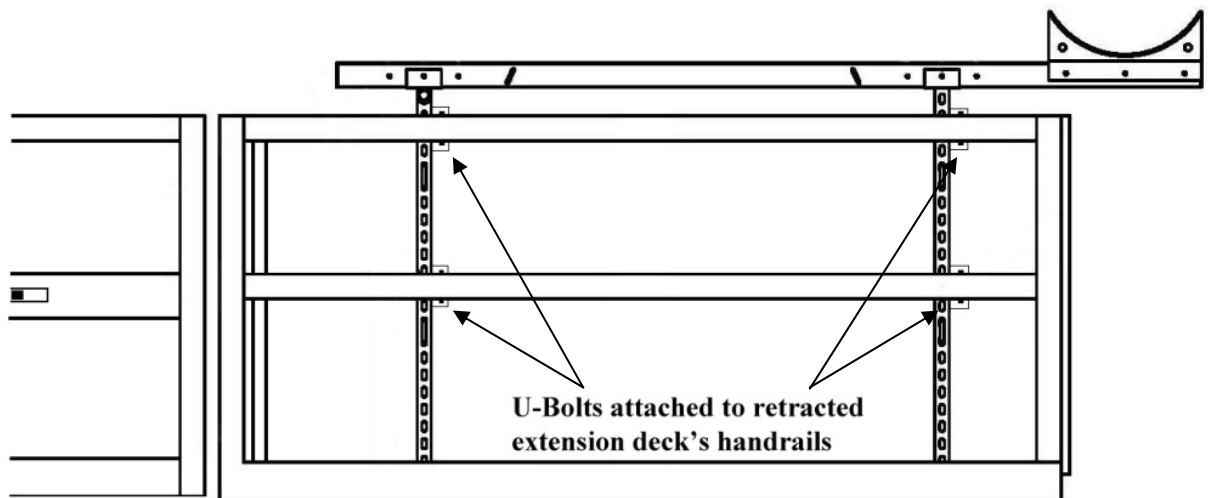


Figure 1.5 Roof Purlin & Roller Door Attachment installation
– Dual Extension Deck Scissor with one Deck retracted.

5. Handlers should be secured to the side of scissor lift with U bolts around upper and lower railing.

Recommended Scissor Lifts

Recommended for Dingli Scissor Lifts only and operated on level and solid floor surfaces. NOT to be used on any inclined surfaces. Refer table 1.1 for recommended Dingli Scissor Lift models with the Maximum occupancy when attachments are fitted and SWL of the attachment system.

Summit Series	Max Occupancy	SWL of Roof Purlin & Roller Door Locator Attachment System	E-Tech Series	Max Occupancy	SWL of Roof Purlin & Roller Door Locator Attachment System
S0812EH	1	250kg	S0812E	1	250kg
S1012EH	1	240kg	S1012E	1	240kg
SC0817-AWD	2	250kg	S0814AD	1	250kg
SC1017-AWD	1 2	250kg 160kg	S1014AD	1	240kg
SC1217-AWD	1	170kg			
SL1023-AWD	6	250kg			
SL1323-AWD	3	250kg			
SL1623-AWD	3	250kg			

Table 1.1 Recommended Dingli Scissor Lift Models, Weight & Occupancy table.

Operating Instructions:

Using the Roof Purlin & Roller Door Locator attachment for anything other than its intended purpose is unsafe.

1. Be sure the Roof Purlin & Roller Door Locator assembly and installation instructions have been followed properly and that the attachments are secured to the platform railing as per figure 1.3, 1.4 and 1.5
2. Ensure recommended Dingli Scissor Lifts 1.1 'Recommended Dingli Scissor lift models, weight and occupancy table'.
3. Always use the Roof Purlin & Roller Door Locator attachment on level surfaces.
4. Ensure work area is clear of all equipment and personnel.
5. Place the load so that it rests in the attachment as per figure 1.6 'Load Location & Secured'.

6. The length of the load should be evenly distributed across the width of the platform as per figure 1.1 'Single Lift' OR Figure 1.2 'Dual Lift'.
7. Keep the load secured with tie down straps provided as per figure 1.6 'Load Location & Secured' when the scissor lift is moving or lifting.
8. Ensure only one load area of the attachment is used at one time, either the Roof Purlin support rails OR the Roller Door cradles.
9. Always follow the safe operating procedures of the recommended Dingli Scissor lifts used.
10. Ensure the number of occupants, once attachments are fitted do not exceed Table 1.1 'Recommended Dingli Scissor lift models, weight and occupancy table'.
11. At all times while the attachment is loaded and or the scissor lift elevated or driven, ensure there is clear communication to personnel on ground. When a dual lift operation is occurring there should also be clear communication between the individual operators of the scissor lifts.
12. Position machine for lift on level ground and avoid debris and uneven surfaces.
13. With the initial lift from the scissor stowed position, be sure there are no overhanging obstructions prior to lift.
14. Once the load of Roof Purlins or a Roller Door are at the correct height for positioning ensure the load is placed over the structure of roof frames or roller door hanging brackets as soon as possible. This will assist in stabilising scissor and load.
15. Be sure load is secured to the structure before releasing the tie down straps on the attachment.
16. S.W.L. of system is 250Kg unless otherwise specified within table 1.1 Recommended Dingli Scissor Lift Models, Weight & Occupancy table.
17. Weight of each attachment assembly is 71Kg
18. Safe working load of system plus weight of attachment must be subtracted from the S.W.L. of the recommended Dingli Scissor Lift.
19. Ensure only limited drive movement occurs when the scissor lift is elevated with the attachment loaded.
20. When using attachment it will increase the overall width and length of the scissor lift. Allow for extra width and length when raising and lowering.
21. Use of the attachment should stop if there are signs of wind present.

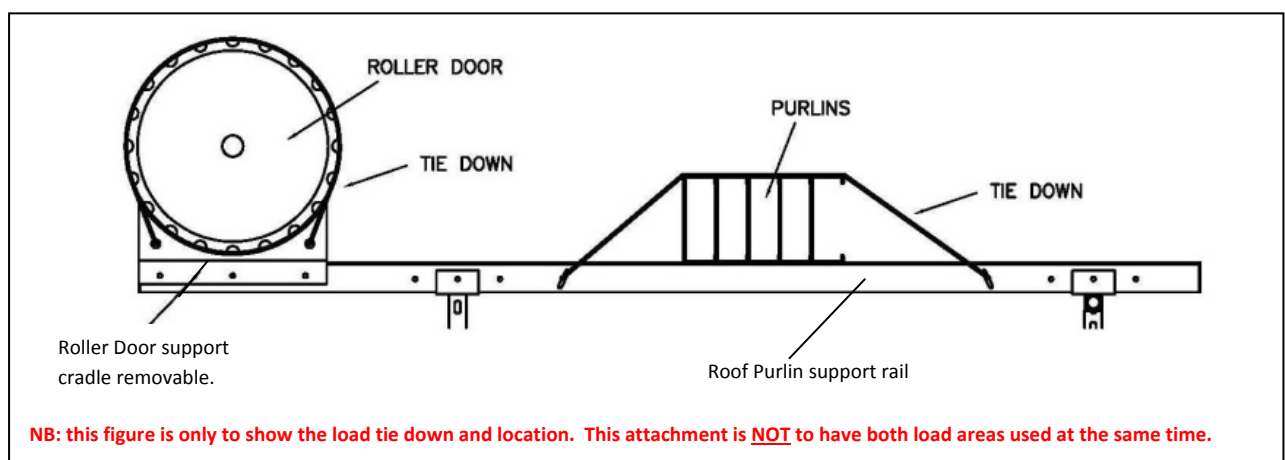


Figure 1.6 Load Location & Secured

Decals

Use the appropriate information to verify that all decals are legible and in place.

Description	Quantity
Instruction	1

Serial Numbers

Be sure that the Dingli Roof Purlin & Roller Door Locator attachment system is complete. The uprights, cradles and support rails of the attachment are stamped with a serial number. The complete Roof Purlin & Roller Door Locator Attachment System must have identical serial numbers on all components.

Specifications

Roof Purlin & Roller Door Locator Attachment system capacity is 250Kg unless otherwise specified within table 1.1 Recommended Dingli Scissor Lift Models, Weight & Occupancy table.

Weight per each attachment assembly 71kg

Notes: