

# Operation Manual

## Rio Bar & Tube Handler Attachment Model A-200



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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.

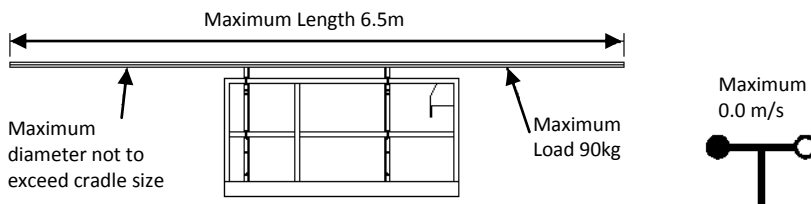
**You** read, understand and obey the manufacturer's instructions and safety rules safely and operator's manuals and attachment decals.

**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



### Tip-over Hazard

Do not operate lift attachment outdoors.

Do not exceed the rate loaded capacity of the system.  
The maximum capacity is 90kg.

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

Do not raise the load unless load is properly secured within the Rio Bar & Tube handler, with tie down straps supplied.

Avoid debris and uneven surfaces

## **Dropping Hazard**

Do not drive the scissor lift while elevated with the attachment loaded. Ensure work area is clear of personnel and equipment before any lift, with attachment loaded.

When lift attachment is loaded the only operational movement of the scissor lift is raising, lowering and drive in the stowed position.

## **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 90kg.

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

Avoid debris and uneven surfaces.

## Decal Legend

Platform Solutions decals use 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.
 <b>DANGER</b>	Orange – used to indicate the presence of a potential hazardous situation which, if not avoided, will result in death or serious injury.
 <b>WARNING</b>	Yellow – used to indicate the presence of a potential hazardous situation which, if not avoided, will result in death or serious injury
<b>INSTRUCTIONS</b>	Green – used to indicate to read all assembly and operation instructions prior to operation.

## Parts Description:

Description	Quantity
Upright Cap	4
Upright	2
U-Bolts	4
Bolts	12
Nylon Nut & washers	20
Cradle	2
Strap Buckle	2
Foot Pad	2
Tie-down Strap	2
Decal operation	1
Operation Capsule	1
Capsule clamps, bolts & nuts	2
Operation Manual	1

## Installation steps:

1. Assemble each attachment as per figure 1.1.

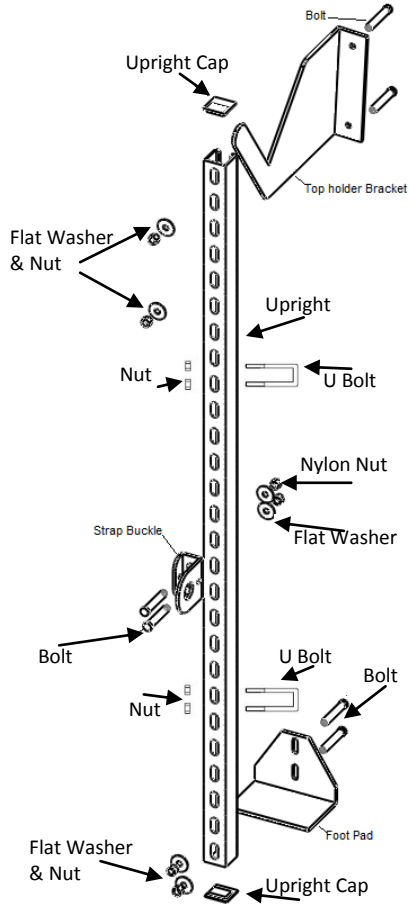


Figure 1.1: Rio Bar & Tube Handler Attachment assembly



2. Ensure all bolts are fully secured to attachment
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.
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 1.2 & 1.3

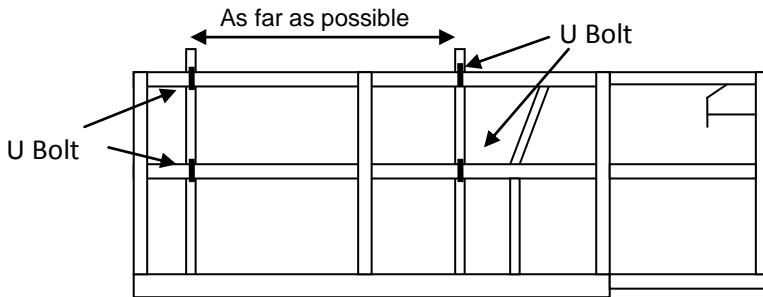


Figure 1.2 Rio Bar & Tube Handler attachment installation – Deck extended

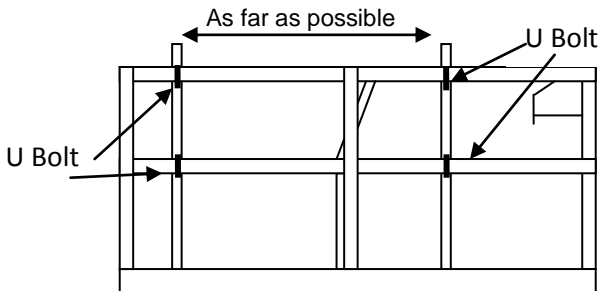


Figure 1.3 Rio Bar & Tube Handler attachment installation – Deck retracted

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 outdoors or on any inclined surfaces. Refer table 1.1 for recommended Dingli Scissor Lift models with the Maximum occupancy when attachments are fitted.

Summit Series	Max Occupancy	E-Tech Series	Max Occupancy
S0608EH	2	S06-E	1
S0808EH	1	S0608E	2
S0812EH	2	S0808E	1
S1012EH	2	S0812E	2
SC0817-AWD	4	S1012E	2
SC1017-AWD	3	S0814AD	2
SC1217-AWD	2	S1014AD	2
SL1023-AWD	7		
SL1323-AWD	5		
SL1623-AWD	5		

Table 1.1 Recommended Dingli Scissor Lift Models

## Operating Instructions:

Using the Rio Bar & Tube handler attachment for anything other than its intended purpose is unsafe.

1. Be sure the Rio Bar & Tube handler assembly and installation instructions have been followed properly and that the attachments are secured to the platform railing to recommended Dingli Scissor Lifts
2. Always use the Rio Bar & Tube handler attachment indoors on level surfaces.
3. Ensure work area is clear.
4. Place the load so that it rests in both attachments. The length of the load should be parallel with the length of the platform.
5. Centre the load in the attachments.
6. Keep the load secured with tie down straps provided when the scissor lift is moving.
7. Always follow the safe operating procedures of the recommended Dingli Scissor lifts used and the number of occupants once attachments are fitted.
8. Position machine for lift.
9. S.W.L. of system is 90Kg
10. Weight of each attachment assembly is 7Kg
11. Safe working load of system plus attachments must be subtracted from the S.W.L. of the recommended Dingli Scissor Lift.

12. Never drive the scissor lift elevated while attachment is loaded.
13. When using attachment it may increase the overall length of the scissor lift. Allow for extra length when raising and lowering.
14. Use of the attachment should stop if there are signs of wind present.

## 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 Rio Bar & Tube Handler attachment system is complete. The uprights per each attachment are stamped with a serial number. The complete Rio Bar & Tube Handler Attachment System must have identical serial numbers on each of the uprights.

## Specifications

Rio Bar & Tube Handler Attachment system capacity	90Kg
Weight per each attachment assembly	7kg

**Notes:**