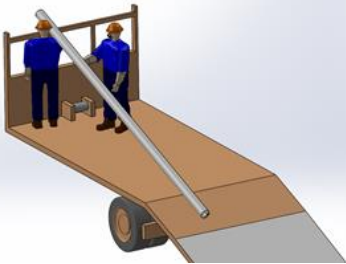
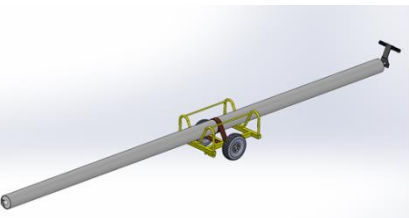
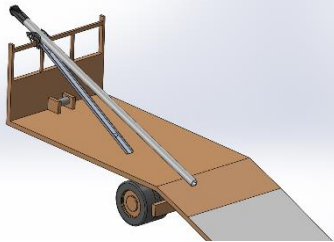


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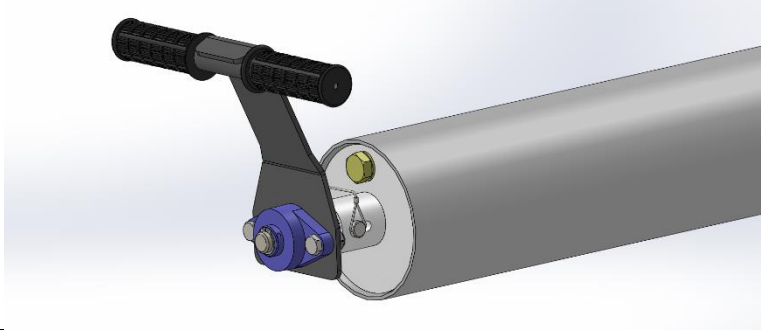
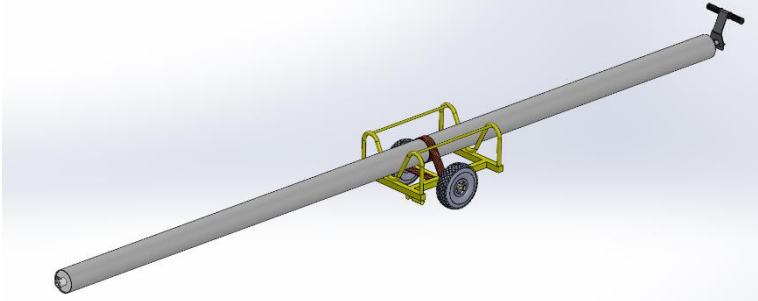


Title:	Roller Striker Loading and Securing	
Priority	Green – Opportunity to Improve	
Legislation:	PUWER, Manual Handling, Management Regs	
Brief Description:	Roller strikers are a common hire fleet item and offer significant challenges regarding safe loading for hire teams. They often weigh in excess of 70kg and are significant in length. A safe system of work has been created by Altrad Belle for use with their equipment.	
Equipment Affected:	Altrad Belle Roller Striker Assembly – May be compatible with other manufacturers equipment.	
<p>Loading and securing and subsequent unloading of roller strikers offers a number of challenges regarding risk management include risk of manual handling injuries – Musculoskeletal Disorders (MSDs) and risk of damage to equipment and vehicles. In addition, the loading operation can be time consuming and involve two to three members of staff (Image 1). Altrad Belle working with HAE members have developed a simple system for safe loading, securing and unloading of roller strikers.</p> <p>This system is designed for beavertail type vehicles equipped with a winch however, a number of the components may be suitable for use with your vehicles (Image 2)</p>		
1 – Existing Complex Manual Handling Task	2 – Simple Handling Equipment for branch and site	3 – Bespoke Ramp for Loading and Securing
		
Parts List		
Part Number	Quantity Required	Description
OPH-09-DIO	1	Ramp and Clamp Assembly kit
OPH-10-DIO	1	Skate Assembly kit for roller
OPH-08-DIO	1	Roller Striker Carry Handle – provided as a pair
129.2.000	1	Locking Pin for handle – spares part no. provided in kits
129-99005	1	Retaining Pin – part of Ramp and Clamp Assembly kit
3-1018	2	Locking Pins for Retaining Pin – in kit

Title: Roller Striker Loading and Securing **Bulletin Number:** 29 - 2016 **Creation Date:** 09/12/2016

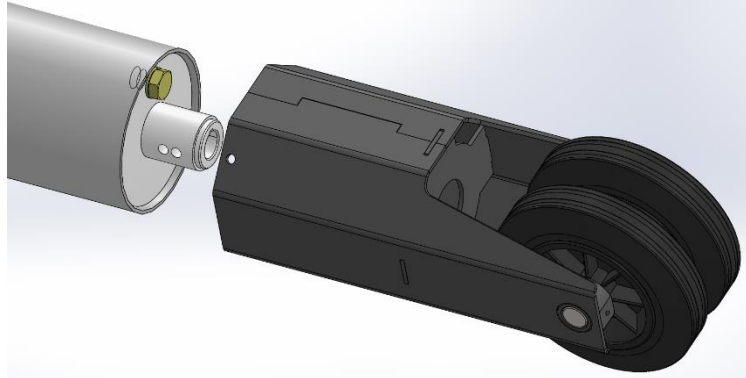
Authors: TfH Ltd **Reviewed by:** TechH&S **Revision:** V1.2

Altrad Belle Roller Striker Loading / Unloading System – Operation Guide

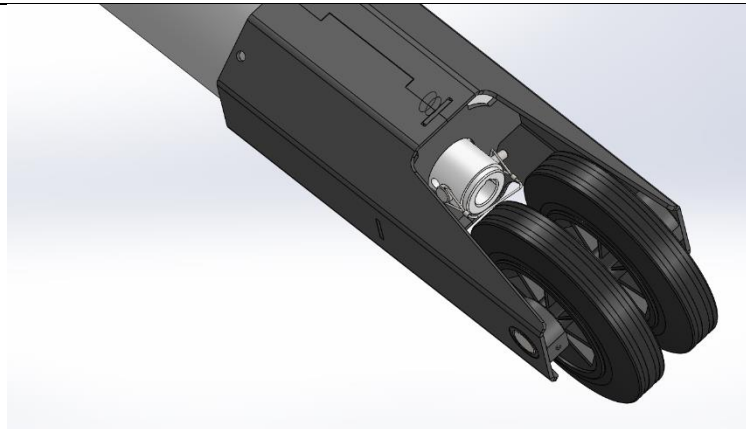
Pipe Bogey	1	From your existing handling equipment supplier 
Ratchet Strap	1	Suitable for the task – from your existing supplier
Recommended Actions:	<ul style="list-style-type: none"> ● Review current practices and your existing safe system of work ● Review following operation guide if Altrad Belle system is adopted ● Consider using pipe bogey for simplified handling in branch and on site 	
Circulation:	Management / Purchasing / Transport Team	
<p>1. Fit the 'Roller striker carry handle' (Part No. OPH-08-DIO) into the end of the Roller striker tube and secure it with the locking pin (Part No. 129.2.000). No tools required.</p> 		
<p>2. Remove the roller from the storage rack using the carry handles and lower it onto the pipe trolley. At this point it is better to have the pipe trolley located in the centre of the tube, to give a balanced load whilst manoeuvring it to the truck. Secure the tube with a ratchet strap.</p> 		
<p>3. When the roller has been moved into a position behind the truck loading ramp, then fit the 'Roller skate' (Part No. OPH-10-DIO) to the other end of the roller.</p>		



Altrad Belle Roller Striker Loading / Unloading System – Operation Guide



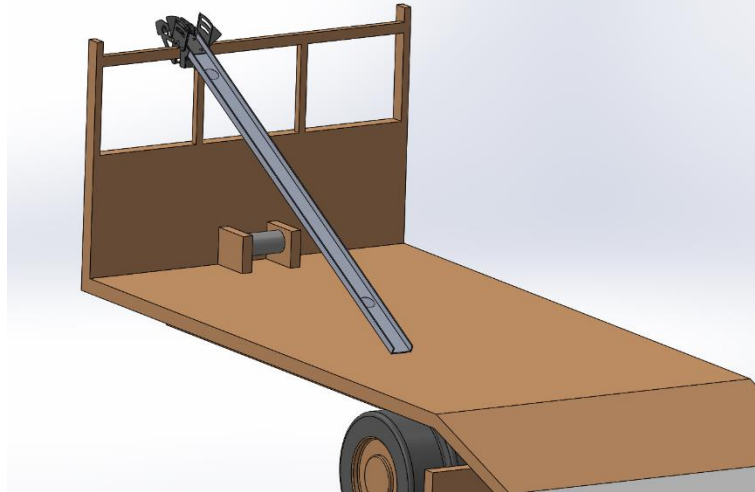
4. Secure the skate with the locking pin (Part No. 129.2.000). (No tools required)



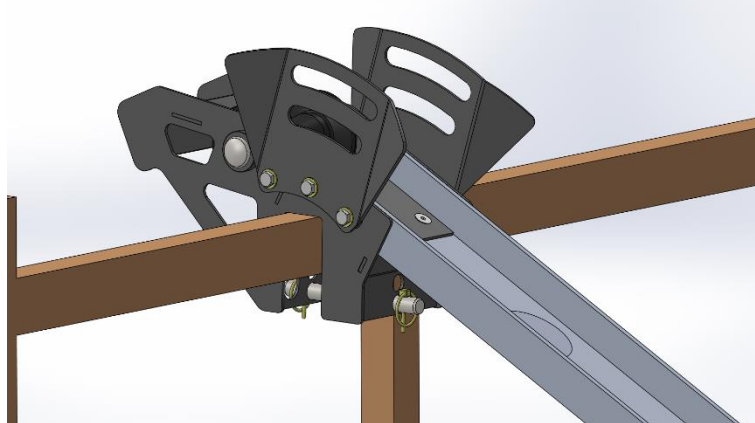


Altrad Belle Roller Striker Loading / Unloading System – Operation Guide

5. Fit the light weight Roller striker ramp (Part No. OPH-09-DIO) to the truck bed head board.



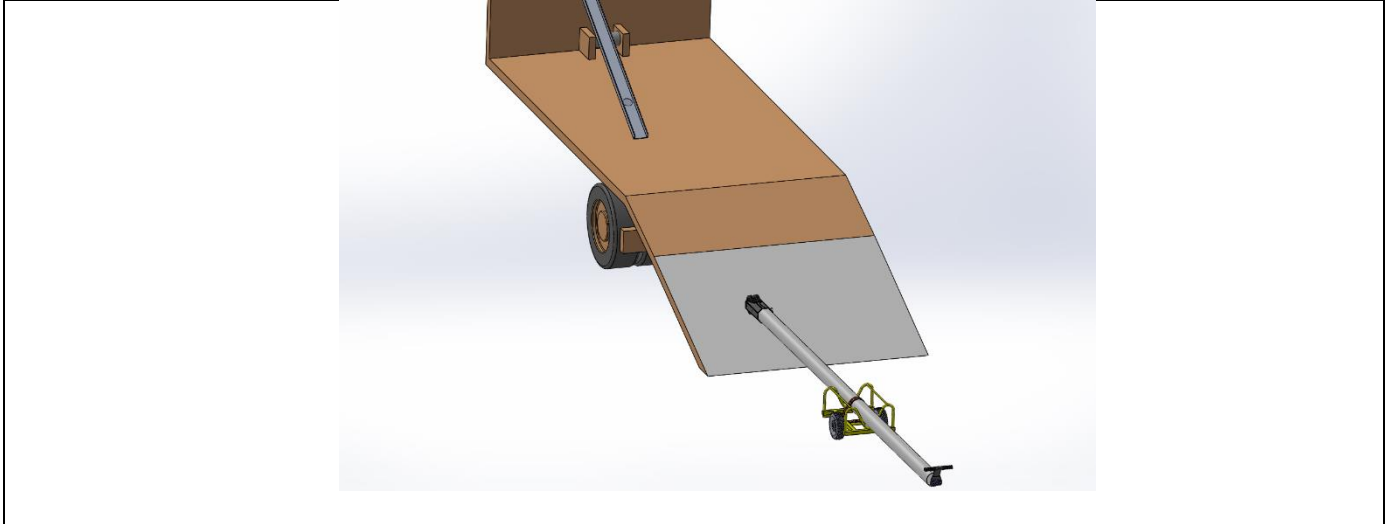
6. Secure it with the retaining pin (Part No. 129-99005) and locking pins (Part No. 3-1018) – no tools required



7. Move the roller using the handle and skate, to a position just on the truck tail ramp and in-line with the Roller striker ramp.

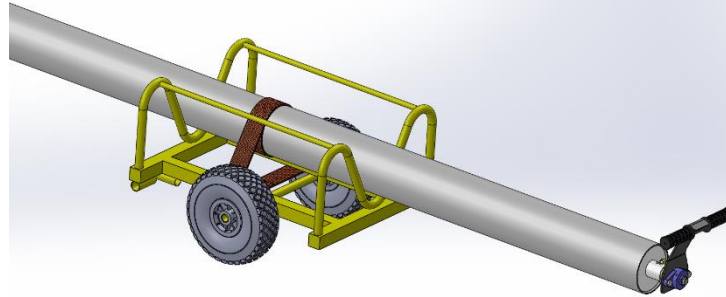


Altrad Belle Roller Striker Loading / Unloading System – Operation Guide

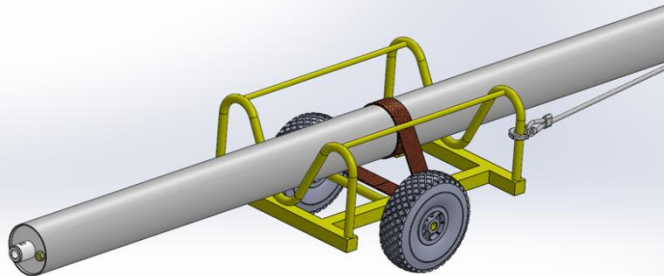


Altrad Belle Roller Striker Loading / Unloading System – Operation Guide

8. Once in position reposition the pipe trolley on the roller tube at about 1m from the end. Secure it with the ratchet strap.



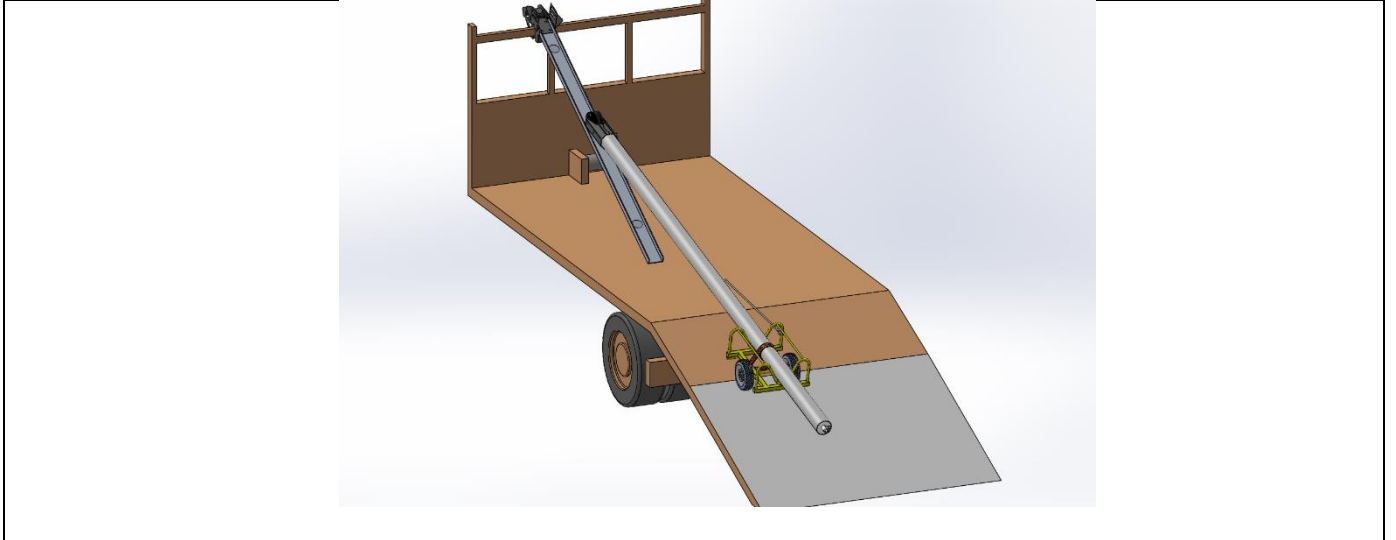
9. Re-check the alignment of the roller and connect the truck mounted winch to the pipe trolley. At this point the carry handle may be removed to reduce risk of damage to handle.



10. Guide the Roller skate into the Ramp channel. If two workers are available the handle may be utilised.



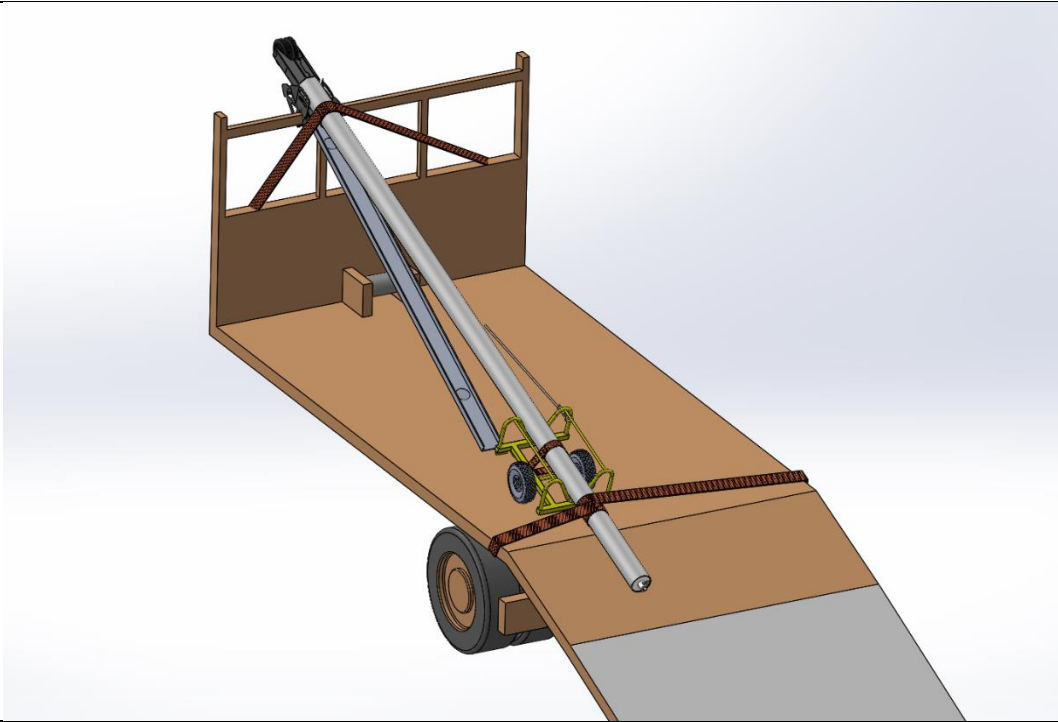
Altrad Belle Roller Striker Loading / Unloading System – Operation Guide



Altrad Belle Roller Striker Loading / Unloading System – Operation Guide

11. Once the roller has reached its final position on the ramp it can then be fixed down using the usual method i.e. ratchet straps.

NOTE: ENSURE RATCHET STRAPS ARE IN SUCH A POSITION NOT TO BEND THE ROLLER



12. Off loading would be carried out by reversing the procedure and lowering the roller down the ramp in a controlled manor using the truck winch and trolley.



Altrad Belle Roller Striker Loading / Unloading System – Operation Guide

