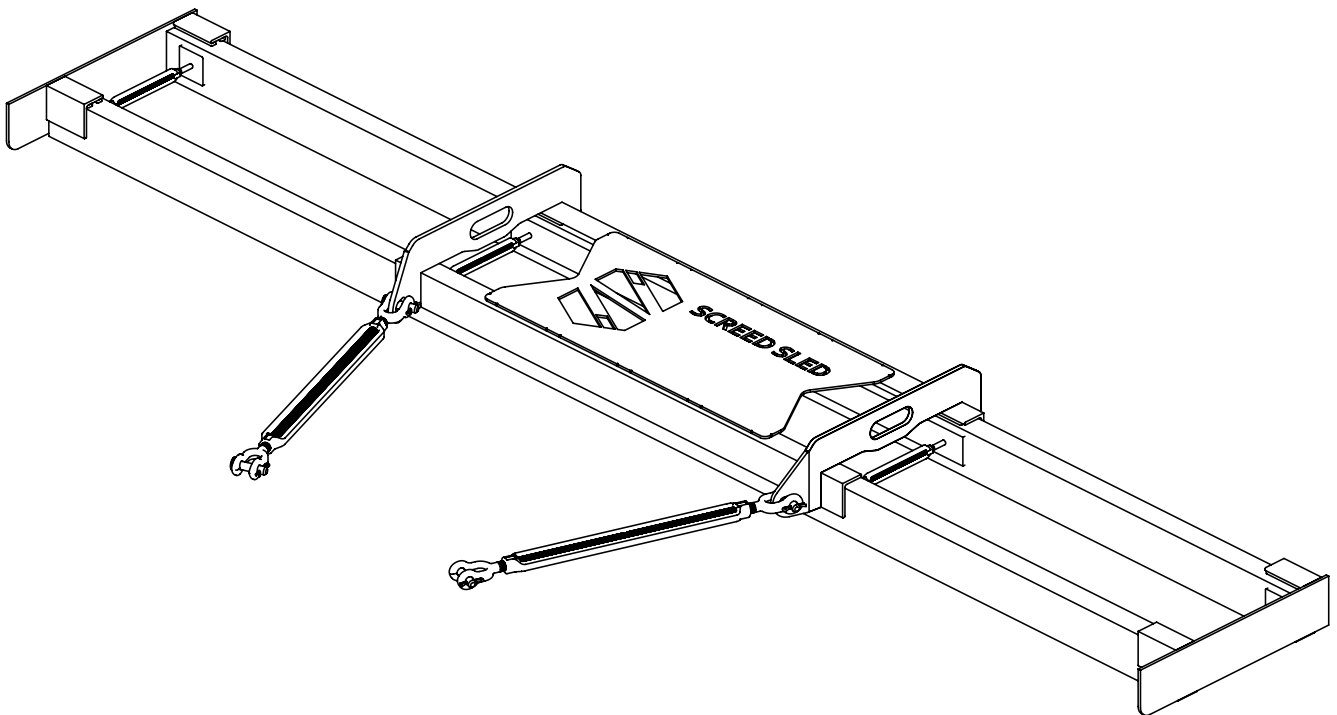




Screed Sled
A better way to bump cut

UPLANDER

USER'S MANUAL



Important Safety Information

Safety is a top priority when operating this equipment. Please read and understand this safety information thoroughly before using the machine. Failure to follow these safety guidelines can result in serious injury or equipment damage. If you have any questions or concerns about safety, contact your supervisor or the manufacturer.

General Safety Precautions:

1. **Read the Entire Manual:** Always read and understand the entire operator's manual before operating this equipment. Be aware of all safety instructions, warnings, and precautions.
2. **Authorized Operators Only:** Only trained and authorized personnel should operate this equipment. Do not allow untrained individuals or children to operate the machine.
3. **Personal Protective Equipment (PPE):** Always wear the appropriate personal protective equipment, including but not limited to safety glasses, hearing protection, gloves, and steel-toed boots when operating the equipment.
4. **Inspect the Equipment:** Before each use, thoroughly inspect the equipment for any signs of damage, loose parts, or wear. If any issues are found, do not operate the equipment until necessary repairs are made.
5. **Safe Work Environment:** Ensure that the work area is well-lit, dry, and free from hazards. Remove any obstacles or debris that may interfere with safe operation.

Safety Rules and Signal Word Definitions:

Throughout this manual and on machine decals, you will find the signal words DANGER, WARNING, and CAUTION followed by special instructions. These precautions are intended for the personal safety of you and those working with you.

⚠ DANGER DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury. The color associated with DANGER on the machine decals is RED.

⚠ WARNING WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury. The color associated with WARNING on the machine decals is ORANGE.

⚠ CAUTION CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. The color associated with CAUTION on the machine decals is YELLOW.

FAILURE TO FOLLOW DANGER, WARNING, AND CAUTION MESSAGES COULD RESULT IN DEATH OR SERIOUS INJURY.

Screed Sled cannot anticipate every possible circumstance that might involve a potential hazard. The warnings in this publication and on the product are, therefore, not all inclusive. You must not use this product in any manner different from that considered by this manual without first satisfying yourself that you have considered all safety rules and precautions applicable to the operation of the product in the location of use, including site-specific rules and precautions applicable to the worksite. If a tool, procedure, work method or operating technique that is not specifically recommended by Screed Sled is used, you must satisfy yourself that it is safe for you and for others. You should also ensure that you are authorized to perform this work, and that the product will not be damaged or become unsafe by the operation, lubrication, maintenance or repair procedures that you intend to use.

The information, specifications, and illustrations in this publication are on the basis of information that was available at the time that the publication was written. The specifications, torques, pressures, measurements, adjustments, illustrations, and other items can change at any time. These changes can affect the service that is given to the product. Obtain the complete and most current information before you start any job. Screed Sled has the most current information available.

Screed Sled LLC produces the Uplander implement for the purpose of bump cutting concrete as described in this operators manual. While every effort has been made to ensure the safety and proper functioning of this equipment, Screed Sled LLC is not responsible for any damages that may occur to other equipment during the use of this implement. The operation of this equipment involves inherent risks, and it is the responsibility of the operator to exercise due diligence, caution, and skill when handling vehicles and/or other pulling equipment. Screed Sled LLC disclaims any liability for any damage to concrete, equipment, vehicles, or any other forms of damage that may occur during operation. In the event of an accident or unintended damage, the operator is responsible for taking appropriate action to prevent further damage or injury. Seek immediate professional assistance when necessary. This disclaimer applies to all users and operators of the Screed Sled Uplander, and by using this equipment, you acknowledge and accept this disclaimer of responsibility.

Table of Contents

General Information 4

Safety 5

Assembly & Operation 6

Maintenance & Parts 7

Warranty 8

Declaration of Conformity 9

General Information:

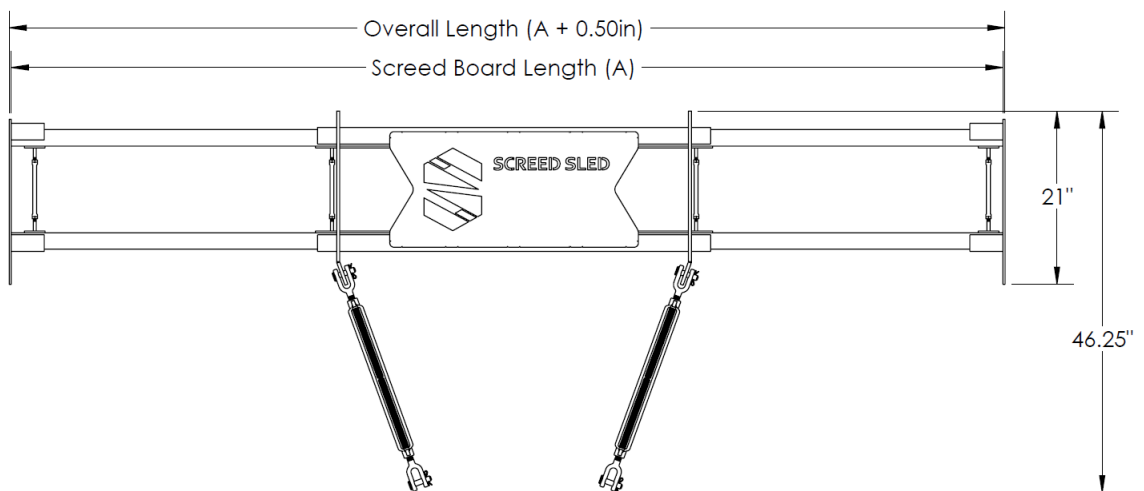
Description

The Screed Sled Uplander is a concrete construction implement designed to be pulled behind a ride-on power trowel for the purpose of bump cutting concrete slabs. It consists of a main frame and end caps which allow for standard screed boards/beams to be utilized.

Compatible Equipment

Pulling machine: must be used with pan-style ride on trowel only. **Recommended: 8-10ft hydro machines.**

Accommodates straightedges 8-12ft in length, 1-2in wide. **Recommended straightedge: 2in x 4in x 10ft**



Uplander Specifications			
Overall Length	Screed board + 0.50in (Min 96.50in)	Overall Width	21 in
Weight	135 lb (Not including screed boards)		

Safety Rules

Read entire section prior to use.

It is the responsibility of the operator using this equipment to be acquainted with the safe operation. In addition to reading this manual, it is important that the operator read the skid steer's operation manual and follow its manufacturer's recommendations.

Operating Safety

Before lifting, lowering or tilting the attachment, make sure the area is clear of bystanders or objects.

Machinery parts sometimes have sharp edges. Wear work gloves when moving parts. Always use caution around attachment parts as they often are very sharp.

Never use drugs or alcoholic drinks when operating or servicing this piece of equipment.

Always wear the proper personal protection equipment when servicing or operating this piece of equipment. Never service or operate this attachment with bare feet, sandals, or other light footwear.

Always use eye protection during operation.

Operate this implement at a safe working speed. When transporting the implement, keep a safe speed to avoid losing control of the attachment or prime mover.

Keep proper clearance between the implement and objects (utilities, tree stumps, large rocks, buildings, etc.). Contacting these objects with the implement or prime mover could cause a loss of control or damage to the implement or property.

Operating Safety

Before each operation of this implement, check all hardware (bolts, nuts, pins, etc.) for their proper location and tightness.

Stop the engine on the power trowel to avoid the implement moving forward or backwards while you dismount the machine.

Allow no riders on this attachment. Keep all bystanders clear of attachment during operation.

Always replace worn, torn or missing safety decals before operating.

Never operate the implement when bystanders are within 10 feet (3 m) of the work area.

Operate only during daylight or with well-lit artificial light.

DANGER

Use extreme caution when working around low hanging electrical lines. Do not raise the implement in an area where there are low electrical lines, contact will result in Death or Serious Injury.

WARNING

Never operate the implement when bystanders are within 10' (3 m) of your work area. Before moving the implement or machine, always make sure the area is clear of bystanders.

Initial Assembly

Note: assembly requires screed boards (sold separately). Reference parts drawing (pg. 7) for assembled view.

1. Lay screed boards on a flat surface in the upright position.
2. Position end caps onto screed boards, insert end cap tension assembly between screed boards at each end. Adjust tension assemblies to snug fit (screed boards should still be able to shift slightly).
3. Insert main frame tension assembly between screed boards near the center.
4. Set main frame onto screed boards over main frame tension assembly.
5. Locate main frame at center of screed boards. Measure from the edge of the main frame to the end of the screed board on one side, then verify that measurement of the opposite side results in the same value.
6. Once it has been verified that both screed boards are centered, fully tighten all tension assemblies such that no movement of the end caps, main frame, or screed boards is possible.
7. Attach turnbuckles to main frame pulling eyes using the turnbuckle clevis pins.

Pre-Operation Checklist

Prior to each use the following tasks should be performed:

1. Look for loose bolts and tighten them if necessary.
2. Inspect all components for damage and warping. Repair or replace components if necessary.
3. Check that all safety decals are in place and can be read. Replace them if necessary.

Working Operations

1. Ensure that engine of pulling machine is not running.
2. Position Screed Sled so that it is centered behind the pulling machine.
3. Connect Screed Sled to the pulling machine by attaching the turn buckle clevises onto the outside ring of the machine. Keep connecting points as low as possible to ensure implement pulls evenly. ENSURE THAT RETAINING PINS ARE ENGAGED.
4. Start up pulling machine and begin bump cutting.

Tips for Successful Operation

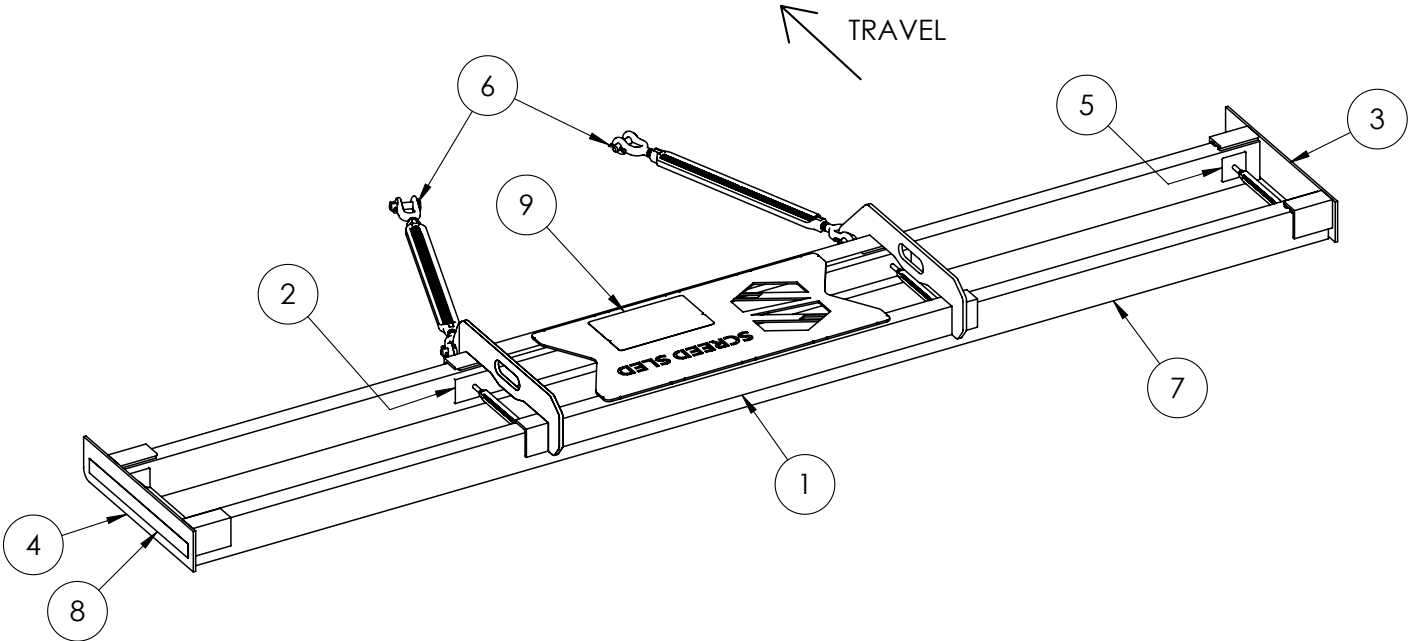
Hitch assembly is meant to be universal and connects to pan machine via a snap link/clevis or the open jaw of the turnbuckle. You may want to fabricate and install a permanent connection point on pan machines that will be dedicated to Screed Sled usage.

As with any bump cutting operation, aggregate shadowing and coarse aggregate exposed at the surface is possible. Adjustments to concrete mix design and contractor's "means and methods" may be required.

Maintenance

Clean and apply oil daily. Grease all threads.
 Rotate straightedges as cutting edge wears.
 Check straightedges for straightness regularly.

Parts Diagram



Item	Description	Qty	Item	Description	Qty
1	Main Frame	1	6	Turnbuckle	2
2	Main Frame Tension Assy	1	7	Screed Board (not included)	2
3	RH End Cap	1	8	Safety Decal - Reflective Tape	2
4	LH End Cap	1	9	Safety Decal - Main Frame	1
5	End Cap Tension Assy	2			



Limited Warranty

Screed Sled LLC products are warranted to be free from defects in workmanship or materials for a period of (12) months from date of initial sale.

This warranty does not cover maintenance, service, or adjustments. This warranty does not cover damage due to misuse, negligence, accidents, or improper maintenance. This warranty does not cover damage due to improper application, installation, contamination, adjustment, or setup. This warranty does not cover improper modifications of the product. This warranty is void if any components have been disassembled.

Screed Sled LLC reserves the right to make improvements in design or changes in specifications at any time without incurring any obligations to owners of previously purchased units.



DECLARATION OF CONFORMITY



Manufacturer: **Screed Sled**
2260 205th St
Fort Scott, KS 66701
USA

Product: Screed Sled

Model: Uplander

We hereby declare that the machinery described above is in conformity with the applicable requirements of the following designated standards:

Supply of Machinery (Safety) Regulations 2008

EN ISO 12100:2010 Safety of machinery – General principles for design – Risk assessment and risk reduction

Additional information:

Technical documentation for this product is available from the manufacturer at the address listed above.

Signed for and on behalf of: Screed Sled
Place of issue: Moorhead, MN
Date of issue: December 19, 2024
Name: Matt Modrow
Function: Director of Manufacturing

Signature: _____