



Spreader-Bar



Spreader-Bar Shown with Z-Bars and Adjustable Collars

Operator's Manual

Inventory ID: SB-73525

Revision: B

DOC-0023

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Scope of Manual:

This manual contains procedures for safety, general unpacking, set-up, and operation of your DEMTECH Services, Inc. Spreader-Bar.

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The material in the manual is for informational purposes only and is subject to change without notice.

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Manual Number: **SB-OPERATORS MANUAL, Revision: B**

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1 Safety Precautions

Safety precautions for operating personnel and equipment:

WARNING 1: Operating personnel should perform only the procedures described and recommended in this manual. This manual covers procedures pertaining to the use of the Spreader-Bar.

WARNING 2: To avoid serious bodily injury, when operating, always ensure all personnel are clear from the Spreader-Bar while lifting or carrying a roll of material.

WARNING 3: The Spreader-Bar has been designed, tested, and certified by a third party testing lab to lift rolls up to 5,500 lbs. Only qualified fork-lift operators shall maneuver these rolls with the Spreader-Bar.

WARNING 4: While maneuvering the un-loaded Spreader-Bar around job sites, a speed of 15 mph (24 km/h) should not be exceeded. While loaded, a speed of 5 mph (8 km/h) shall not be exceeded, failure to do so may cause injury to the operator and/or damage the Spreader-Bar.

WARNING 5: Ensure both spools are fully inserted in the material roll ends prior to lifting, failure to do so may cause injury to the operator and/or damage the Spreader-Bar.

WARNING 6: Prior to operation, ensure both lift cables are properly fastened to both the Spreader-Bars and Spools, failure to do so may cause injury to the user and/or damage the Spreader-Bar.

CAUTION 1: Observe the precautions given on the equipment and within this manual to prevent damage to the equipment.

CAUTION 2: Unauthorized personnel should not remove the panels or covers from the equipment that are provided for protection and/or require a tool to remove.

CAUTION 3: Using a damaged Spreader-Bar may cause injury to the user, if you believe your Spreader-Bar is damaged contact DEMTECH Services, Inc.

2 General Safety & Maintenance Information

The DEMTECH Services, Inc. Spreader-Bar, is a high-strength tool designed to carry and deploy heavy rolls of liner around job sites. Always ensure a qualified forklift operator is maneuvering the Spreader-Bar. At all times while operating the Spreader-Bar keep hands, fingers, and other body parts well clear of both the Spreader-Bar and material roll.

2.1 *Intended Use*

Spreader-Bar is intended as professional use equipment and is not intended for sale to the general public.

The technician assigned to operate this Spreader-Bar must read through and become familiar with this manual, particularly all safety information, before operating. Ensure all personnel maneuvering the Spreader-Bar are qualified forklift operators.

The Spreader-Bar has been manufactured utilizing the latest technology and current safety standards and regulations. However, improper use or abuse may lead to hazardous conditions for the user or other personnel or cause damage to the Spreader-Bar.

Always keep this manual with the Spreader-Bar at or near the location where it is being used so that it can be referred to quickly and easily.

Intended use: The DEMTECH Services, Inc. Spreader-Bar is a very useful tool for ease, reliability and safety when moving and deploying rolls of material that measure up to 24ft wide.

No changes and/or modifications shall be made to the Spreader-Bar especially as it relates to safety.

2.2 *Maintenance*

Maintenance, inspection and adjustment of the Spreader-Bar shall only be carried out by qualified personnel. Before removing or installing spare parts or performing other repair operations to the lifting device, consult DEMTECH Services, Inc. or your authorized DEMTECH Services, Inc. service center for advice on proper procedures. This will help insure a safe and successful outcome. Always make sure all screw connections are tight before attempting to operate the Spreader-Bar after maintenance and/or repair procedures. Also make sure all covers, guards, and other safety devices have been fully reinstalled before use. Check and ensure the Spindles are properly greased utilizing the Zerk fittings installed on the equipment.

3 General Product Data

The DEMTECH Services, Inc. Spreader-Bar is a heavy duty lifting device. The Spreader-Bar can handle a max load of 5,500lbs and hold and deploy material rolls from 12ft to 24ft wide. The Spreader-Bar has two lifting points; one using fork tubes and the other using shackles on the spine, letting the Spreader-Bar hang from cables. DEMTECH Services, Inc. sells two different types of spindles for the Spreader-Bar identified as Missiles or Z-Bars. DEMTECH Services, Inc. strives to make our systems easy to use and built to last.

4 Site Preparation

Before proceeding with the unpacking and installation instructions in the following section(s) make sure the work site is prepared and ready to use the Spreader-Bar. The Spreader-Bar should only be used on sites that are free of debris, failure to do so could cause injury to the user and/or damage the Spreader-Bar.

Carefully follow the detailed unpacking and installation instructions provided in this manual.

5 Unpacking & Installation Instructions

This section contains instructions for the unpacking, placement, and installation of the Spreader-Bar. Carefully review the following information, sub-sections, and each procedure before beginning unpacking and installation of the system.

The Spreader-Bar comes complete packaged using steel tie down bands on a 145" x 36" custom wood pallet. Ensure all packaging is removed from the Spreader-Bar prior to use.

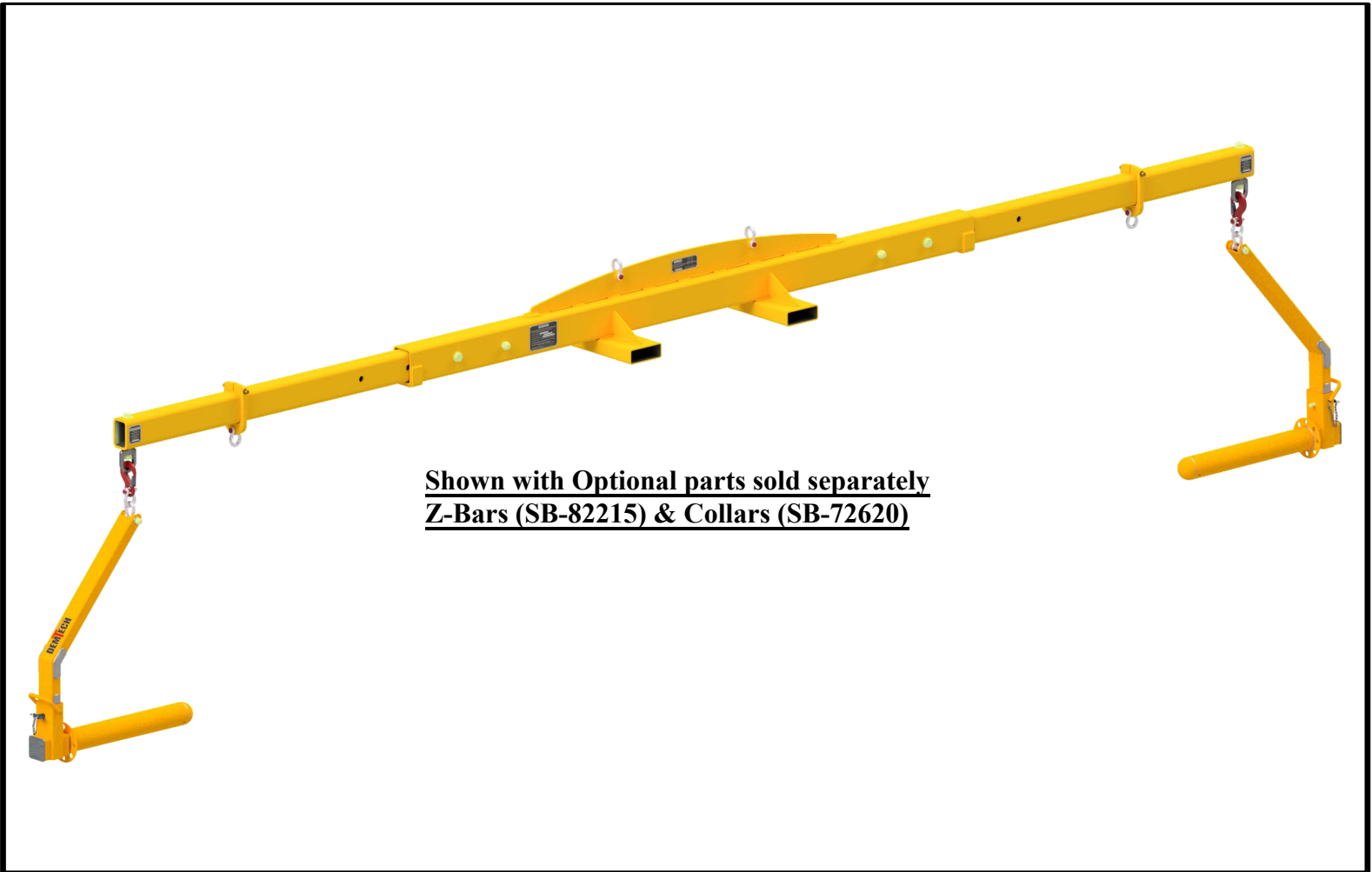
Note: The system illustrated in this manual shows OPTIONAL available features for the Spreader-Bar, therefore, your system may vary slightly in appearance from that depicted.

5.1 Unpacking and Preparation

- a. Before unpacking the Spreader-Bar system, inspect the pallet and all the tie down bands thoroughly for any signs of mishandling or damage during shipping. Report any damage to the shipping carrier immediately and do not proceed with unpacking. Since the shipment is made FOB factory, you should consult your administration concerning claims for shipping damage. Please notify DEMTECH Services, Inc. immediately in writing of any shipping damage.

5.2 Operation and Features

- a. The Spreader-Bar provides the user with an easy-to-use simple system of lifting, moving and deploying material weighing up to 5,500lbs with a max width of 24ft. There are two ways of lifting DEMTECH Services, Inc. Spreader-Bar and both are load tested and rated at 5,500lbs. Using the two lifting points attach either your Missiles or Z-Bar then fully insert each end in the roll.
- b. Once the Spreader-Bar is loaded and ready to deploy material, check surroundings for obstacles and make sure all personnel are a safe distance away. Once a "Clear" has been given, lift the Spreader-Bar so the material is hanging no more than four feet from the ground and start deploying.



Shown with Optional parts sold separately
Z-Bars (SB-82215) & Collars (SB-72620)

Figure 5.1

6 Factory Servicing

In the event your Spreader-Bar should require factory service, the entire lifting equipment needs to be returned to the factory. Refer to the following step for preparing the Spreader-Bar for return. Unless previous arrangements are made, shipping charges and insurance are the responsibility of the customer. Next step is to load and strap all parts onto the provided shipping pallet or equivalent. Then contact DEMTECH Services, Inc. for shipping instructions. Due to the Spreader-Bar being load tested from factory, DEMTECH Services, Inc. needs all parts and serial plates associated with the Spreader-Bar returned. Ship the packaged Spreader-Bar to DEMTECH Services, Inc. at:

DemTech Services, Inc.
Ship to address: 6414 Capitol Avenue
Diamond Springs, CA 95619
U.S.A.

NOTE: All shipping carriers will refuse to pick up the shipment if it is not securely strapped to the pallet

Warranty

DEMTECH Services, Inc. warrants all equipment of its manufacture to be free from defects in materials, workmanship, mechanical parts, and labor for a period of one year from the date of shipment to the original buyer and ninety days for electrical. This warranty excludes normal wear items such as gears, bearings and chains. The liability under this warranty is limited to replacement parts and labor on equipment when the equipment is returned prepaid to the factory or its authorized service center with prior authorization from DEMTECH Services, Inc., and upon examination by DEMTECH Services, Inc., is determined to be defective. At DEMTECH Services, Inc.'s option, a service representative may be dispatched to the equipment location.

As an additional protection, DEMTECH Services, Inc. warrants that for a period of 90 days from the date of shipment to the original buyer, pending prior authorization from DEMTECH Services, Inc., there will be no charge for service related shipping of parts and/or equipment or for authorized travel of a service representative to the equipment location. After 90 days, all costs incurred for shipping the equipment or parts thereof or for travel are the responsibility of the buyer. Our warranty for this equipment is rendered void if the unit has been repaired, taken apart or modified, or attempted to be, unless such actions have been taken in accordance with written instructions received from DEMTECH Services, Inc. The warranty is also void if the equipment has been subjected to abuse, accident or other abnormal conditions.

IF ANY FAULT DEVELOPS, THE FOLLOWING STEPS SHOULD BE TAKEN:

1. Notify DEMTECH Services, Inc. by calling 1-888-324-9353. Overseas customers should contact the local DEMTECH authorized service center. Please be prepared with the model number, serial number and full details of the difficulty. Upon receipt of this information, service data or shipping instructions will be provided by DEMTECH Services, Inc. Do not return the unit for repair without first contacting the factory or its representative for instructions.
2. After the initial 90 day period, on receipt of shipping instructions, forward the equipment prepaid to the factory or its authorized service center as instructed. If requested, an estimate of the charges will be made before work begins, especially with those cases where the DEMTECH Services, Inc. product is not covered by the warranty.
3. If the original carton and packing are not available, the product should be packed in a container with a strong exterior and surrounded by a protective layer of shock-absorbing material. DEMTECH Services, Inc. advises returning the equipment at full value to the carrier.

DEMTECH Services, Inc. reserves the right to make changes in design at any time without incurring any obligation to install the same changes on units previously purchased.

This warranty states the essence of the obligations or liabilities on the part of DEMTECH Services, Inc. THE FORMAL, COMPLETE AND EXCLUSIVE STATEMENT OF DEMTECH SERVICES, INC.'S WARRANTY IS CONTAINED IN ITS QUOTATIONS, ACKNOWLEDGEMENTS AND INVOICES. DEMTECH Services, Inc. neither assumes, nor authorizes any person to assume for it, any liability in connection with the sale of its equipment other than those set forth herein