

FTJ-10144 FORK-MOUNTED TELESCOPING JIB

PRODUCT MANUAL - VERSION 1.1

Tusk Attachments Inc.

76-27312 Twp Rd 394 | Lacombe County, AB T4M 0R9 | Ph: (403) 505-1893 | www.tuskattachments.com



1.0 INTENT OF THE MANUAL

This manual is intended to give direction to operators and service personnel to improve productivity and safety during operations related to this product.

This product is used with heavy-duty equipment. Misuse of the equipment can result in property damage, injury, and/or death. This manual makes every attempt to isolate or remove these risks with recommended operating procedures for normal conditions and should be carried out with proper, competent personnel. Should further information be required, or concerns about the content provided in this manual arise, contact TUSK Attachments at 1(403)505-1893.

TUSK does not undertake to meet the duties of employers concerning health and safety risks and precautions. Safety precautions outlined in this manual are given on a recommendation level only. Therefore, the use of the precautions outlined in this manual is left to the discretion of the employer.

The instructions in this manual do not purport to cover all details or variations in the equipment. Implementation of procedures necessary to operate this equipment safely that are not outlined in this manual are left to the duty of the employer; safe operation is ultimately in the hands of the employer.

MANUFACTURING LIMITED WARRANTY AND LIABILITY

CARE INDUSTRIES LTD. hereinafter referred to as "Company" shall offer a warranty in accordance with the terms noted herein. TUSK ATTACHMENTS INC. does not offer any further warranty or liability beyond the Manufacturer's Warranty and Liability as described herein.

The company, as the manufacturer of the FTJ-10144 (hereinafter referred to as the "FTJ") hereby warrants to **TUSK ATTACHMENTS INC. ("Tusk")** and any purchaser ("**Buyer**") of the FTJ from Tusk that when properly assembled, used, and maintained, the FTJ shall be free from defects in materials and workmanship. Company's obligation under this warranty shall be limited to either repair or replacement of defective parts or workmanship of the FTJ including the requisite labor to be supplied at Company's option, if Company is notified within twelve (12) months from the date of delivery or shipment of the FTJ, whichever occurs first.

Tusk or Buyer shall give written notice to Company of any defect or failure within the aforesaid twelve (12) month period. Company's representative shall inspect the defect so soon as reasonably possible to confirm defect in materials or workmanship.

Company's obligation to make repairs or replacements under this warranty shall not apply to repairs required or necessitated in whole or in part by fault of other persons or by any misuse of the FTJ.

Company will not assume any responsibility or liability if any repairs, service, or rebuilding done to the FTJ was performed by persons other than Company's authorized representatives and such unauthorized work shall void any and all warranties. If the FTJ is altered or repaired by Buyer without the prior written approval of Company, the warranties herein shall be void.

A new warranty period shall not be established for repaired or replaced parts of the FTJ.

UNDER NO CIRCUMSTANCE SHALL COMPANY BE LIABLE FOR ANY PUNITIVE, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES OR LOSSES INCLUDING, BUT NOT LIMITED TO, LOSS OF ANTICIPATED PROFITS, LOSS OF USE OF EQUIPMENT OR OF ANY INSTALLATION SYSTEM OR FACILITY WHERE COMPANY'S FTJ MAY BE LOCATED.

ALL WARRANTIES (EXCEPT AS TO TITLE), EXCEPT AS HEREIN SPECIFICALLY PROVIDED, WHETHER ORAL, WRITTEN, EXPRESS, IMPLIED, OR STATUTORY INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY ARE HEREBY EXPRESSLY DISCLAIMED. COMPANY'S WARRANTY OBLIGATIONS AND BUYER'S REMEDIES HEREUNDER ARE SOLELY AND EXCLUSIVELY AS STATED HEREIN.

NOTWITHSTANDING ANYTHING CONTAINED HEREIN TO THE CONTRARY, OR IN ANY OTHER DOCUMENT WHICH FORMS PART OF THE AGREEMENT TO SELL AND PURCHASE THE EQUIPMENT, COMPANY SHALL NOT BE LIABLE FOR, AND TUSK OR BUYER, AS THE CASE MAY BE, AGREES TO RELEASE, DEFEND, AND INDEMNIFY COMPANY AND THE OFFICERS, DIRECTORS, AND EMPLOYEES OF COMPANY FROM AND AGAINST ALL CLAIMS, DEMANDS, CAUSES OF ACTION, LIABILITIES, DAMAGES, JUDGMENTS, AWARDS, LOSSES, COSTS AND EXPENSES OF ANY KIND OR CHARACTER, ARISING OUT OF THE USE BY TUSK OR BUYER, AS THE CASE MAY BE, OR ANY OTHER PERSON OR ENTITY, OF THE FTJ, REGARDLESS OF THE NEGLIGENCE, STRICT LIABILITY, PRODUCT LIABILITY, BREACH OF WARRANTY OR ANY OTHER LEGAL FAULT OR RESPONSIBILITY OF COMPANY OR ANY OTHER PERSON OR PARTY.

TABLE OF CONTENTS

- 1.0 INTENT OF THE MANUAL..... 1
- MANUFACTURING LIMITED WARRANTY AND LIABILITY 2
- TABLE OF CONTENTS..... 3
- 2.0 PRODUCT SPECIFICATIONS 4
 - 2.1 Introduction 4
 - 2.2 Equipment Illustration..... 4
 - 2.3 Components..... 4
 - 2.4 Installation 5
 - 2.5 Lift Capacity..... 5
 - 2.6 Host Machine Lift Capacity..... 5
 - 2.7 Engineer Certification 6
- 3.0 SAFETY..... 6
 - 3.1 General Safety..... 6
 - 3.2 Warning Labels 7
- 4.0 OPERATION..... 8
 - 4.1 General operation 8
 - 4.2 Inspection..... 8
- 5.0 MAINTENANCE..... 9
 - 5.1 NDE 9
 - 5.2 Repairs..... 9
- 6.0 ABOUT TUSK ATTACHMENTS..... 10

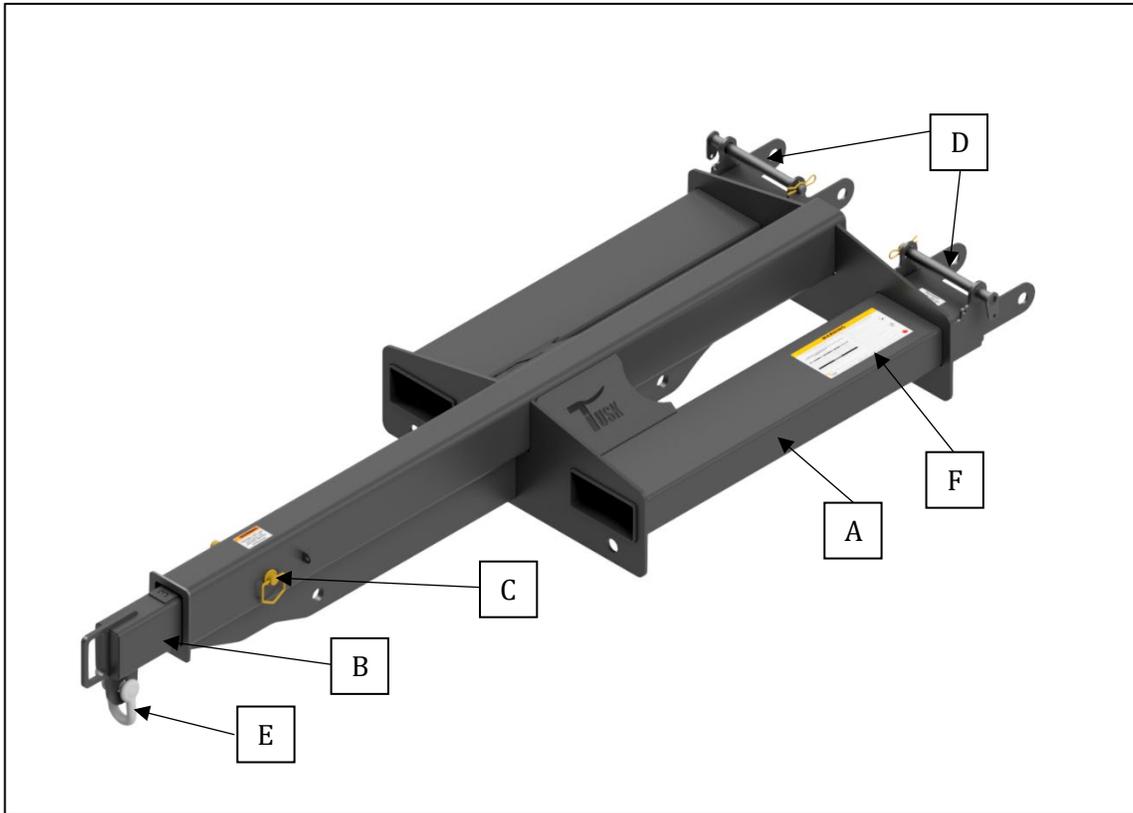
2.0 PRODUCT SPECIFICATIONS

2.1 Introduction

The FTJ-10144 fork-mounted telescoping FTJ (FTJ), is a versatile fork attachment designed and manufactured by TUSK ATTACHMENTS INC. The FTJ is intended to add additional utility and reach to equipment with forks.

BEFORE THIS ATTACHMENT IS USED, USER MUST READ AND UNDERSTAND THIS OPERATIONS MANUAL.

2.2 Equipment Illustration



2.3 Components

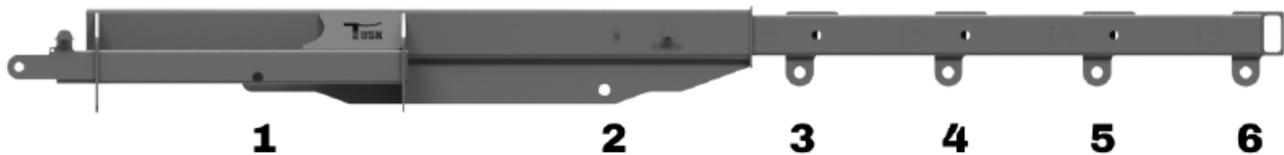
<p>A. Main frame (1)</p> 	<p>B. Telescoping tube (1)</p> 	<p>C. Telescoping tube pin (1) PN:FTJ-10144-PART-TTP</p> 
<p>D. Fork pins (2) PN:FTJ-10144-PART-FP</p> 	<p>E. Lifting Shackle (1) PN:FTJ-10144-PART-LS</p> 	<p>F. Load chart/warning label (1) PN:FTJ-10144-PART-LCWL</p> 

2.4 Installation

- A. Visually inspect for any damage to the FTJ prior to use, do not use a damaged attachment
- B. Set the fork width of the machine to match the width of the FTJ pockets
- C. Align the forks of the machine with the fork pockets on the FTJ
- D. Proceed forward until the shank of the fork's rests on the back of the fork pockets of the FTJ
- E. Keep the forks level and raise the FTJ up to an accessible level
- F. Install pins on the back side of the forks and ensure the pins are secured in place
- G. Check fork pins and telescoping tube pins
- H. Review the load chart prior to operating the attachment

2.5 Lift Capacity

FTJ – 10144 LIFT CAPACITY



Position	Length	SWL	Center of Gravity
1	24.125"	10000 lbs	38.392"
2	66.375"	10000 lbs	38.392"
3	90"	10000 lbs	38.392"
4	108"	7000 lbs	41.838"
5	126"	5000 lbs	45.284"
6	144"	3000 lbs	48.730"
Empty Weight: 475 lbs			

2.6 Host Machine Lift Capacity

The lift capacities listed are for the lifting device only. The lifting capacities of the host machine determine the actual lifting capacity. NEVER lift more than the lifting capacity of the lifting device or the lifting capacity of the host machine, whichever is less.

When attaching an extension to a forklift, it is imperative that the equipment's down-rated load capacity be verified with the equipment manufacturer. We do not guarantee our load charts reflect the actual load capacity of the forklift/attachment combination.

2.7 Engineer Certification

MAX EXTENSION (12') 3000lb CAPACITY

MIN EXTENSION (7.5') 10 000lb CAPACITY

WARNING

TO AVOID SERIOUS INJURY, DEATH, OR DAMAGE TO PROPERTY AND EQUIPMENT!

FTJ - 10144 LIFT CAPACITY

Position	Length	SWL	Center of Gravity
1	24.125"	10000 lbs	38.392"
2	66.375"	10000 lbs	38.392"
3	90"	10000 lbs	38.392"
4	108"	7000 lbs	41.838"
5	126"	5000 lbs	45.284"
6	144"	3000 lbs	48.730"

Empty Weight: 475 lbs

The lift capacities listed are for the lifting device (JIB) only. The lifting capacities of the host machine determine the actual lifting capacity. NEVER lift more than the lifting capacity of the lifting device (JIB) or the lifting capacity of the host machine, whichever is less. Please read and understand the operations manual of the lifting device and host machine before using it.

FTJ - 10144

MAXIMUM LIFT CAPACITY: 10 000lbs
 MINIMUM LIFT CAPACITY(MAX EXTENSION): 3000lbs

NEVER EXCEED THE CAPACITY OF THE HOST MACHINE

The FTJ-10144 is the property of Tusk Attachments Inc. and is not to be reproduced or modified by third parties

CARE INDUSTRIES LTD.
APEGA PERMIT NUMBER
P 14843

Daniel Murphy P.Eng. 368
2022-07-20

DESIGN: TAW	DATE: 2022-04-13
DESIGNED BY:	APPROVED BY:
MAN: BDR	DATE: 18
SCALE: 1:1	DATE: 18

CAPACITY OVERVIEW

0A-FTJ-10144

3.0 SAFETY

3.1 General Safety

To operate TUSK products safely, standard PPE such as hard hats, safety glasses, hearing protection, safety gloves and steel toe boots should be always used. Under no circumstance should equipment or attachment transport personnel while not in the operator’s seat. During operation never allow personnel under a suspended load, all personnel must also be clear of and aware of load swing paths. Watch for pinch and crush points, on the machine/attachment or the combination of the machine and attachment. Never operate equipment or attachments while under the influence of alcohol or drugs.

3.2 Warning Labels

WARNING

TO AVOID SERIOUS INJURY, DEATH, OR DAMAGE TO PROPERTY OR EQUIPMENT!

FTJ – 10144 LIFT CAPACITY

Position	Length	SWL	Center of Gravity
1	24.125"	10000 lbs	38.392"
2	66.375"	10000 lbs	38.392"
3	90"	10000 lbs	38.392"
4	108"	7000 lbs	41.838"
5	126"	5000 lbs	45.284"
6	144"	3000 lbs	48.730"
Empty Weight: 475 lbs			

The lift capacities listed are for the lifting device (JIB) only. The lifting capacities of the host machine determine the actual lifting capacity. NEVER lift more than the lifting capacity of the lifting device (JIB) or the lifting capacity of the host machine, whichever is less. Please read and understand the operations manuals of the lifting device and host machine before using it.

1. NEVER exceed the rated load capacity of the machine or the attachment, whichever is lower
2. NEVER shock load attachment
3. DO NOT operate on soft, unlevel ground
4. DO NOT travel with attachment elevated above the machine's center of gravity
5. DO NOT travel at high speeds while operating the attachment
6. DO NOT allow personnel under a suspended load
7. ENSURE personnel are clear of potential swing paths of load, use tag lines if required
8. ENSURE that forks are level during operation, NEVER allow the load to be carried by the fork pins
9. ENSURE all pins are in place and secure before operating
10. ENSURE operator understands, all local, provincial/state, and federal regulations regarding the safe operation of equipment
11. ENSURE load charts of the machine are clearly understood
12. ENSURE attachment is only used by trained and competent personnel
13. ALWAYS operate the machine from the operator's seat with the seat belt securely fastened
14. ALWAYS stay clear of all crush and pinch hazards
15. ALWAYS fully inspect the attachment for damage, wear, and deformation before operation; DO NOT use the attachment if it is damaged

CONSULT THE OPERATIONS MANUAL PRIOR TO USE, PLEASE VISIT OUR WEBSITE FOR AN UPDATED OPERATIONS MANUAL

TUSK ATTACHMENTS INC. [WWW.TUSKATTACHMENTS.COM](http://www.tuskattachments.com) MANUFACTURED IN CANADA

WARNING

TO AVOID SERIOUS INJURY, DEATH, OR DAMAGE TO PROPERTY OR EQUIPMENT!

ENSURE PINS ARE ENGAGED AND SECURE BEFORE OPERATING

4.0 OPERATION

4.1 General operation

1. Inspection of the FTJ to be completed prior to each use.
2. Before each use, make sure the FTJ is properly installed, and the shackle is secured to the FTJ.
3. Before each use check the telescoping tube pin to ensure that it is functioning properly and securely positioned.
4. Be sure that the load you are lifting falls within the capabilities of your Forklift and the capacity of the attachment. Never exceed either the capacity of the Forklift or Lift Truck. The capacity of a Forklift is diminished as it raises a load, and Telehandlers experience diminished capacity when they extend their attachments.
5. Ensure that the ground that the machine is lifting on is firm and level
6. Ensure that forks are level during operation, never allow the load to be carried by the fork pins
7. Only operate the machine from the operator's seat with the seat belt securely fastened
8. Ensure operator understands, all local, provincial/state, and federal regulations regarding the safe operation of equipment
9. Do not use the FTJ for any purpose other than lifting loads vertically, do not use the FTJ to push or pull.
10. Ensure all personnel are clear of swing paths of a load, use taglines if required to restrict movement of the load
11. Do not allow personnel under a suspended load
12. Never allow riders on the attachment or equipment
13. Never allow the attachment to be shock loaded

4.2 Inspection

<input type="checkbox"/>	Check fork pins	Fork pins must be installed and pinned in place behind the machine's forks and secured with the retention clips
<input type="checkbox"/>	Check lift Shackle	Shackle must be properly secured and attached to one of the lift points on the FTJ
<input type="checkbox"/>	Deformation	Check lift points for elongation/wear
<input type="checkbox"/>	Welds/cracks	Check for wear, cracks, and broken/damaged welds.
<input type="checkbox"/>	Warning labels	Check that warning labels and load chart are intact and readable
<input type="checkbox"/>	Check telescoping tube pin	Check pin for wear/damage and that it is properly placed and secure

If any of these items fail inspection, notify operations personnel to repair or replace the defective item before operation.

5.0 MAINTENANCE

5.1 NDE

Yearly NDT inspections should be performed on all lifting devices. Please contact Tusk Attachments for acceptance criteria if required. If damage is discovered, please contact the Tusk for instructions and arrangements for repairs.

5.2 Inspections/Repairs

If the attachment is damaged, do not use the attachment until it has been properly repaired. In the case that there is damage to the attachment, please contact the Tusk for instructions and arrangements for repairs.

Damaged pins lift, shackles, and secondary parts such as retention clips should be disposed of and replaced with equivalent parts, please reach out to Tusk Attachments to supply/approve equivalent replacements.

Damaged /cracked welds on the FTJ Main Frame or Telescoping tube, must be repaired prior to putting the FTJ back into service. Please contact Tusk attachments for weld procedures.

Replacement warning labels can be ordered from Tusk Attachments.

6.0 TUSK ATTACHMENTS

6.1 Contact



Thank you for choosing Tusk Attachments, we appreciate your purchase of our Canadian designed and manufactured product. If you require any support with your attachment, please reach out to us.

Email: sales@tuskattachments.com

Phone: (403) 505-1893

Website: <https://www.tuskattachments.com>

OTHER TUSK ATTACHMENTS PRODUCTS

Excavator safety

