



## FORKLIFT BLOCKING KITS

### SAFETY & REFERENCE MANUAL

- ATTENTION: ALL DISTRIBUTORS, INSTALLERS, USERS AND/OR PURCHASERS OF TURTLE PLASTICS FORKLIFT BLOCKING KITS, **PLEASE FOLLOW ALL SAFETY AND WARNING DIRECTIONS AS DESCRIBED BY THE FORKLIFT MANUFACTURER.** PLEASE READ, UNDERSTAND AND SAVE THIS MANUAL. FOLLOW PRODUCT WARNINGS AND INSTRUCTIONS ENCLOSED IN THIS MANUAL.
- **FAILURE TO FOLLOW WARNINGS AND INSTRUCTIONS POSES RISK OF SERIOUS INJURY OR DEATH TO THE USER AS A RESULT OF SLIPS, TRIPS, FALLS, ENTRAPMENT OR ROLLOVER OF EQUIPMENT.**
- Please ensure this manual is distributed to anyone who has been sold these kits/parts, to anyone currently using these products, and prior to anyone using these products.
- Products contained in the Forklift Blocking Kit(s) may have been sold under a different name(s) or part number(s), please check with your distributor or organization. Actual included components are individualized depending on the make and model of your equipment. Please check with your equipment owner's manual to ensure components are appropriate for the make and model of your equipment.



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## FORKLIFT BLOCKING KITS (Kit components vary by your organization's purchase)

Mfg. Part #: FBKIT (formerly IBS Kit-R)  
Forklift Blocking Kit



Mfg. Part #: MBSKIT  
Maintenance Bay Service Kit



Mfg. Part #: BMACKIT  
Block Mast & Carriage Kit – For certain  
Raymond lift trucks.



Mfg. Part #: JABKIT  
Jacking & Blocking Kit – For certain  
Raymond lift trucks

















Mfg. Part #: CR-TURRET-RM1KIT  
(For Crown RM Equipment only)



Mfg. Part #: CR-TURRET-TS2PKIT  
(For Crown TSP Equipment only)



## FORKLIFT KIT COMPONENTS (components vary by kit)

Product Photo						
Mfg. Part #	FSS-4x4x22	FSS-4x4x48	WC2	RZ17-1-10	PB-Y	FSS-Clamps
Material	HDPE Recycled Plastic	HDPE Recycled Plastic	HDPE Recycled Plastic	HDPE Recycled Plastic	Specialty Nylon	Metal and Plastic
Brand/ Product Name	Dura Stat/ Block Mast-True-4"x4"x22"	Dura Stat/ Block Mast-True-4"x4"x48"	Dura Stat/ Double Wheel Chock	Dura Stat/ Stockpicker Rizer	Dura Stat/ Specialty Custom Block	Bessey Clamps
Product Orientation/ Note	Vertical	Vertical	Horizontal	Horizontal	Horizontal or Vertical	*To secure FSS blocks inside mast channel.
Strength (PSI)/ Working Load if Applicable	850 1,724kg/3,880lbs.	850 1,724kg/3,880lbs.	865 N/A	865 N/A	4,000 PSI Only	N/A
<b>*FOOTNOTES</b>						
1)	THE MAXIMUM FORKLIFT MAST WEIGHT FOR THE FBK-FSS-4x4x22 AND FSS-4x4x48 PARTS IS 3,880 POUNDS EACH.					
2)	SAFETY GUIDELINES REQUIRE EACH SIDE OF THE MAST (CHANNEL) MUST BE SUPPORTED, (ie EACH SIDE SHALL NEED TO SUPPORT 50% THE WEIGHT OF THE MAST ASSEMBLY, OR 1,900 POUNDS).					
3)	SAFETY GUIDELINES ALSO REQUIRE CLAMPING OF THE SUPPORT BLOCK(S) TO THE MAST CHANNEL.					
Product Photo						
Mfg. Part #	Baseleg 3x4x6	Baseleg 3x4x9	Baseleg 3x4x13	FSS-2.5x3.5x9/FSS-2.5x3.5x13/FSS-2.5x3.5x6-L		
Material	UHMW Plastic	UHMW Plastic	UHMW Plastic	HDPE Recycled Plastic		
Brand/ Product Name	Dura Stat/ 3"x4"x6" Block	Dura Stat/ 3"x4"x9" Block	Dura Stat/ 3"x4"x13" Block Pantograph	Dura Stat/ FSS-2.5"x3.5"x9" - Block Pantograph Dura Stat/ FSS-2.5"x3.5"x13" - Block Pantograph Dura Stat/FSS-2.5"x3.5"x6"-L - Block Pantograph (with or without lanyard)		
Product Orientation/ Note	Use inside channel of Raymond Model lift trucks. Use vertically.	Use inside channel of Raymond Model lift trucks. Use vertically.	Use inside channel of Raymond Model lift trucks. Use vertically.	FSS-2.5"x3.5"x9" - Block Pantograph - use vertically. FSS-2.5"x3.5"x13" - Block Pantograph - use vertically. FSS-2.5"x3.5"x6"-L - Block Pantograph - use horizontally.		
Working Load	3" x 4" Face- 5,443kg/12,000 lbs. 3" x 6" Face- 8,164kg/18,000 lbs. 4" x 6" Face-10,886kg/24,000 lbs.	3" x 4" Face- 5,443kg/12,000 lbs. 3" x 9" Face-12,426kg/27,000 lbs. 4" x 9" Face-16,329kg/36,000 lbs.	3" x 4" Face- 5,443kg/12,000 lbs. 3" x 13" Face- 12,426kg/27,000 lbs. 4" x 13" Face- 16,329kg/36,000 lbs.	N/A - THESE ARE SPECIALTY PARTS. THESE PARTS ARE DESIGNED TO STABILIZE THE PANTOGRAPH ATTACHMENT OF THE FORKLIFT.		
PSI	3,000	3,000	3,000	865		
Product Photo						*Products are not shown to scale.
Mfg. Part #	CR-TURRET-RM1KIT			CR-TURRET-TS2PKIT		
Material	Specialty Nylon			Specialty Nylon		
Brand/ Product Name	Dura Stat/Part A- 1 1/2" x 4 3/4" x 44 1/2" Block w/cutout Dura Stat/ Part B- 1 1/2" x 4 3/4" x 20 1/2" Block Dura Stat/ Part C- 1 1/2" x 4 3/4" x 11" Block Dura Stat/Part D- 3" x 3" x 30" Block			Dura Stat/Part E- 3" x 3.75" x 48" Block w/cut out Dura Stat/Part F- 3" x 3.75" x 14" Block Dura Stat/Part G- 3" x 3.75" x 14" Block with Notch		
Product Orientation/ Note	Specialty components designed for the Crown RM. Use all parts vertically.			Specialty components designed for the Crown TSP Turret. Use all parts vertically.		
PSI	4,000			4,000		

## GENERAL PRODUCT INFORMATION

The Forklift Blocking Kits are designed to provide components for assistance with stabilization including cribbing and blocking various forklift equipment during repair or maintenance maneuvers in an industrial setting. Before using any of the Turtle Plastics Forklift Blocking Kits or components, carefully read, understand, and follow instructions, procedures, and safety warnings in the equipment owner's manual, in your organization's safety guides and in this manual. This manual cannot anticipate or provide advice and cautions for all situations encountered by repair personnel.

**For safety precautions, the products should be used only by a trained and certified professional in forklift equipment maintenance and repair. Failure to follow warnings and instructions poses risk of serious injury or death to the user as a result of slips, trips, falls, entrapment or rollover of equipment.** For your safety, these components must be used solely by the original purchaser and/or its employees and should not be rented or leased to a third party *without prior consent of Turtle Plastics*.



- All Turtle Plastics components in this manual (excluding clamps/carrying bags) are made from recycled post-industrial HDPE (black Dura Crib and Dura Stat blocks) or red or yellow nylon formulated with a reliable and repeatable formula.
- Product components may be cleaned with mild detergent and water or disinfected with an agent on the EPA List N.
- In addition to the information listed below, additional safety warnings and cautions are listed throughout this manual. Please read, understand, and follow them carefully. **The Forklift Blocking Kit components are intended to be used by trained forklift repair personnel only.**

## SAFETY AND PROPERTY DAMAGE AVOIDANCE INSTRUCTIONS

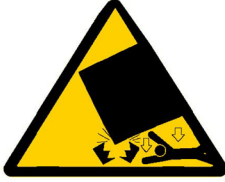


- **Failure to follow warnings and instructions poses risk of serious injury or death to the user as a result of slips, trips, falls, entrapment or rollover of equipment.**
- Product working load limits WLL on identified components are maximized in a 77-degree Fahrenheit (25-degree Celsius) environment; temperatures above or below will decrease working load limits. Do not store or use products in temperatures below 0°C/32°F. Do not store or use block in temperatures above 38°C/100°F.
- Do not use Turtle Plastics general Dura Blend Lumber as a replacement for Dura Stat Mfg. Part FSS-4x4x22, FSS-4x4x48, FSS-2.5x3.5x13, FSS-2.5x3.5x9, FSS-2.5x3.5x6-L Pantograph, FSSY-4x8x48, Baseleg parts, PB-Y or any of the CR Kit parts.

- Do not use any other Dura Blend Lumber products (no Dura Blend Lumber is included in any Turtle Plastics kits) as Forklift Mast Blocks/ inner rail channel block supports. While these products may look like the Dura Stat Forklift Mast Block/inner rail channel blocks, **they are not the same**. Most composite lumber is sized nominally (not true) and not tested for a vertical load rating.
- Yellow and red mast support blocks are made from an ultra-high molecular weight plastic or nylon which can sustain greater psi loads than the black inner rail channel blocks.
- Do not use any of the Dura Stat Forklift Mast Blocks, including Mfg. Part FSS-4x4x22, FSS-4x4x48, FSSY-3x4x48 or any of the Baseleg parts or CR Kit blocks in a horizontal position.
- Never place hands where potential pinch point may occur & never place body parts between objects that may move.
- Before using, ensure the components are compatible with the measurements and load ratings of your equipment.
- Refer to your equipment owner's manual and organization's policies for proper lockout -tagout procedures for your equipment.
- Do not crib stack any Dura Stat Forklift Mast Blocks.
- Do not use any Turtle Plastics products to stabilize any crane equipment.
- Always use approved clamps when conjoining mast blocks to respective mast(s) on equipment.
- To avoid shifting the center of gravity and flipping the forklift truck, always support both sides of the mast using the exact same configuration.
- When lowering block onto mast, do so slowly and carefully. **DO NOT SLAM MAST DOWN ONTO BLOCK** – this may result and cause blocking failure.
- Make sure the load weight is spread evenly across the loaded façade of Turtle Plastics product(s).
- Inspect all components for cracks, splits, warping, and chemical damage every time before use.
- Do not use any component if any damage is detected. Only replace damaged components with genuine Turtle Plastics components by contacting Turtle Plastics or your distributor.
- Before using, ensure the components are compatible with the measurements and load ratings of your equipment.
- Refer to your equipment owner's manual and organization's policies for proper lockout -tagout procedures for your equipment.
- Make sure components are clean and dry before using.
- When applicable, make sure to apply the equipment's braking mechanism.
- When applicable, chock the equipment's wheels. Some kits include the Turtle Plastics wheel chocks.
- Always conduct repairs and maintenance in a well-lit environment.
- Always wear the appropriate personal protective equipment when working on your equipment.
- Do not exceed maximum load ratings or temperature ratings as listed on products or in this manual.
- Do not leave equipment unattended while using Turtle Plastics products in an active load configuration or maneuver.

 <h1 style="margin: 0;">WARNING</h1>	
 	<p><b>CRUSH HAZARD.</b></p> <p>*Exceeding product weight limit can cause load to fall resulting in <b>SERIOUS INJURY, DEATH</b> or property damage.</p> <p>*Do not overload.</p> <p>*Do not place load unevenly onto block.</p> <p>*Do not place load onto a single point on block.</p> <p>*Do not exceed weight limits or temperature specifications for the product.</p> <p>*Comply with all weight and temperature specifications.</p>

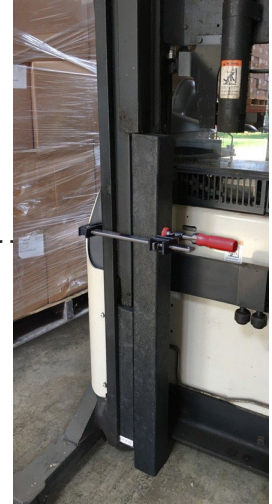
 <h1 style="margin: 0;">WARNING</h1>	
	<p><b>TIP OVER HAZARD.</b></p> <ul style="list-style-type: none"> <li>• Load movement can cause load to tip over resulting in <b>SERIOUS INJURY, DEATH</b> or property damage.</li> <li>• Do not overload.</li> <li>• Do not place load unevenly onto blocks.</li> <li>• Do not leave equipment unattended during an active cribbing application.</li> </ul>

<h1 style="margin: 0;">CAUTION</h1>	
 	<p><b>CRUSH HAZARD.</b></p> <ul style="list-style-type: none"> <li>• Product failure can cause property damage.</li> <li>• Do not exceed weight limits for the products.</li> <li>• Do not place load unevenly onto any product.</li> <li>• Do not place weight unevenly or on a single point of contact onto the products.</li> <li>• Do not use the Forklift Mast Blocks horizontally.</li> </ul> <p><b>TIPPING HAZARD.</b></p> <ul style="list-style-type: none"> <li>• Unbalanced load can cause property damage.</li> <li>• Distribute weight evenly onto the products.</li> </ul>

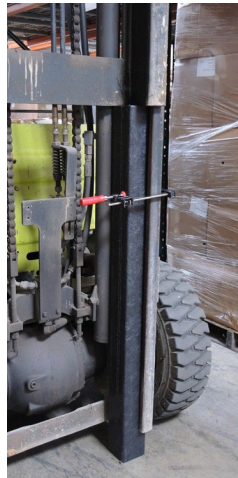
## APPLICATION EXAMPLES

These are examples only. Always refer to the equipment owner's manual and/or your organization's safety policies for proper cribbing/blocking techniques when raising a forklift. **Failure to follow warnings and instructions poses risk of serious injury or death to the user as a result of slips, trips, falls, entrapment or rollover of equipment.**

To avoid shifting the center of gravity and flipping the forklift truck, always support both sides of the mast using the exact same configuration and use "C" style clamps.



- Clamps are provided in the Mfg. Part# FSKB Kit, MBSKit and BMACKIT. The clamps secure the FSS Forklift Mast Blocks - inner rail channel block components to the structure of the equipment to keep them from moving when lowering the mast.
- When lowering the mast on to the blocking components, do so slowly. **DO NOT SLAM MAST DOWN ONTO BLOCK.**



Example of a mast support using Mfg. Part# FSS-4x4x48 and Mfg. Part #FSS-Clamps.



Example at left of a forklift on a Mfg. Part# RZ-17-1-10 Stockpicker Rizer. When driving on to the rizer, do so slowly.



WARRANTY



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ALL TURTLE PLASTICS' PRODUCTS  
**MADE IN USA**