PRODUCT SELECTION & SAFETY INFORMATION

This catalog was designed to help you choose the right equipment to secure your cargo. If you are unsure about a particular product or application, please contact your Kinedyne Representative or call Customer Service.

- PRODUCT SELECTION

It is the owner's and user's responsibility to evaluate the suitability of any cargo securing product for their particular application. Use of cargo control products in an unsuitable manner may result in a failure of your cargo control system or unsecured cargo. Cargo control system failure can result in cargo damage and injury or death to you, a bystander, or another driver. • All products shown in this catalog are designed and intended to be used only as cargo securing devices. Products are not to be used for lifting. • All Kinedyne products shall be used in accordance with local, state, federal, and industry regulations.

- LOAD/CAPACITY RATINGS

Working load capacity information provided in this catalog is intended to help you make decisions when selecting your cargo control system. Equipment overload can result in cargo control system failure. When considering the working load limit remember: • All ratings are for products in new condition. Age, wear, or damage to any TIeDown system can greatly reduce its strength. To ensure your system is working at capacity, always inspect all products prior to each use. • Load directions other than straight can result in a significant reduction in working load limit. Unless otherwise specified, all ratings are based on a straight tensile pull. • Your cargo control system is only as strong as its weakest link. The ratings shown in this catalog are based on using Kinedyne track, beams, webbing, and hardware as a system. Cargo control products must be attached to securing points of equal or greater strength to maintain the established working load limit. NOTE: All working load limits shown in this catalog are based on 1/3 the break strength of the component or assembly.

- PRODUCT MANUALS & WARNINGS

In addition to important safety information, Kinedyne product manuals provide valuable information about installation, operation, and specifications. Always read manuals and product warnings before using products. The most current product manuals and other reference materials are available at our Web site www.kinedyne.com, by calling Customer Service, or by contacting your Kinedyne Representative.

PRODUCT SPECIFIC SAFETY STATEMENTS

- TENSIONING OF CARGO CONTROL EQUIPMENT

To avoid over tensioning, always select and use Kinedyne specified equipment to tighten our products. Equipment compatibility is described in this catalog. This equipment has been designed to avoid over tensioning. Use of any unspecified leverage increasing device, such as a cheater bar, can generate enough force to break a piece of cargo control equipment. The release of energy when a piece of cargo control equipment breaks can cause serious injury or death to you or bystanders. If you are having difficulty securing a load, make sure your cargo control equipment is in working order, or readjust or reposition your load.

- WINCHES, WINCH BARS

WARNING: When tightening or loosening winches, always maintain a firm grip on the winch bar. Never release a winch bar without checking the pawl to ensure that it is fully engaged between ratchet teeth. Releasing a winch bar without the pawl being properly engaged may cause serious injury and/or death to the user or bystanders. The use of slip resistant handle winch bar, specifically designed to tighten or loosen winches, is recommended. Kinedyne winch bars (page 18) shall be used to tension and release winch tie down assemblies. Use of any unspecified leverage increasing device, such as a cheater bar, may generate enough force to break a piece of cargo control equipment. The release of energy when a piece of cargo control equipment breaks may cause serious injury or death to the user and/or bystanders. User shall stand clear of the winch bar handle during operation of the winch bar in case the winch bar slips. The tip of the winch bar shall be inserted through both holes in the end cap to prevent the winch bar from "slipping out" and overloading the tip and/or end cap. Winches shall not be loaded in excess of their working load limit. Winches shall not be used as a pulling or lifting device. A minimum of 12" of webbing shall be inserted through the slot, and a minimum of two (2) wraps shall be on the winch mandrel. CAUTION: Excessive wraps of webbing on the mandrel will reduce the working load limit of the winch.

- STRAP ASSEMBLIES

WARNING:
Webbing straps must be protected when used on rough or sharp objects. Straps that are cut, worn or damaged shall not be used and shall be replaced immediately. All strap assemblies shall be inspected prior to each use. The use of "Cheater bars" or other means of increasing leverage on a ratchet buckle handle or winch, other than a Kinedyne approved device, can cause serious injury to the user and/or bystander. Webbing straps are rated for use in temperature range from +194 degrees F (+90°C) to -40 degrees F (-40°C).

- CHAIN PRODUCTS

WARNING: Never over tension chain binders. Refer to product descriptions for proper tensioning accessories. Use of any unspecified leverage increasing device, such as a cheater bar, can generate enough force to break a piece of cargo control equipment. The release of energy when a piece of cargo control equipment breaks can cause serious injury or death to you or bystanders. If you are having difficulty securing a load, make sure your cargo control equipment is in working order, or readjust or reposition your load. WLL ratings and strength standards for Kinedyne chain are in compliance with National Association of Chain Manufacturers (NACM) Welded Steel Chain Specifications. Do not exceed WLL ratings.

- WEB SLINGS & WIRE ROPE SLINGS

WARNING: Web Slings and Wire Rope Slings may be used for general lifting purposes including raising, lowering and suspending. It is the responsibility of the user to select the appropriate web slings for a specific lifting application. Users of web slings must have knowledge of proper method for lifting item(s). Users must also be knowledgeable about industry, local, state, federal and provincial regulations applicable to item(s) being lifted.

- RUBBER ROPE & TARP TIES

WARNING: Rubber Ropes and Tarp Ties are not designed to hold a load in place. Failure to properly secure a load can lead to cargo damage, injury, or death.

- LOGISTIC STRAPS

WARNING: Series E, A or F fittings are designed for use with Kinedyne Logistic Track. Load ratings may be reduced when used with other tracks or if the track fitting is not positively engaged. Your cargo control system is only as strong as its weakest link. All ratings for series E and A fittings are based on use with Kinedyne 11 gauge track. NOTE: Several types of Kinedyne track are not made with 11 gauge steel, contact Customer Service for specifications by part number.

- LOGISTIC TRACK

WARNING: Welding galvanized material will form toxic fumes. Welding shall be done with adequate ventilation.

- SERIES E & A BEAMS

WARNING: Series E or A beams are designed for use with Kinedyne Logistic Track. Load ratings may be reduced when used with other tracks or if the track fitting is not positively engaged. Your cargo control system is only as strong as its weakest link. Do not overload beams or create a top-heavy, unstable trailer.

- SERIES F SHORING BARS

WARNING: Shoring bars should never be used in decking applications. Use of a shoring bar in a decking application can lead to a failure of your cargo control system. When Series F bars are used in the vertical position, the spring end of the bar must be up to avoid bouncing out of the track.

- JACK BARS

WARNING: Jack Bars should not be used with cargo on wheels. Cargo on wheels exerts more force when it shifts during movement and can cause friction type cargo bars to fail. Only use positive engagement shoring bars, beams, or straps to secure cargo on wheels. Overtensioning of ratchet mechanism may cause damage to trailer sidewalls. Cargo bars do not have load ratings due to varying conditions of trailer sidewalls.

- SAF-T-LOK BARS

WARNING: Saf-T-Lok Bars should not be used with cargo on wheels. Cargo on wheels exerts more force when it shifts during movement and can cause friction type cargo bars to fail. Only use positive engagement shoring bars, beams or straps to secure cargo on wheels. Overtensioning of the rack mechanism may cause damage to trailer sidewalls. Cargo bars do not have load ratings due to varying conditions of trailer sidewalls.

- KAPTIVE BEAM SYSTEMS

WARNING: Kinedyne Kaptive Beams and Kinedyne Kaptive Beam Track are components of a designed system. The use of components other than genuine Kinedyne Kaptive Beam products could result in system failures and void the warranty. Do not overload beams or create a topheavy, unstable trailer.

- LOGISTIC TRACK FITTINGS

WARNING: Series E, A or F fittings are designed for use with Kinedyne Logistic Track. Load ratings may be reduced when used with other tracks or if the track fitting is not positively engaged. All ratings for series E and A fittings are based on use with Kinedyne 11 gauge track. NOTE: Several types of Kinedyne track are not made 11 gauge steel, contact Customer Service for specifications by part number. Your cargo control system is only as strong as its weakest link.