

WINCH STRAPS

Kinedyne offers a full line of gold and black edge 2", 3" and 4" winch straps. All winch straps are made from resin-coated polyester for minimum stretch and maximum wear resistance. These rugged straps provide the strength and durability demanded in flatbed tie-down requirements. All winch straps are labeled to meet CVSA, CHP, NACS, DOT and WSTDA regulations and standards. Straps are stenciled with the Kinedyne name, logo and working load limit. See page 101 for more details on industry standards and regulatory agencies.

⚠ WARNING: Only trained, knowledgeable personnel should use tie down straps. It is operator's responsibility to use appropriate type and number of straps for the load being secured. 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). Straps should be stored out of direct sun and away from damaging chemicals when not in use. Ensure load is stable before tightening or releasing tension in a strap assembly.

WINCH STRAPS - STANDARD

	222720	27'	2" Webbing
	223020	30'	With 1015 Flat Hook & 2084FK Webbing Working Load Limit: 3,335 lbs./1513 kgs.
	223039	30'	2" Webbing With 3705-2 Chain Anchor & 2084FK Webbing Working Load Limit: 3,335 lbs./1513 kgs.
	223060	30'	2" Webbing With 1007 Narrow Hook & 2084FK Webbing Working Load Limit: 1,670 lbs./751 kgs.
	322721	27'	3" Webbing
	323021	30'	With 1021 Flat Hook, Abrasion Clip & 3084FK Webbing Working Load Limit: 5,400 lbs./2450 kgs.
	422721	27'	4" Webbing
	423021	30'	With 1021 Flat Hook, Abrasion Clip & 4080FK Webbing
	423521	35'	Working Load Limit: 5,400 lbs./2450 kgs.
	424021	40'	
	425021	50'	
	323025	30'	3" Webbing With 1025 Delta Ring & 3084FK Webbing Working Load Limit: 5,400 lbs./2450 kgs.
	422710	27'	4" Webbing
	423010	30'	With 1026 Delta Ring & 4080FK Webbing
	423510	35'	Working Load Limit: 5,400 lbs./2,450 kgs.
	424010	40'	
425010	50'		
	322740	27'	3" Webbing
	323040	30'	With 3705-3 Chain Anchor & 3084FK Webbing Working Load Limit: 5,400 lbs./2450 kgs.
	422740	27'	4" Webbing
	423040	30'	With 3705-3 Chain Anchor & 4080FK Webbing Working Load Limit: 5,400 lbs./2450 kgs.
	223084	30'	2" Webbing With 1006 Narrow Hook & 2084FK Webbing Working Load Limit: 3,335 lbs./1513 kgs.
	323084	30'	3" Webbing With 1006 Narrow Hook & 3084FK Webbing Working Load Limit: 3,335 lbs./1513 kgs.
	423000	30'	4" Webbing No Hardware - 4080FK Webbing Strap used for Winch to Winch Application Working Load Limit: 5,400 lbs./2450 kgs.
	423030	30'	4" Webbing With Sewn Loop & 4080FK Webbing Working Load Limit: 5,000 lbs./2270 kgs.

Custom stenciling available on most strap assemblies and bulk webbing. Contact Customer Service for price and delivery.

⚠ SEE WARNINGS ON PAGE 21 • VOIR LES AVERTISSEMENTS EN PAGE 22 • VÉASE LAS ADVERTENCIAS EN LA PÁGINA 23



The new K-FORCE straps are engineered to manage heavier loads and employ more polyester material in the body of the strap than Kinedyne's standard gold with black edge webbing. K-FORCE winch straps have a working load limit (WLL) of 6,670 pounds, 23 percent greater than the current industry standard of 5,400 pounds. Kinedyne has established a new and higher bar for winch straps that is 20 to 50 percent higher than others on the market.

⚠ WARNING: Only trained, knowledgeable personnel should use tie down straps. It is operator's responsibility to use appropriate type and number of straps for the load being secured. 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). Straps should be stored out of direct sun and away from damaging chemicals when not in use. Ensure load is stable before tightening or releasing tension in a strap assembly.

WINCH STRAPS – K-FORCE

	4827D3 4830D3	27' 30'	4" Webbing With 1028 Flat Hook & 4054XKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.
	4827C7 4830C7	27' 30'	4" Webbing With 30" chain anchor & 4054XKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.
	482736 483036	27' 30'	4" Webbing With 1016 Narrow Hook & 4054XKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.
	482710 483010	27' 30'	4" Webbing With 1026 Delta Ring & 4054XKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.
	482730S 483030S	27' 30'	4" Webbing With Sewn Loop & 4054XKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.

NOTE: "K-FORCE" products are not available for custom stenciling.



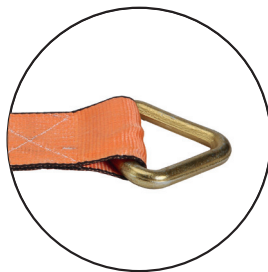
Flat Hook



Narrow Hook



Chain Anchor



Delta Ring












The new RHINO MAX™ brand of winch straps will replace Kinedyne's award-winning abrasion-resistant Rhino Web line. The Rhino Web strap changed webbing durability standards when it was introduced in 2002, and now, with the enhanced WLL of our new RHINO MAX, there is no equal for its strength and durability. With RHINO MAX, users can secure heavier loads with fewer straps and will continue to appreciate its famed Rhino toughness. RHINO MAX winch straps have a working load limit (WLL) of 6,670 pounds, 23 percent greater than the current industry standard of 5,400 pounds unless noted otherwise.

Stronger than its Rhino Web predecessor, RHINO MAX load securement straps are treated with the same award-winning abrasion-resistant chemical coating that made Rhino Web a favorite of fleets and owner-operators looking for a strap capable of standing up to severe-duty environments. The new straps also retain the famous rhino-gray color.

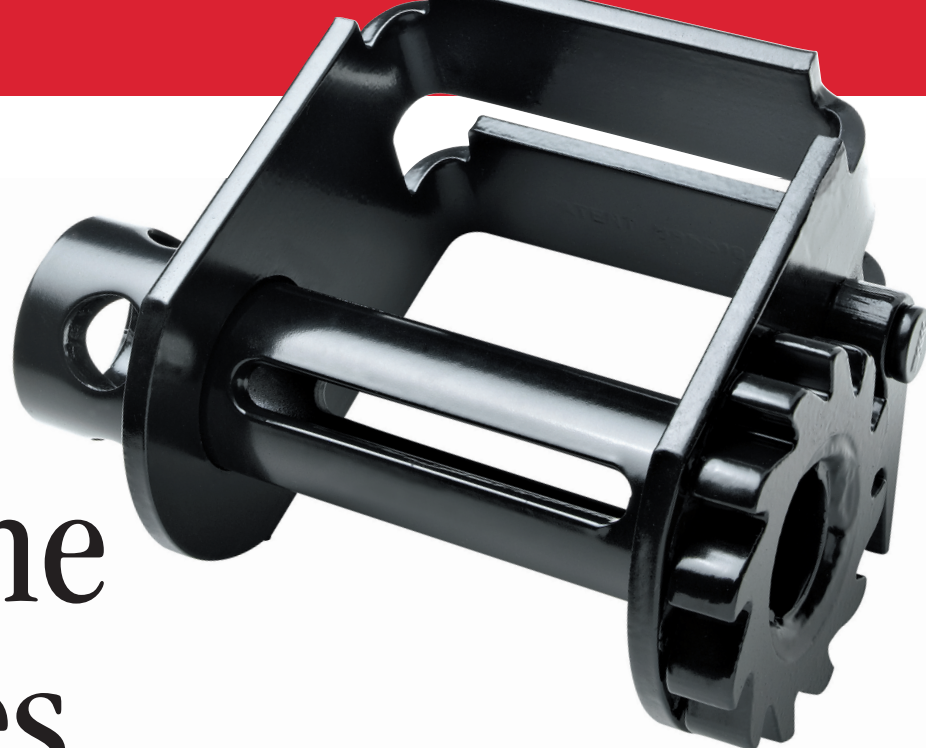
⚠ WARNING: Only trained, knowledgeable personnel should use tie down straps. It is operator's responsibility to use appropriate type and number of straps for the load being secured. Webbing straps must be protected when used on rough or sharp objects. Straps that are cut, worn or damaged shall not be 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). Straps should be stored out of direct sun and away from damaging chemicals when not in use. Ensure load is stable before tightening or releasing tension in a strap assembly.

WINCH STRAPS – RHINO MAX

	262723	27'	2" Webbing With FE7915-1 Flat Hook & 2054GK Webbing Working Load Limit: 4,000 lbs./1814 kgs.
	263023	30'	
	2630D4	30'	2" Webbing With 80180 Wire Hook & 2054GK Webbing Working Load Limit: 4,000 lbs./1814 kgs.
	363021	30'	3" Webbing With 1021 Flat Hook, Abrasion Clip & 3054GK Webbing Working Load Limit: 5,400 lbs./2450 kgs.
	4627D3	27'	4" Webbing With 1028 Flat Hook, Abrasion Clip & 4054GKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.
	4630D3	30'	
	363040	30'	3" Webbing With 3705-3 Chain Anchor & 3054GK Webbing Working Load Limit: 5,400 lbs./2450 kgs.
	4627C7	27'	4" Webbing With 3705-8 (30") Chain Anchor & 4054GKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.
	4630C7	30'	
	462710	27'	4" Webbing With 1026 Delta Ring & 4054GKW Webbing Working Load Limit: 6,670 lbs./3025 kgs.
	463010	30'	

NOTE: "Rhino Max" products are not available for custom stenciling.

Kinedyne Winches



WINCHES & WINCH TRACK

WINCHES

STANDARD HEIGHT WINCHES are for bottom mounting only.

LOW PROFILE WINCHES are designed for side mounting.

STORABLE WINCHES are for bottom mounting and offer added capacity for storing up to 40' of webbing.

Kinedyne winches provide a method for securing cargo on flatbed trailers and other vehicles. Kinedyne offers a wide variety of styles to ensure the correct winch is available for each application.

All winches are designed to meet the requirements of the Department of Transportation (DOT), California Highway Patrol (CHP), Canadian 905, North American Cargo Securement (NACS) and Web Sling & Tie Down Association (WSTDA) regulations and standards. Kinedyne offers a broad range of winches for use with either 2", 3" or 4" web straps, cable, or a combination of both.

All winches are produced as right-hand models unless noted otherwise.

Some of our more popular winches are available with a galvanized finish as noted by the "G" suffix.

Working Load Limit for all winches is 5,500 lbs/2500 kgs. unless otherwise noted. The orientation of the winches in these photographs is for display purposes only and does not represent recommended installation.

⚠ WARNING: When tightening or loosening winches, always maintain a firm grip on the winch bar. Ensure load is stable before tightening or releasing tension in a strap assembly. 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 can cause serious injury 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 tie-down assemblies. 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. 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.

CAUTION: Excessive wraps of webbing on the mandrel will reduce the working load limit of the winch.

WELD-ON WEBBING WINCHES

Weld-on winches are designed to be permanently mounted in a fixed position.



1820 – Standard



1820S – Storable



7820 – Low Profile
7820G – Galvanized

PORTABLE WEBBING WINCHES

Portable winches allow flexibility of winch placement along the trailer side channel.



1820P2 – Standard



7820P2 – Low Profile

WARNING: Remove and store the portable winch whenever it is not in use. If the portable winch is not removed, it can fall off the vehicle during travel, risking injury or death to other drivers or bystanders.

SLIDING WEBBING WINCHES & TRACK

Sliding winches move easily in both directions for positioning in the track, but lock firmly in place when tension is applied to the webbing. Sliding winches must be used with Kinedyne winch track (part numbers 3606 and 3607).



5820SD – Storable
with small disc

5820SDG – Galvanized



2820 – Standard



3820SPC – Standard
3820SPCG – Galvanized



5820 – Storable
5820G – Galvanized
5820ZP – Zinc Plated



3820 – Standard



3820SDSPC
Standard with small disc

3820SDSPCG
Galvanized



3606FHR
Flat Hook Receiver



14011G
Galvanized – Three-Bar
sliding



3606
Steel – 6' length

3606-12 – 12' length



3607
Aluminum – 6' length

DOUBLE “L” SLIDING WINCHES AND WINCH TRACK

The sliding webbing winch and track combination provide an efficient and flexible securement system. The winch moves easily in both directions, but locks firmly in place when tension is applied. Sliding winches must be used with Kinedyne 3608 winch track.

NOTE: All series 1020 winches covered under U.S. Patent Number 5,853,164



1020 – Standard
1020ZP – Zinc Plated



1020S – Storable
1020SZP – Zinc Plated
1020SG – Galvanized



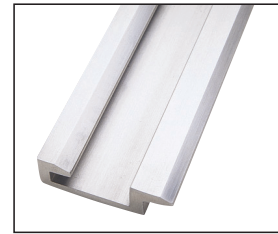
10203B – 3-Bar



1020LP – Low Profile



3608FHR – Flat Hook Receiver



3608 – Aluminum
Standard length 10'

COMBINATION WINCHES

Double-duty combination winches are designed to be used with webbing or wire cable.

Cable Working Load Limit: 3,335 lbs./1515 kgs.

Web Working Load Limit: 5,000 lbs./2270 kgs.



1020C – Combination, Sliding



13008 – Standard, Weld On
with 5/8" diameter x 2" long post



13002 – Low Profile, Weld On
with 5/8" diameter x 1" long post

BOLT-ON WEBBING WINCHES

Bolt-on winches are designed to bolt onto side rail and bottom flange of side rail.



12004SP – Side Mount



12004BM – Bottom Mount



3 BAR WINCHES

The unique 3 bar winch reel design allows for easy strap insertion, even when strap ends are frayed or slots have ice build-up.

Working Load Limit: 5,000 lbs./2270 kgs.



14001



14006

14006NP – Standard, No Paint



14011G – 3 Bar Sliding Galvanized

LEG BRACKET WINCHES

Leg bracket winches are designed to be side mounted on trailers.



12004 – For use with Webbing only

WELD-ON CABLE WINCH

With 1/2" diameter hole for cable attachment.

Working Load Limit:
3,335 lbs./1513 kgs.



9820H

END BOX CABLE WINCH

This special end-box cable winch is designed to be mounted on the end of trailers. With 5/8" diameter x 2" long post.

Working Load Limit:
5,000 lbs./2500 kgs.

Weight: 15.8 lbs./7.8 kgs.



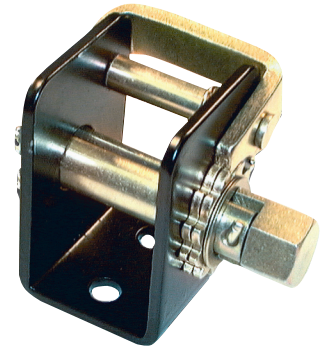
12016

LASHING WINCH

This versatile winch can be welded or bolted in place like a standard winch, but offers the quick release and easy operation of a ratchet buckle. 1-1/8" hex wrench required.

Working Load Limit:
3,335 lbs./1513 kgs.

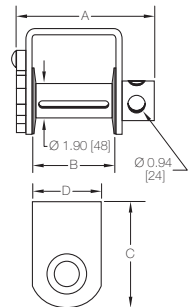
Weight: 3.8 lbs./1.7 kgs.



1880

INSTALLATION INFORMATION

All winches shall be installed so the user can see the pawl, to ensure proper engagement. Additionally, the winch shall be positioned so the pawl drops between the ratchet teeth by gravity. Winches shall never be installed in a position where the user cannot see the pawl engagement, or where they must hold the pawl to engage the ratchet tooth. All winches, except portable and sliding styles, must be welded or bolted to the vehicle structure. Minimum welding requirements are 1/4" fillet weld, 4" long on both sides of the frame and 1/8" penetration. If winches are installed in track, the track shall be attached to vehicle structural members. The vehicle structure should have equal or greater strength than the winch. For more detailed track mounting instructions contact your Kinedyne Sales Representative.



WINCH SPECIFICATIONS

Part Number	A Overall Length (inches)	B Inside Frame (inches)	C Overall Height (inches)	D Frame Width (inches)	Weight (lbs.)	Weight (kgs.)
1020	7.6	4.88	5.87	3.94	7.8	3.5
1020C	9.5	4.96	6.36	3.54	10.0	4.5
1020ZP	8.5	4.88	5.87	3.94	8.8	4.0
1020LP	7.74	4.88	5.24	3.94	8.4	3.8
1020S	7.8	4.88	6.89	3.94	11.2	5.0
10203B	9.9	6.50	4.91	3.94	12.6	5.7
1820	7.82	4.88	5.51	3.54	8.0	3.6
1820P2	7.68	4.88	5.51	3.54	9.4	4.3
1820S	7.71	4.88	6.50	3.54	8.8	4.0
1880	5.0	2.13	4.02	2.93	3.8	1.7
2820	10.57	7.75	6.13	4.00	12.0	5.5
3606FHR	6.25	5.00	6.25	4.00	6.0	2.7
3608FHR	6.25	5.00	5.25	4.00	7.5	3.4
3820	7.66	4.88	5.98	3.94	9.2	4.2
3820SPC	7.66	4.88	6.50	4.00	9.7	4.4
3820SPCG	7.66	4.88	6.50	4.00	9.7	4.4
3820SDSPC	7.75	4.88	6.50	3.94	10.3	4.7
3820SDSPCG	7.75	4.88	6.50	3.94	10.3	4.7
5820	7.68	4.88	7.72	3.94	10.1	4.6

Part Number	A Overall Length (inches)	B Inside Frame (inches)	C Overall Height (inches)	D Frame Width (inches)	Weight (lbs.)	Weight (kgs.)
5820G	7.68	4.88	7.72	3.94	10.1	4.6
5820ZP	7.68	4.88	7.72	3.94	10.1	4.6
5820SD	7.68	4.88	7.72	3.94	10.7	4.9
5820SDG	7.68	4.88	7.72	3.94	10.7	4.9
7820	7.68	4.88	4.33	3.94	8.1	3.7
7820G	7.68	4.88	4.33	3.94	8.1	3.7
7820P2	7.68	4.88	4.33	3.94	9.2	4.2
9820H	7.66	4.88	5.51	3.54	9.6	4.4
12004	7.77	4.88	4.78	3.75	6.0	2.7
12004BM	7.88	4.88	6.88	3.50	8.2	3.7
12004SP	7.77	4.88	6.02	4.69	8.7	4.0
12016	7.56	7.24	10.00	3.94	15.8	7.8
13002	9.27	6.50	4.33	3.94	16.0	7.3
13008	9.27	6.50	5.71	3.54	10.7	4.9
14001	10.24	6.53	4.25	3.94	11.6	5.2
14001NP	10.24	6.53	4.25	3.94	11.6	5.2
14006	10.12	6.54	5.50	4.00	13.3	6.0
14006NP	10.12	6.54	5.50	4.00	13.3	6.0
14011G	10.24	6.50	6.89	3.94	15.4	7.0
14011NP	10.24	6.50	6.89	3.94	15.4	7.0

WINCH BARS

All winch bars feature a knurled non-slip handle and a tapered, carbon-steel nose piece for strength and easy operation. Combination bars have modified handles for use in releasing lever chain binders.



Winch Bar Slip Resistant Tip



The EASE-Z Winch bar allows for rotating the bar 360 degrees without having to remove it, for easier leveraging to tension a strap. Does not require user to use forceful upward or downward angles. The mushroom tip helps keep the bar from slipping out of the winch cap. These EASE-Z winch bars are steel and painted orange.

U.S. Patent 7,740,232
CA Patent 2,652,941

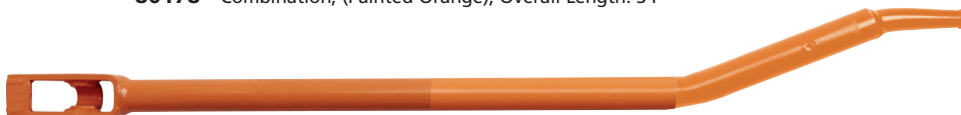
EASE-Z WINCH BARS



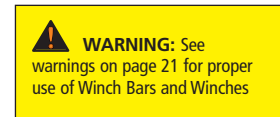
80177 – Standard, (Painted Orange), Overall Length: 34"



80178 – Combination, (Painted Orange), Overall Length: 34"



80179 – Combination Box End, (Painted Orange), Overall Length: 39"



STANDARD WINCHES



37030 – Standard Bar (Painted), Length: 35.25"



37031 – Standard Bar (Chrome Plated), Length: 35.25"



10032 – Combination Bar, Box type end (Painted), Length: 40"



37033 – Combination Bar, Wide Mouth (Chrome Plated), Length: 32.75"



10033 – Combination Bar, Box type end (Chrome Plated), Length: 40"

WARNING: See warnings on page 21 for proper use of Winch Bars and Winches

STRAP WINDERS & STORAGE

KWIK WINDER

The Kwik Winder is a great tool for all flatbeds equipped with winches. Once the trailer has been unloaded, the Kwik Winder allows drivers to wind the straps onto the mandrel of the winch in a fraction of the time it takes to do it by hand. This essential tool easily recoils straps, saves time and gets drivers back on the road quickly.

10092

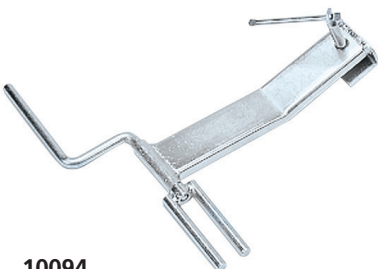


KwikWinder



STANDARD STRAP WINDER

Standard Strap Winders are made of all steel construction with zinc plating. They easily clamp to trailer side rail, quickly wind 2" - 4" straps and conveniently disassemble for storage.



10094

PREMIUM STRAP WINDER

Premium Strap Winders are made of all steel construction with zinc plating. They are easily fitted to trailer side rail and can be wound in either direction. Winder will quickly wind 2" - 4" straps and conveniently disassemble for storage.



Premium Strap Winder



10091