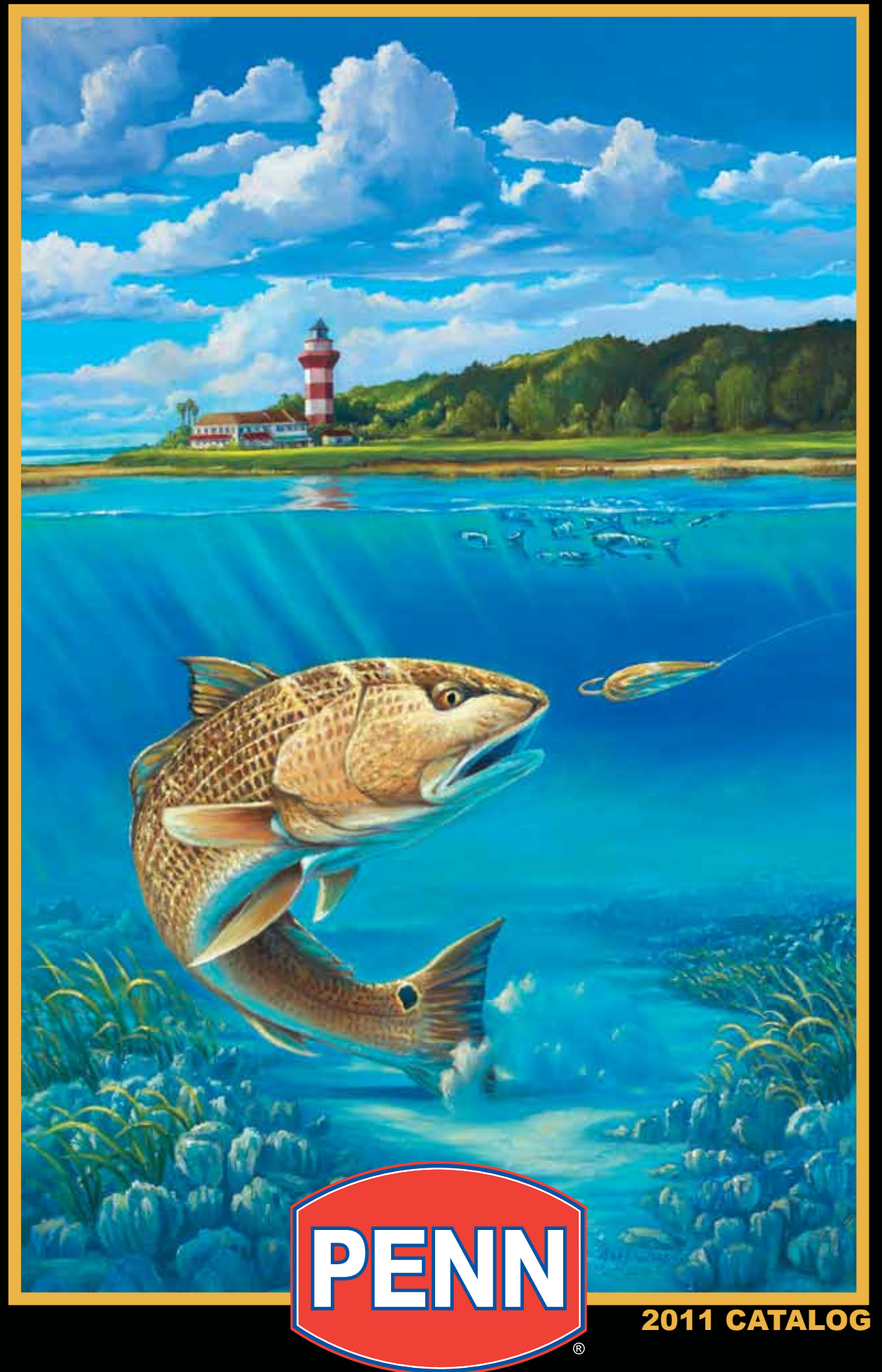




PENN FISHING TACKLE
MANUFACTURING COMPANY
PHILADELPHIA, PA
www.pennreels.com

Pure Fishing, a subsidiary of
Jarden Corporation (NYSE: JAH)



2011 CATALOG



On The Cover: "Spoon Fed Red" Original Oil Painting

Jeff Weese is a nature artist who showed his artistic talents from the time he was a young man growing up in Ontario, Canada. Sketching anything that caught his eye, he started experimenting with watercolor and acrylics at eighteen. He studied Fine Arts and graduated from St. Lawrence College in Kingston, Ontario. Painting primarily scenes of his beloved Canada, Jeff has achieved a measure of success becoming a well-known artist in the Kingston, Ontario area. Whether it is Kingston streetscapes, scenes of Big Gull Lake in the "Land O' Lakes" region, or the myriad of wildlife native to Canada, his paintings realistically depict everyday life as he envisions it. Continuing his passion for painting local color, Jeff's latest works depict scenes of the Low Country and Beaches of South Carolina. Known especially for his attention to detail and brilliant use of light, scenes of "Edisto Island" and fun works of children playing along the shores and beaches are well received by natives of his adopted country.

For more information regarding availability of paintings, prints or commissions contact Jeff Weese at jweese001@sc.rr.com



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Line capacities on spool are marked at 1/3rd, 2/3rd and full capacity.



Both the spool and spindle may rotate independently from the drive train and frame thereby reducing friction during free spool and eliminating binding during the retrieve.



The turn of a dial provides the greatest range of bait clicker settings ever.



Easy Access System allows maintenance hatch to be lowered to access key internal parts for lubrication



No backing needed because the rubber gasket keeps superline from slipping



Eliminates rotor backplay for instant hook sets



Patented ISP (Integrated Side Plate) design ensures proper gear alignment under heavy loads



Quick-Shift™ Patented 2-speed system easily shifts into high or low gear



Dura-Drag™ washers virtually eliminate hesitation, even under extreme drag settings



The perfect oscillation for an extremely even line lay



Switchblade harness lugs flip up with the tip of your finger or drop flush with the reel to eliminate snagged lines.



Provides 16 magnetic brake settings for controlled casting.



Sets the bait clicker to heavy, light or off positions



A proprietary metal that resists dents and scratches



Braid Ready to handle the strain that braided lines put on a reel



Full metal body and sideplate keep precise gear alignment under heavy loads



Push-To-Turn™ preset knob eliminates accidental changes to the drag setting



Patented Versa-Drag™ system allows for multiple drag settings for various fishing conditions



HT-100™ drag washers provide smooth drag under heavy loads



TRC™ - Torque Rod Construction provides a spiral wrapped graphite core for added strength



Techno-balanced™ rotor gives smooth retrieves



MADE IN THE USA



ULTIMATE
ADJUSTABLE
CLICKER



Push-to-Turn™



Dura-Drag™



Braid
Ready



Quick-Shift™



FULL
METAL
BODY



NEW
SIZE
12VS



NEW
SIZE
12V



MADE IN THE USA



ULTIMATE
ADJUSTABLE
CLICKER



Push-to-Turn™



Dura-Drag™



Braid
Ready



FULL
METAL
BODY

INTERNATIONAL VS • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag @ Strike	Gear Ratio High/Low	Line Retrieve (in)High/Low	Weight (oz)
12VS	875/12 • 775/15 • 525/20	1425/20 • 1075/30 • 750/50	4	12 lbs	5.3:1 / 3.3:1	40/25	32
16VS	1025/16 • 700/20 • 480/30	1000/50 • 825/65 • 700/80	4	11 lbs	5.3:1 / 2.0:1	45/17	41
30VSW	900/30 • 550/50 • 480/60	1525/65 • 1325/80 • 1125/100	4	23 lbs	3.8:1 / 1.6:1	37/15	58
50VSW	825/50 • 725/60 • 525/80	2000/80 • 1700/100 • 1425/130	4	28 lbs	3.1:1 / 1.3:1	34/14	75
70VS	650/80 • 525/100 • 420/130	1750/130 • 1600/150 • 1300/200	4	35 lbs	3.1:1 / 1.4:1	39/18	100
80VSW	950/80 • 875/100 • 700/130	2900/130 • 2600/150 • 2125/200	6	40 lbs	3.0:1 / 1.4:1	43/19	111

• TOPSHOT capacities are located in the Master Capacity Chart.

- Full metal body and sideplates keep precise gear alignment under heavy loads
- Quick-Shift™ patented 2-speed system easily shifts into high or low gear
- Push-To-Turn™ preset knob eliminates accidental changes to the drag
- Dura-Drag™ washers virtually eliminate hesitation, even under extreme drag settings
- Ratcheted drag lever prevents “drag creep” caused by hours of trolling and vibrations

- Shielded stainless steel ball bearings
- Stainless steel reel stand
- Braid Ready to handle the strain that braided lines put on a reel
- 70VS and 80VSW have titanium handle blank
- Ultimate Adjustable Clicker on 12VS only



The Ultimate Bait Clicker allows for the greatest range of bait clicker settings in the industry. Simply turn the dial clockwise to increase the tension for fishing bigger baits or turn it counter clockwise to lighten the tension for smaller baits or to detect lighter strikes.

INTERNATIONAL V • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag @ Strike	Gear Ratio	Line Retrieve (in)	Weight (oz)
12V	875/12 • 775/15 • 525/20	1425/20 • 1075/30 • 750/50	4	8 lbs	5.9:1	45	31
30VW	900/30 • 550/50 • 480/60	1525/65 • 1325/80 • 1125/100	4	23 lbs	3.8:1	37	57
50VW	825/50 • 725/60 • 525/80	2000/80 • 1700/100 • 1425/130	4	28 lbs	3.1:1	34	74

• TOPSHOT capacities are located in the Master Capacity Chart.

- Full metal body and sideplates keep precise gear alignment under heavy loads
- Push-To-Turn™ preset knob eliminates accidental changes to the drag
- Ratcheted drag lever prevents “drag creep” caused by hours of trolling and vibrations
- Dura-Drag™ washers virtually eliminate hesitation, even under extreme drag settings

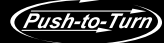
- 4 shielded stainless steel ball bearings
- Stainless steel reel stand
- Braid Ready to handle the strain that braided lines put on a reel
- Ultimate Adjustable Clicker on 12V only



MADE IN THE USA



ULTIMATE
ADJUSTABLE
CLICKER



Push-to-Turn



Dura-Drag



Braid
Ready



Quick-Shift



FULL
METAL
BODY



There is a reason PENN Internationals are considered The Gold Standard in big game reels. We hold ourselves to a higher standard. So when building the most respected big game reels on the market, we take extra steps to ensure our reels perform better and last longer. Let’s take a look side by side.

SIDEPLATES

PENN reels are precision machined from high-strength, lightweight, aircraft grade aluminum, not weak plastic parts that may flex under heavy drags or intense heat. Why would you use a plastic part on a big game reel? It just did not make sense when the engineers at PENN designed the International V series reels.



MAIN GEAR

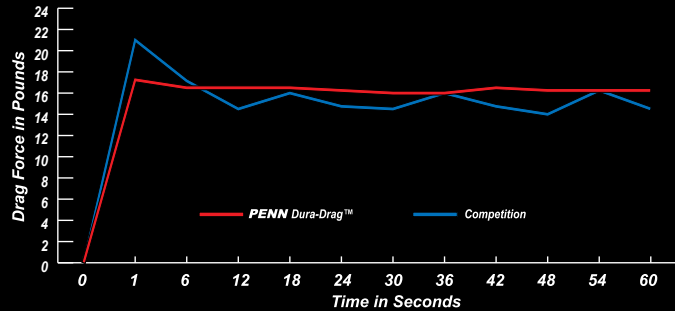


MAIN GEAR

Let’s imagine you are hooked up and battling the fish of a lifetime, which one of these gears would you want? The low gear of the PENN 80VSW alone is 44% larger than “Their” 130-class, and 55% larger on the high speed resulting in greater contact area. Compare side by side 130 class gears and it’s just plain embarrassing!

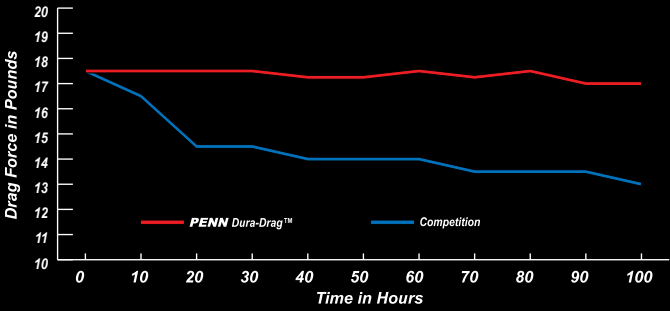
PINION GEAR

Just as important as the main gears are the one-piece spindle and pinion gears. Which one do you think is going to withstand the enormous forces exerted when hooked up to a tournament winning fish? A solid piece or one held together by pins?



COMPARATIVE SMOOTHNESS TEST

Consistent drag performance is arguably the most important feature required during long battles. Surging drags result in pulled hooks, broken lines and ultimately lost fish. The Dura-Drag™ system results in smoother start-ups and significantly more consistent drag pressures.



COMPARATIVE DURABILITY TEST

In laboratory tests, the proprietary Dura-Drag™ system sustained its original drag settings after 100-hours of “burn time” on the drag, our closest competitor’s materials dropped by more than 35%.

INTERNATIONAL VSX • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag @ Strike	Gear Ratio High/Low	Line Retrieve (in)High/Low	Weight (oz)
12VSX	360/30 • 300/40 • 220/50	750/50 • 625/65 • 525/80	4	20 lbs	5.0:1 / 2.5:1	38/19	33
16VSX	1075/16 • 700/20 • 480/30	825/65 • 700/80 • 600/100	4	28 lbs	4.3:1 / 1.7:1	36/15	41
30VSX	525/30 • 320/50 • 280/60	775/80 • 650/100 • 550/130	4	30 lbs	3.8:1 / 1.6:1	37/15	60
50VSX	500/50 • 440/60 • 330/80	875/130 • 775/150 • 650/200	4	36 lbs	3.1:1 / 1.3:1	34/14	76
130VSX	975/130 • 850/150 • 525/200	3650/150 • 2975/200 • 2475/250	6	70 lbs	2.2:1 / 1.2:1	38/21	176

• TOPSHOT capacities are located in the Master Capacity Chart.

- Full metal body and sideplates keep precise gear alignment under heavy loads
 - Quick-Shift™ patented 2-speed system easily shifts into high or low gear
 - Push-To-Turn™ preset knob eliminates accidental changes to the drag
 - Dura-Drag™ washers virtually eliminate hesitation, even under extreme drag settings
 - Ratcheted drag lever prevents “drag creep” caused by hours of trolling and vibrations
- Shielded stainless steel ball bearings
 - Stainless steel reel stand
 - Braid Ready to handle the strain that braided lines put on a reel
 - 130VSX has titanium handle blank
 - Ultimate Adjustable Clicker on 12VSX only

INTRODUCING THE NEW



CUSTOM SHOP

Anglers can now be the first in their marina to customize PENN International® V series big game reels to fit their own unique style. The PENN Custom Shop offers fully customized International reels in seven eye-catching colors. Mix and match colors to design the reel that fits the angler's unique style. Then custom engrave a name, boat, or port of call with any of six engraved images to make the reel one of a kind. PENN Custom Shop reels are built and customized right here in the USA.

Custom Engraving Available

In order for a reel to be truly custom we added engravings as an option. As a result we are proud to offer four popular gamefish, American flag and PENN logo. Choose the custom engraving option to add a boat name or any other text to the sideplate. Each engraving will be sized proportionally for the left sideplate depending on the model purchased. Text color options in gold and black are available.



Anodized Pieces Available

All PENN International V Series Big Game reels consist of four separate parts that can be anodized to match any style. If you have ever wished you could change the colors on a PENN reel to match a boat, now you have that option. You can even mix colors on the reel to make it truly customized. A maximum of any two colors may be chosen per reel.



Ordering Instructions

Orders for customized PENN International reels are placed through authorized PENN Custom Shop retailers and are listed on our website, www.penncustomshop.com. Anglers visit approved retail locations and make all the choices to have the reel customized by simply completing one form. The options for engravings, colors and text are available on the form for anglers to select from.

30 DAY LEAD TIME FROM DATE ORDER IS RECEIVED BY PENN
ASK YOUR ACCOUNT MANAGER FOR DETAILS



Counter Top Display



International Silver
with PENN logo engraving

Gun Smoke
with Sailfish engraving

Solid Black
with Dolphin engraving

Tournament Pink
with USA Flag engraving

American Red
with Tuna engraving

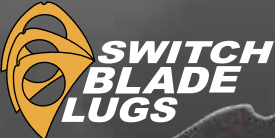
American Blue
with Marlin engraving



Eliminates the question of how much line you have left when fighting a fish. The three lines on the spool flange let you know when you have 1/3rd, 2/3rd, or a full spool of line. Also if you respool often these lines give you a benchmark for backing your superlines with monofilament which will help eliminate wasted time and line.



Easily adjust the clicker to three settings. Heavy, light or off.



Switchblade Harness Lugs give you all the benefits of traditional lugs without the risk of grabbing loose line and potentially breaking off fish. When the lugs are not in use they remain flush with the reel frame, when you need them they easily pop up with the tip of your finger. The other benefit of the proprietary Switchblade harness lugs is basic ergonomics. Let's face it, harness lugs can be uncomfortable when you are palming the reel on the cast or retrieve. If you don't plan to use the lugs then stow them in the down position and you have one of the most ergonomic casting reels on the market. Included on 40 size only.

TORQUE STAR DRAG SERIES • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
TRQ12	360/10 • 260/12 • 230/15	525/15 • 420/20 • 320/30	7+1	25 lbs	6.0:1	28	16.6
TRQ15	320/12 • 280/15 • 190/20	500/20 • 380/30 • 270/50	7+1	25 lbs	6.0:1	28	16.9
TRQ25	320/20 • 290/25 • 220/30	650/30 • 450/50 • 370/65	7+1	25 lbs	5.4:1	29	19.5
TRQ30	440/20 • 300/30 • 250/40	625/50 • 500/65 • 440/80	7+1	25 lbs	4.8:1	32	21.9
TRQ40	350/30 • 300/40 • 220/50	725/50 • 600/65 • 525/80	7+1	25 lbs	4.8:1	32	22.3

• TOPSHOT capacities are located in the Master Capacity Chart.

- Machined and anodized aluminum body and sideplates
 - Lightweight forged aluminum spool
 - Stainless steel main and pinion gear
 - Live spindle with free floating spool
 - Patented Versa-Drag™ system with HT-100™ washers
- 7 sealed stainless steel ball bearings
 - Instant anti-reverse bearing with silent back up ratchet
 - Three Position Adjustable Bait Clicker
 - Switchblade Harness Lugs on 40 size only



The revolutionary Live Spindle™ design is the reason the new Torque Star Drag is the most castable reel in the market place. The improved configuration allows the spool to spin independently of the spindle and pinion gear, which significantly reduces friction experienced from the extreme acceleration of the spool when casting. Other reels using a “fixed spindle” design slow the rotation of the spool and reduce casting distance. Additionally the Live Spindle improves the retrieve of the reel because the spindle and pinion do not need to turn relative to each other during heavy loads, unlike a “fixed spindle” reels that result in a difficult retrieve and erratic drag.

TORQUE LEVER DRAG SERIES • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag @ Strike	Gear Ratio	Line Retrieve (in)	Weight (oz)
TRQ100LD	240/17 • 190/20 • 170/25	310/40 • 270/50 • 220/65	4	27 lbs	6.2:1	32	28.8
TRQ300LD	320/30 • 270/40 • 200/50	550/65 • 470/80 • 400/100	4	32 lbs	6.4:1	48	41.4

• TOPSHOT capacities are located in the Master Capacity Chart.

- Full metal body and sideplate keep precise gear alignment under heavy loads
- Patented Versa-Drag™ system allows for multiple drag settings for various fishing conditions
- HT-100™ drag washers provide smooth drag under heavy loads
- Ratcheted drag lever prevents “drag creep” caused by hours of trolling and vibrations

- Push-To-Turn™ preset knob eliminates accidental changes to the drag
- Disengaging pinion for superior free spool
- 4 shielded stainless steel ball bearings
- Stainless steel reel stand
- Braid Ready to handle the strain that braided lines put on a reel



INTERNATIONAL BAITCAST REEL SERIES • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
965	210/12 • 190/15 • 160/17	420/15 • 340/20 • 260/30	2+1	10 lbs	4.7:1	19	13
975	270/12 • 240/15 • 210/17	440/20 • 330/30 • 270/40	2+1	12 lbs	4.5:1	20	15
975CS	270/12 • 240/15 • 210/17	440/20 • 330/30 • 270/40	2+1	12 lbs	4.5:1	20	15
975CSLD	250/12 • 220/15 • 190/17	410/20 • 300/30 • 250/400	5+1	10 lbs	4.4:1	20	17
975LD	250/12 • 220/15 • 190/17	410/20 • 300/30 • 250/400	5+1	10 lbs	4.4:1	20	18

- Full metal body and sideplates keep precise gear alignment under heavy loads
- HT-100™ drag washers provide smooth drag under heavy loads
- 2 shielded stainless steel ball bearings

- Infinite anti-reverse
- Stainless steel reel stand



FATHOM LEVEL WIND • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
FTH15LW	320/15 • 280/17 • 220/20	575/20 • 440/30 • 300/50	3+1	30 lbs	4.3:1	24	19.2
FTH20LW	320/17 • 260/20 • 230/25	675/20 • 500/30 • 350/50	3+1	30 lbs	4.3:1	24	19.5
FTH25LW	330/20 • 290/25 • 220/30	650/30 • 450/50 • 380/65	3+1	30 lbs	4.3:1	24	20.0
FTH40LW	390/30 • 330/40 • 240/50	825/50 • 675/65 • 575/80	3+1	30 lbs	4.3:1	24	24.3
FTH60LW	440/40 • 320/50 • 280/60	900/65 • 775/80 • 650/100	3+1	30 lbs	4.3:1	24	25.1

• TOPSHOT capacities are located in the Master Capacity Chart.

- Full metal body and sideplates
- Marine-grade bronze alloy main gear
- Precision-machined stainless steel pinion gear
- Patented Versa-Drag™ system with HT-100™ washers

- 3 Shielded stainless steel ball bearings
- Instant anti-reverse bearing with silent back up ratchet
- Stainless steel TIN coated levelwind system
- Reversible Harness Lugs on 40 & 60 sizes





Braid
Ready



BAJA SPECIAL • SPECIFICATIONS					
Model	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
113HN	6	27 lbs	4.3:1	34	28.8
• Machined aluminum frame with reinforced sideplates • Disengaging pinion design for extreme castability • Stainless steel main and pinion gear • 6 stainless steel shielded ball bearings • Stainless steel star drag • "Double Dog" anti-reverse • Adjustable handle arm design with large fighting grip • Reversible harness lugs					

LINE CAPACITY

West Coast:	500yds of 65lb braid, with 50yds 40lb mono topshot
	470yds of 65lb braid, with 50yds 50lb mono topshot
	410yds of 80lb braid, with 50yds 50lb mono topshot
Straight Mono & Braid:	300 yards of 40 pound mono • 350 yards of 30 pound mono
	600 yards of 65 pound braid • 525 yards of 80 pound braid

• TOPSHOT capacities are located in the Master Capacity Chart.

SPECIAL SENATOR • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
112H2	450/20 • 300/30 • 250/40	625/50 • 525/65 • 450/80	2	11 lbs	4.0:1	29	22
113H2	440/30 • 370/40 • 270/50	925/50 • 750/65 • 650/80	2	20 lbs	3.3:1	26	30
113H2LH*	440/30 • 370/40 • 270/50	925/50 • 750/65 • 650/80	2	20 lbs	3.3:1	26	30
113H2SP*	500/35 • 420/46 • 270/61	-	2	20 lbs	3.3:1	26	35
113H2LW*	490/40 • 360/50 • 310/60	1200/50 • 1000/65 • 875/80	2	20 lbs	3.3:1	26	31
114H2	450/50 • 390/60 • 290/80	1250/65 • 1075/80 • 925/100	2	22 lbs	2.9:1	28	45
114H2SP*	825/35 • 700/46 • 450/61	-	2	22 lbs	2.9:1	28	48
114H2LW*	560/50 • 490/60 • 360/80	1350/80 • 1150/100 • 950/130	2	22 lbs	2.9:1	28	48

- TOPSHOT capacities are located in the Master Capacity Chart.
* LH - Left Hand • SP - Brass Spool for Wireline • W - Wide
- Lightweight graphite frame

• Machined and anodized aluminum spool

• Precision-machined stainless steel pinion gear

• High-strength marine grade bronze alloy main gear

• Stainless steel frame rings enhances rigidity to prevent "frame-flex"

• HT-100™ drag washers provide smooth drag under heavy loads

• Multi-disc star drag system for smooth and consistent drag

• 2 shielded stainless steel ball bearings

• Stainless steel reel stand

• Convertible power handle

• Heavy-duty clicker



NEW
SIZE
115L2



SENATOR • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
113L2	650/20 • 440/30 • 370/40	760/65 • 660/80 • 560/100	2	19 lbs	2.0:1	16	27
114L2	725/30 • 450/50 • 390/60	1075/80 • 925/100 • 750/130	2	21 lbs	2.1:1	21	44
115L2	1150/30 • 700/50 • 625/60	1700/80 • 1450/100 • 1200/130	2	23.5 lbs	2.5:1	28	57
116L	1500/60 • 1100/80 • 875/100	4100/80 • 3500/100 • 2900/130	2	30 lbs	2.0:1	29	89

- Machined and anodized aluminum spool

• Precision-machined stainless steel pinion gear

• High-strength marine grade bronze alloy main gear

• Stainless steel frame rings enhances rigidity to prevent "frame-flex"

• HT-100™ drag washers provide smooth drag under heavy loads

• 2 Shielded stainless steel ball bearings

• Multi-disc star drag system for smooth and consistent drag

• Stainless steel reel stand

• Convertible power handle

• Heavy-duty clicker



Versa-Drag

HT-100

LIVE SPINDLE

ADJUST-A-MAG

LINE CAPACITY RINGS

Infinite Anti Reverse



NEW

SQUALL STAR DRAG • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
SQL12	270/12 • 230/15 • 160/20	525/15 • 430/20 • 320/30	6+1	15 lbs	6.0:1	28	14.4
SQL15	280/15 • 240/17 • 190/20	500/20 • 380/30 • 270/50	6+1	15 lbs	6.0:1	28	14.6
535	410/15 • 290/20 • 260/25	750/20 • 575/30 • 470/40	4	9.5 lbs	6.0:1	35	20
545	380/20 • 340/25 • 250/30	750/30 • 600/40 • 525/50	4	13 lbs	6.0:1	40	23
555	400/25 • 300/30 • 250/40	725/40 • 625/50 • 525/65	4	11 lbs	5.3:1	36	24

- Lightweight graphite frame
 - Machined and anodized aluminum spool
 - Externally adjustable magnetic casting brake (SQL12 & SQL15 only)
 - High-strength marine grade bronze alloy main gear
 - Quick high-speed gear ratio
 - Precision-machined stainless steel pinion gear
 - Live spindle with free floating spool (SQL12 & SQL15 only)
- Patented Versa-Drag™ system allows for multiple drag settings for various fishing conditions
 - Shielded stainless steel ball bearings
 - HT-100™ drag washers provide smooth drag under heavy loads
 - Stainless steel reel stand
 - Counter-balanced handle with oversized paddle knob

GRAPH-LITE LEVER DRAG • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag @ Strike	Gear Ratio High/Low	Line Retrieve (in) High/Low	Weight (oz)
GLD20II	675/20 • 450/30 • 380/40	925/50 • 775/65 • 675/80	4	14 lbs	3.8:1 / 2.0:1	32 / 17	40
GLD30II	600/30 • 500/40 • 370/50	1025/65 • 875/80 • 750/100	4	17 lbs	3.8:1 / 2.0:1	32 / 17	43
GLD50II	775/40 • 550/50 • 490/60	1350/80 • 1150/100 • 875/150	4	27 lbs	3.8:1 / 1.7:1	33 / 17	55

- **TOPSHOT** capacities are located in the **Master Capacity Chart**.
 - Quick-Shift™ patented 2-speed system easily shifts into high or low gear
 - Lightweight graphite frame and sideplates
 - Machined and anodized aluminum spool
 - Machine-cut stainless steel gears
- HT-100™ drag washers provide smooth drag under heavy loads
 - 4 shielded stainless steel ball bearings
 - Stainless steel reel stand
 - Braid Ready to handle the strain that braided lines put on a reel

Quick-Shift

HT-100

Braid Ready



GT LEVER DRAG & LEVEL WIND • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
320LD*	380/15 • 270/20 • 180/30	700/20 • 525/30 • 370/50	4	10 lbs	4.3:1	25	21
330LD*	430/20 • 290/30 • 250/40	875/30 • 600/50 • 500/65	4	17 lbs	3.7:1	27	27
310GT2	380/12 • 330/15 • 230/20	600/20 • 460/30 • 375/40	2	11 lbs	4.2:1	22	18
310GT2LC*	380/12 • 330/15 • 230/20	600/20 • 460/30 • 375/40	2	11 lbs	4.2:1	22	19
320GT2	410/15 • 290/20 • 190/30	775/20 • 575/30 • 400/50	2	12 lbs	4.3:1	25	23
320GT2LC*	410/15 • 290/20 • 190/30	775/20 • 575/30 • 400/50	2	12 lbs	4.3:1	25	23.5
321GT2	410/15 • 290/20 • 190/30	775/20 • 575/30 • 400/50	2	12 lbs	4.3:1	25	23
330GT2	450/20 • 330/30 • 250/40	900/30 • 625/50 • 525/65	2	16 lbs	3.6:1	26	27
340GT2	650/20 • 440/30 • 370/40	925/50 • 750/65 • 650/80	2	22 lbs	3.3:1	26	35
345GT2	875/20 • 575/30 • 490/40	1200/50 • 1000/65 • 875/80	2	22 lbs	3.3:1	26	35

- * **LD - Lever Drag** • **LC - Line Counter**
 - Lightweight graphite frame
 - Machined and anodized aluminum spool
 - Built in linecounter for precise depth control (LC models)
 - High-strength marine grade bronze alloy main gear
 - Precision-machined stainless steel pinion gear
- HT-100™ drag washers provide smooth drag under heavy loads
 - Stainless steel level wind
 - Counter-balanced handle with oversized paddle knob
 - Stainless steel reel stand

HT-100

Braid Ready

GTO LEVEL WIND • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	
220GTO	420/15 • 290/20 • 190/30	770/20 • 580/30 • 400/50	2	12 lbs	4.3:1	25	23	
230GTO	460/20 • 300/30 • 260/40	925/30 • 640/50 • 525/65	2	12 lbs	3.6:1	26	27	

- Stainless steel frame rings enhances rigidity to prevent "frame-flex"
- Machined and anodized aluminum spool
- High-strength marine grade bronze alloy main gear
- Precision-machined stainless steel pinion gear
- HT-100™ drag washers provide smooth drag under heavy loads

- 2 shielded stainless steel ball bearings
- Stainless steel reel stand
- Counter-balanced handle with oversized paddle knob



JIGMASTER • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	
500L	450/20 • 300/30 • 250/40	900/30 • 625/50 • 525/65	BUSHING	15 lbs	4.0:1	25	22	
• TOPSHOT capacities are located in the Master Capacity Chart .								

- Lightweight, one-piece, open-top graphite frame
- Quick take-apart frame makes it easy to change spools with different line weights
- Lightweight graphite frame
- High-strength marine grade bronze alloy main gear

- Precision-machined stainless steel pinion gear
- HT-100™ drag washers provide smooth drag under heavy loads
- Stainless steel reel stand
- Counter-balanced handle with oversized paddle knob



LEVEL WIND • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	
9M	250/15 • 220/17 • 180/20	470/20 • 350/30 • 240/50	BUSHING	10 lbs	3.4:1	16	13	
209M	360/17 • 290/20 • 190/30	575/30 • 400/50 • 330/65	BUSHING	10 lbs	3.2:1	19	19	
209MLH*	360/17 • 290/20 • 190/30	575/30 • 400/50 • 330/65	BUSHING	10 lbs	3.2:1	19	19	
209LC*	360/17 • 290/20 • 190/30	575/30 • 400/50 • 330/65	BUSHING	10 lbs	3.2:1	19	19	
309M	450/20 • 300/30 • 250/40	625/50 • 525/65 • 450/80	BUSHING	15 lbs	2.8:1	20	23	

* **LH** - Left Hand • **LC** - Line Counter

- Machined and anodized aluminum spool
- Machine cut brass main gear
- Precision-machined stainless steel pinion gear

- HT-100™ drag washers provide smooth drag under heavy loads
- Stainless steel reel stand
- Counter-balanced handle with oversized paddle knob



SARGUS & PURSUIT BAITCAST REEL • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	
SAR64LP	200/12 • 170/14 • 115/17	310/15 • 200/20 • 180/30	6+1	11.5 lbs	6.4:1	27	9.5	
PUR64LP	200/12 • 170/14 • 115/17	310/15 • 200/20 • 180/30	5+1	11.5 lbs	6.4:1	27	9	

- Corrosion resistant aluminum frame and gear cover
- Machined and anodized aluminum spool
- Machine cut brass main gear
- HT-100™ drag washers provide smooth drag under heavy loads
- 5 Shielded stainless steel ball bearings

- Infinite anti-reverse
- Internally adjustable centrifugal braking system
- Braid Ready to handle the strain that braided lines put on a reel
- **SARGUS** has externally adjustable magnetic brake control



The Torque is available in a bailless model for anglers that prefer manual pick up.

**NEW
SIZES**

TRQS5-BBLS
TRQS7-BBLS
TRQS9-BBLS

TORQUE SPINNING • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
TRQS5-G	340/12 • 300/15 • 210/20	550/20 • 400/30 • 290/50	7+1	38 lbs	5.9:1	38	20.7
TRQS5-B	340/12 • 300/15 • 210/20	550/20 • 400/30 • 290/50	7+1	38 lbs	5.9:1	38	20.7
TRQS5-BBLS	340/12 • 300/15 • 210/20	550/20 • 400/30 • 290/50	7+1	38 lbs	5.9:1	38	19.3
TRQS7-G	490/15 • 340/20 • 300/25	470/50 • 390/65 • 340/80	7+1	41 lbs	5.1:1	40	28.1
TRQS7-B	490/15 • 340/20 • 300/25	470/50 • 390/65 • 340/80	7+1	41 lbs	5.1:1	40	28.1
TRQS7-BBLS	490/15 • 340/20 • 300/25	470/50 • 390/65 • 340/80	7+1	41 lbs	5.1:1	40	26.7
TRQS9-G	490/20 • 440/25 • 330/30	575/65 • 490/80 • 425/100	7+1	50 lbs	5.1:1	50	30.3
TRQS9-B	490/20 • 440/25 • 330/30	575/65 • 490/80 • 425/100	7+1	50 lbs	5.1:1	50	30.3
TRQS9-BBLS	490/20 • 440/25 • 330/30	575/65 • 490/80 • 425/100	7+1	50 lbs	5.1:1	50	28.9

• **TOPSHOT** capacities are located in the **Master Capacity Chart**.

Model # - G - denotes gold/silver cosmetic, B - denotes black/gold cosmetic, BBLS - Bailless version

- Full metal body
 - One piece machined aluminum frame
 - Forged and machined aluminum spool, sideplates, and one piece handle arm
 - Fully sealed gearbox and drag system
 - Oversize HT-100 Versa-Drag system
 - Integral clutch sleeve eliminates any back play during hook set
- 7 sealed stainless steel ball bearings
 - Machine-cut marine grade bronze main gear
 - Hardened stainless steel pinion gear
 - High strength 100% stainless steel bail system
 - Innovative bail trip switch allows the angler to choose between manual and auto mode



UPPER SEAL

HT-100 DRAG MATERIAL

HT-100 DRAG MATERIAL

HT-100 DRAG MATERIAL

LOWER SEAL

Oversized HT-100 Versa Drag™ system allows the angler to quickly select multiple drag settings for just about any fishing situation and provides smooth drag under heavy loads.



The bail trip switch is located on the rotor and allows the angler to select between automatic and manual bail trip functions.

EAS™

ETERNAL ALLOY

SUPERLINE SPOOL

HT-100

Braid Ready

Infinite AR And Reverse

Techno-Balanced

Leveline



NEW
SIZE
CQR8000

A

SUPERLINE SPOOL

No backing needed because the rubber gasket keeps superline from slipping

B

ETERNAL ALLOY

Eternal Alloy is a revolutionary material that provides performance far exceeding any other material. Its unique atomic structure is impervious to any performance robbing corrosion, bumps, scratches, stresses, and dings that extreme fishing conditions can dish out. Eternal Alloy's strength and hardness are more than twice that of a typical titanium alloy. It is 3 times harder than steel and 6 times harder than aluminum. Unlike coatings which are placed over materials with weaker properties that eventually cause failure, Eternal Alloy parts are Eternal Alloy all the way through. The extreme strength and hardness of the Eternal Alloy spool lip prevents dents and nicks that decrease casting distance and damage line. There's no limit to how long Eternal Alloy parts can last....



CONQUER SPINNING • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
CQR2000	185/6 • 130/8 • 110/10	250/8 • 210/10 • 180/15	10+1	12 lbs	5.1:1	28	9.9
CQR4000	210/10 • 180/12 • 160/14	325/10 • 280/15 • 180/20	10+1	19 lbs	5.8:1	32	11.1
CQR5000	250/12 • 205/14 • 150/20	350/15 • 250/20 • 200/30	10+1	22 lbs	4.8:1	31	14.6
CQR7000	325/14 • 250/17 • 230/20	400/20 • 325/30 • 250/50	10+1	32 lbs	4.8:1	37	18.1
CQR8000	390/17 • 310/20 • 270/25	600/30 • 420/50 • 350/65	10+1	32 lbs	4.7:1	40	23.4

- EAS™ - Easy Access System allows maintenance hatch to be lowered to access key internal parts for lubrication
 - Eternal Alloy™ - The spool lip is made from a proprietary metal that resists dents and scratches, which maintains casting distance over the life of the reel
 - Superline Spool™ - No backing needed because of the rubber gasket keeps superline from slipping
 - Patented one-piece machined aluminum gear box
- Forged, machined, and anodized aluminum spool
 - Machine-cut alloy main gear
 - HT-100™ drag washers provide smooth drag under heavy loads
 - 10 shielded stainless steel ball bearings
 - Infinite anti-reverse
 - Braid Ready to handle the strain that braided lines put on a reel
 - Friction trip ramp prevents premature bail trip when casting

C

EAS™

The EAS™ (Easy Access System) is the most innovative maintenance feature ever introduced in a spinning reel. By simply backing out one screw on the stem of the reel, the rear hatch opens and gives full access to the gearbox. Now you are able to grease gears and oil bearings in a matter of seconds. All parts are contained within the gear box so you won't have to worry about any parts falling out, which makes this system extremely easy to use. The EAS™ makes maintaining your reel easy, and the more you maintain your reels the longer they'll last.



SLAMMER SPINNING • SPECIFICATIONS							
Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
260	290/6 • 190/8 • 160/10	320/10 • 240/15 • 190/20	5+1	11 lbs	5.1:1	25	12.2
360	290/8 • 240/10 • 180/12	470/10 • 350/15 • 290/20	5+1	10 lbs	5.1:1	28	12.9
460	320/10 • 240/12 • 210/15	470/15 • 380/20 • 290/30	5+1	14 lbs	4.6:1	27	19.4
460L*	320/10 • 240/12 • 210/15	470/15 • 380/20 • 290/30	5+1	14 lbs	4.6:1	27	19.7
560	310/12 • 270/15 • 190/20	500/20 • 380/30 • 260/50	5+1	15 lbs	4.6:1	30	19.9
560L*	310/12 • 270/15 • 190/20	500/20 • 380/30 • 260/50	5+1	15 lbs	4.6:1	30	20.7
760	340/20 • 300/25 • 230/30	675/30 • 470/50 • 390/65	6+1	20 lbs	4.7:1	38	26.8
760L*	340/20 • 300/25 • 230/30	675/30 • 470/50 • 390/65	6+1	20 lbs	4.7:1	38	28
* L - Live Liner feature for live bait fishing							
• Full metal body and sideplate keep precise gear alignment under heavy loads • Machined and anodized aluminum spool • Machine-cut alloy main gear • Triple-supported and oversized stainless steel main shaft for uncompromising strength and alignment • Oversized HT-100™ drag washers provide smooth drag under heavy loads			• Shielded stainless steel ball bearings • Infinite anti-reverse • Techno-balanced™ rotor gives smooth retrieves • Penn Leveline® wrap system • Braid Ready to handle the strain that braided lines put on a reel • Machined and anodized aluminum handle with soft touch knob				

SPINFISHER SSg • SPECIFICATIONS

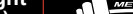
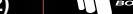
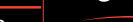
Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
420SSg	185/2 • 150/4 • 120/6	180/6 • 150/8 • 130/10	5+1	6.5 lbs	5.3:1	21	7.8
430SSg	300/4 • 240/6 • 160/8	300/8 • 260/10 • 200/15	5+1	7 lbs	5.1:1	26	9.8
440SSg	260/8 • 220/10 • 160/12	420/10 • 320/15 • 260/20	5+1	10 lbs	5.1:1	29	14.3
450SSg	300/10 • 220/12 • 190/15	440/15 • 360/20 • 270/30	5+1	13 lbs	4.6:1	28	15.6
550SSg	370/10 • 270/12 • 240/15	550/15 • 440/20 • 325/30	5+1	15 lbs	4.6:1	29	15.9
• Lightweight graphite frame and sideplates • Machined and anodized aluminum spool • Machine-cut alloy main gear • Stainless steel main shaft • HT-100™ drag washers provide smooth drag under heavy loads			• 5 shielded stainless steel ball bearings • Infinite anti-reverse • Techno-balanced™ rotor gives smooth retrieves • Penn Leveline® wrap system • Machined and anodized aluminum handle with soft touch knob				



SPINFISHER SSm • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)
650SSm	360/12 • 320/15 • 220/20	575/20 • 440/30 • 300/50	5+1	10 lbs	4.7:1	34	24
750SSm	420/15 • 290/20 • 260/25	575/30 • 400/50 • 340/65	5+1	11 lbs	4.6:1	36	25.7
850SSm	380/20 • 340/25 • 250/30	750/30 • 525/50 • 440/65	5+1	11 lbs	4.6:1	40	27.1
950SSm	450/25 • 340/30 • 290/40	700/50 • 575/65 • 500/80	5+1	15 lbs	4.2:1	38	34.5
• Full metal body and sideplate keep precise gear alignment under heavy loads • Machined and anodized aluminum spool • Machine-cut alloy main gear • Stainless steel main shaft • HT-100™ drag washers provide smooth drag under heavy loads • 5 shielded stainless steel ball bearings			• Infinite anti-reverse • Techno-balanced™ rotor gives smooth retrieves • Penn Leveline® wrap system • Machined and anodized aluminum handle with soft touch knob • Oversized ergonomic power knob on 850SSm & 950SSm				

BATTLE • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	
BTL2000	260/4 • 210/6 • 140/8	260/8 • 225/10 • 170/15	6+1	7 lbs	6.2:1	29	9.6	
BTL3000	250/6 • 170/8 • 140/10	275/10 • 205/15 • 170/20	6+1	10 lbs	6.2:1	31	11.6	
BTL4000	280/8 • 230/10 • 170/12	335/15 • 275/20 • 205/30	6+1	13 lbs	6.2:1	34	12.6	
BTL5000	250/12 • 220/15 • 190/17	405/20 • 305/30 • 250/40	6+1	20 lbs	5.6:1	37	20.3	
BTL6000	320/15 • 280/17 • 220/20	445/30 • 365/40 • 310/50	6+1	20 lbs	5.6:1	39	21.8	
BTL7000	390/17 • 310/20 • 280/25	505/40 • 430/50 • 360/65	6+1	25 lbs	5.3:1	39	27.8	
BTL8000	390/20 • 350/25 • 260/30	550/50 • 450/65 • 390/80	6+1	25 lbs	5.3:1	41	29.2	

- Full metal body and sideplate keep precise gear alignment under heavy loads
- Superline Spool™ - No backing needed because of the rubber gasket keeps superline from slipping
- Machined and anodized aluminum spool
- HT-100™ drag washers provide smooth drag under heavy loads
- Stainless steel main shaft
- 6 sealed stainless steel ball bearings
- Infinite anti-reverse
- Techno-balanced™ rotor gives smooth retrieves
- Machined and anodized aluminum handle with soft touch knob



FIERCE • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	
FRC2000	260/4 • 210/6 • 140/8	260/8 • 225/10 • 170/15	4+1	7 lbs	6.2:1	29	8.8	  
FRC3000	250/6 • 170/8 • 140/10	275/10 • 205/15 • 170/20	4+1	10 lbs	6.2:1	31	11.7	
FRC4000	280/8 • 230/10 • 170/12	335/15 • 275/20 • 205/30	4+1	13 lbs	6.2:1	34	12.5	
FRC5000	250/12 • 220/15 • 190/17	405/20 • 305/30 • 250/40	4+1	20 lbs	5.6:1	37	19.0	
FRC6000	320/15 • 280/17 • 220/20	445/30 • 365/40 • 310/50	4+1	20 lbs	5.6:1	39	20.6	
FRC7000	390/17 • 310/20 • 280/25	505/40 • 430/50 • 360/65	4+1	25 lbs	5.3:1	39	26.4	
FRC8000	390/20 • 350/25 • 260/30	550/50 • 450/65 • 390/80	4+1	25 lbs	5.3:1	41	27.4	

- Full metal body and sideplate keep precise gear alignment under heavy loads
- Machined and anodized aluminum spool
- Stainless steel main shaft
- 4 stainless steel ball bearings
- Infinite anti-reverse
- Techno-balanced™ rotor gives smooth retrieves
- Machined and anodized aluminum handle with soft touch knob



SARGUS • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	
SG2000	260/4 • 210/6 • 140/8	260/8 • 225/10 • 170/15	5+1	7 lbs	6.2:1	29	9.1	
SG3000	250/6 • 170/8 • 140/10	275/10 • 205/15 • 170/20	5+1	10 lbs	6.2:1	31	11.6	
SG4000	280/8 • 230/10 • 170/12	335/15 • 275/20 • 205/30	5+1	13 lbs	6.2:1	34	12.6	
SG5000	250/12 • 220/15 • 190/17	405/20 • 305/30 • 250/40	5+1	20 lbs	5.6:1	37	20.3	
SG6000	320/15 • 280/17 • 220/20	445/30 • 365/40 • 310/50	5+1	20 lbs	5.6:1	39	21.8	
SG7000	390/17 • 310/20 • 280/25	505/40 • 430/50 • 360/65	5+1	25 lbs	5.3:1	39	27.8	
SG8000	390/20 • 350/25 • 260/30	550/50 • 450/65 • 390/80	5+1	25 lbs	5.3:1	41	29.2	

- Full metal body and sideplate keep precise gear alignment under heavy loads
- Machined and anodized aluminum spool
- Stainless steel main shaft
- 5 sealed stainless steel ball bearings
- Infinite anti-reverse
- Techno-balanced™ rotor gives smooth retrieves
- Machined and anodized aluminum handle with soft touch knob



PURSUIT • SPECIFICATIONS

Model	Mono Cap. (yds/lb)	Braid Cap. (yds/lb)	Bearings	Max Drag	Gear Ratio	Line Retrieve (in)	Weight (oz)	Braid Ready
PUR3000	250/6 • 170/8 • 140/10	275/10 • 205/15 • 170/20	4+1	10 lbs	5.2:1	25	11.9	
PUR4000	280/8 • 230/10 • 170/12	335/15 • 275/20 • 205/30	4+1	13 lbs	5.2:1	28	12.9	
PUR5000	250/12 • 220/15 • 190/17	405/20 • 305/30 • 250/40	4+1	20 lbs	4.6:1	27	19.1	
PUR6000	320/15 • 280/17 • 220/20	445/30 • 365/40 • 310/50	4+1	20 lbs	4.6:1	27	21.0	
PUR7000	390/17 • 310/20 • 280/25	505/40 • 430/50 • 360/65	4+1	25 lbs	4.3:1	29	26.1	
PUR8000	390/20 • 350/25 • 260/30	550/50 • 450/65 • 390/80	4+1	25 lbs	4.3:1	31	27.4	

- Lightweight and corrosion-resistant graphite body
- Aluminum sideplate
- Machined and anodized aluminum spool
- Machine-cut alloy main gear
- 4+1 shielded stainless steel ball bearings
- Techno-balanced™ rotor gives smooth retrieves





INTERNATIONAL V • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Guides + Tip	Type of Guides	Handle	Rod Butt
5030	6'10"	1	30 lbs	5+1	Aftco Roller	E	Aluminum
5050	6'10"	1	50 lbs	5+1	Aftco Roller	E	Aluminum
5070	6'10"	1	70 lbs	5+1	Aftco Roller	E	Aluminum
5080	6'11"	1	80 lbs	5+1	Aftco Roller	F	Aluminum
5080B	7'3"	1	80 lbs	5+1	Aftco Roller	G	Aluminum
5130B	7'8"	1	130 lbs	5+1	Aftco Roller	G	Aluminum
VS3080ARA56	5'6"	1	30-80 lbs	5+1	Aftco Roller	B	Aluminum
VS3080ARA60	6'0"	1	30-80 lbs	6+1	Aftco Roller	B	Aluminum
VS5010ARA56	5'6"	1	50-100 lbs	5+1	Aftco Roller	B	Aluminum
VS5010ARA60	6'0"	1	50-100 lbs	6+1	Aftco Roller	B	Aluminum
VS5010AWA60	6'0"	1	50-100 lbs	4+1	Aftco Windon Roller	C	Aluminum/Detachable
VS8013AWA60	6'0"	1	80-130 lbs	4+1	Aftco Windon Roller	C	Aluminum/Detachable
VS2040RS60	6'0"	1	20-40 lbs	7+1	Aftco Roller/Pac Bay Turbo	A	Slick Butt
VS3080RS56	5'6"	1	30-80 lbs	6+1	Aftco Roller/Pac Bay Turbo	A	Slick Butt
VS3080RS60	6'0"	1	30-80 lbs	7+1	Aftco Roller/Pac Bay Turbo	A	Slick Butt
VS5010RS56	5'6"	1	50-100 lbs	6+1	Aftco Roller/Pac Bay Turbo	A	Slick Butt
VS5010RS60	6'0"	1	50-100 lbs	6+1	Aftco Roller/Pac Bay Turbo	A	Slick Butt
VS3080TS60	6'0"	1	30-80 lbs	7+1	Pac Bay Turbo	A	Slick Butt
VS5010TS60	6'0"	1	50-100 lbs	7+1	Pac Bay Turbo	A	Slick Butt
IK39 - Kite Rod	39"	1	-	0+1	Hard Chrome Stainless Steel	D	Slick Butt

- 1 piece hollow e-glass construction
- Aftco roller guides (select models)
- Pac Bay turbo guides (select models)
- EVA fore grips
- Stuart Aluminum straight butt section (Bent butt designated as B)
- Aluminum gimbal

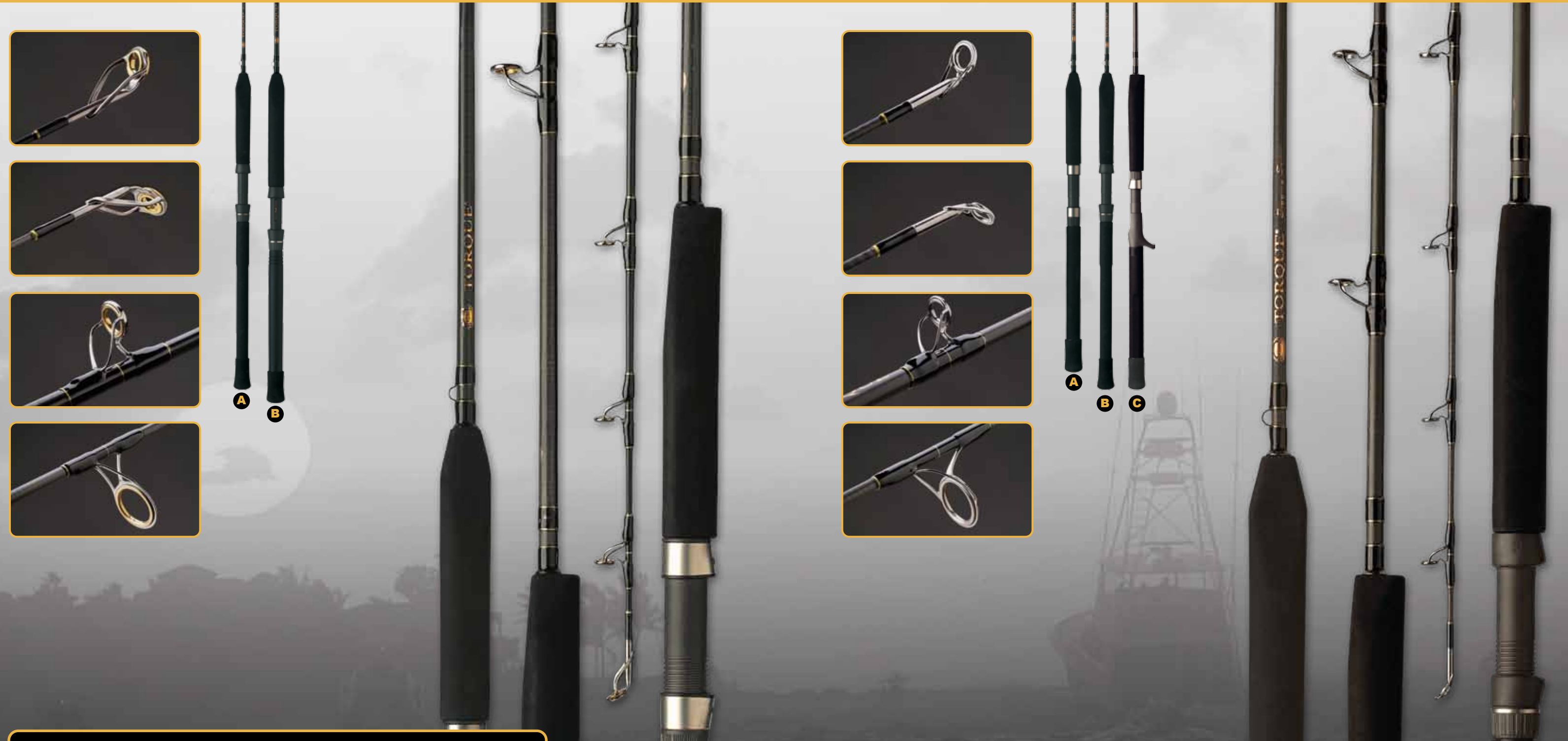


TUNA STICK RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Guides + Tip	Type of Guides	Gimbal
TS3080ARA56	5'6"	1	30-80lb	5+1	Aftco	Aluminum
TS5010ARA56	5'6"	1	50-100lb	5+1	Aftco	Aluminum
TS3080ARA60	6'0"	1	30-80lb	6+1	Aftco	Aluminum
TS5010ARA60	6'0"	1	50-100lb	6+1	Aftco	Aluminum

- 1-Piece tubular glass blank with solid tip
- Aftco roller guides - Aftco guides provide frictionless motion on all types of line
- Stuart aluminum reel seat - Stuart components provide increased strength and aluminum butts allow for easy access in and out of a rod holder
- EVA fore grips
- Stuart Aluminum straight butt section
- Aluminum gimbal with cover, designed to prevent corrosion





TORQUE RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Guides + Tip	Type of Guides	Handle	Gimbal
TG1530S70	7'0"	1	15-30 lbs	7+1	Pac Bay	A	Aluminum
TG2040S70	7'0"	1	20-40 lbs	7+1	Pac Bay	B	Aluminum
TG1220C66	6'6"	1	12-20 lbs	7+1	Pac Bay	A	Aluminum
TG1220C70	7'0"	1	12-20 lbs	8+1	Pac Bay	A	Aluminum
TG1530C70	7'0"	1	15-30 lbs	8+1	Pac Bay	A	Aluminum
TG2040C66	6'6"	1	20-40 lbs	7+1	Pac Bay	B	Aluminum
TG2040C70	7'0"	1	20-40 lbs	8+1	Pac Bay	B	Aluminum
TG3080C66	6'6"	1	30-80 lbs	7+1	Pac Bay	B	Aluminum

- TRC™ - Torque Rod Construction provides a spiral wrapped graphite core for added strength
 - Pac Bay Stainless Steel Titanium coated guides are coated to withstand the strains of today's braided lines
- Fuji® heavy duty graphite reel seat
 - Triangular shaped EVA fore grips
 - Slick butt (select models)
 - Aluminum gimbal with cover



TORQUE JIGGING RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Lure Weight	Guides + Tip	Type of Guides	Handle	Gimbal	Reel Seat
TJ2050S70	7'0"	1	20-50 lbs Braid	1-4oz, 30-112g	7+1	Pac Bay	A	-	Fuji® DPS
TJ3080S66	6'6"	1	30-80 lbs Braid	2-5oz, 60-140g	8+1	Pac Bay	A	-	Fuji® DPS
TJ6510S64	6'4"	1	65-100 lbs Braid	5-8oz, 140-224g	7+1	Pac Bay	B	Aluminum	Fuji® DPSH
TJ8013S60	6'0"	1	80-130 lbs Braid	6-10oz, 170-280g	6+1	Pac Bay	B	Aluminum	Fuji® DPSH
TJ3080C66	6'6"	1	30-80 lbs Braid	2-5oz, 60-140g	8+1	Pac Bay	C	Aluminum	Fuji® Palm Support
TJ5010C66	6'6"	1	50-100 lbs Braid	4-7oz, 112-200g	8+1	Pac Bay	C	Aluminum	Fuji® Palm Support
TJ6510C62	6'2"	1	65-100 lbs Braid	5-8oz, 140-224g	8+1	Pac Bay	C	Aluminum	Fuji® Palm Support
TJ8013C58	5'8"	1	80-130 lbs Braid	6-10oz, 170-280g	8+1	Pac Bay	C	Aluminum	Fuji® Palm Support

- TRC™ - Torque Rod Construction provides a spiral wrapped graphite core for added strength
- Pac Bay Stainless Steel Titanium coated guides are coated to withstand the strains of today's braided lines
- Fuji® reel seat give an angler increased strength and corrosion resistance
- Triangular shaped EVA fore grips
- Aluminum gimbal with cover (select models)



SENATOR RODS

POWER STICK RODS

MARINER STANDUP RODS

MARINER BOAT RODS

SENATOR RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Guides + Tip	Type of Guides	Gimbal	• 1-Piece tubular glass blank with solid tip • Chrome plated guides between Aftco roller stripper and roller tip - Aftco guides provide frictionless motion on all types of line • Aluminum gimbal with cover, designed to prevent corrosion • Machine aluminum reel seat • EVA fore grips • Slick butt 
3135RS	6'6"	1	20-40lb	5+1	Aftco	Aluminum	
3145RS	6'6"	1	30-50lb	5+1	Aftco	Aluminum	
3165RS	6'6"	1	40-60lb	5+1	Aftco	Aluminum	
3195RS	6'6"	1	50-80lb	5+1	Aftco	Aluminum	

POWER STICK RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Guides + Tip	Type of Guides	Gimbal	• 1-Piece tubular glass blank with solid tip • Stainless steel guides with aluminum oxide inserts (select models) • Chrome plated guides (select models) • Carbide guides (P2050C66WL) • EVA grips (select models) • Graphite gimbal with cover (select models)
PS4811	7'0"	1	12-30 lbs	7+1	AX Spinning	-	
PS4821	7'0"	1	15-30 lbs	7+1	AX Spinning	Graphite	
PC6661MH	6'6"	1	15-40 lbs	8+1	Chrome Ring	-	
P1540C66T	6'6"	1	15-40 lbs	6+1	AX Turbo	Graphite	
PC3661MH	6'6"	1	20-50 lbs	6+1	AX Conventional	Graphite	
PC3723	7'0"	1	15-40 lbs	7+1	AX Conventional	-	
PC3866	6'6"	1	15-40 lbs	8+1	AX Conventional	-	
PC3801	7'0"	1	12-25 lbs	8+1	AX Conventional	Graphite	
P4080C76T	7'6"	1	40-80 lbs	6+1	AX Conventional	Graphite	
PC3811	7'0"	1	12-30 lbs	8+1	AX Conventional	Graphite	
PC3821	7'0"	1	15-40 lbs	8+1	AX Conventional	Graphite	
P2050C66WL	6'6"	1	20-50 lbs	4+1	Carbide	Graphite	

MARINER STANDUP RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Guides + Tip	Type of Guides	Gimbal	• 1-Piece glass blank • Stuart roller stripper and roller tip guides (select models) • Turbo frame with aluminum oxide inserts • EVA fore grips • Slick butt • Aluminum gimbal with cover, designed to prevent corrosion 
MSU1220S70	7'0"	1	12-20lb	7+1	AX Spinning	Aluminum	
MSU1530S70	7'0"	1	15-30lb	7+1	AX Spinning	Aluminum	
MSU2040S70	7'0"	1	20-40lb	7+1	AX Spinning	Aluminum	
530CMST	5'6"	1	20-50lb	5+1	AX Turbo	Aluminum	
MSU2050RS56	5'6"	1	20-50lb	5+1	Stuart Roller/AX Turbo	Aluminum	
630CMST	6'0"	1	20-50lb	6+1	AX Turbo	Aluminum	
MSU2050RS60	6'0"	1	20-50lb	6+1	Stuart Roller/AX Turbo	Aluminum	
MSU2050C66	6'6"	1	20-50lb	6+1	AX Turbo	Aluminum	
MSU2050C70	7'0"	1	20-50lb	7+1	AX Turbo	Aluminum	
560CHST	5'6"	1	30-80lb	5+1	AX Turbo	Aluminum	
MSU3080RS56	5'6"	1	30-80lb	5+1	Stuart Roller/AX Turbo	Aluminum	
660CHST	6'0"	1	30-80lb	6+1	AX Turbo	Aluminum	
MSU3080RS60	6'0"	1	30-80lb	6+1	Stuart Roller/AX Turbo	Aluminum	
580CHST	5'6"	1	50-100lb	5+1	AX Turbo	Aluminum	
MSU5010RS56	5'6"	1	50-100lb	5+1	Stuart Roller/AX Turbo	Aluminum	

MARINER BOAT RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Guides + Tip	Type of Guides	Gimbal	• 1-Piece solid glass blank • Roller stripper and roller tip guides (MB3080C56) • Graphite reel seat • Machined aluminum reel seat (MB3080C56) • Stainless steel guides with aluminum oxide inserts • EVA grips • Aluminum gimbal with cover (MB3080C56)
MB1025S56	5'6"	1	10-25lb	4+1	AX Spinning	-	
MB1530S60	6'0"	1	15-30lb	5+1	AX Spinning	-	
MB1530S70	7'0"	1	15-30lb	5+1	AX Spinning	-	
MB2050S66	6'6"	1	20-50lb	5+1	AX Spinning	-	
MB1025C56	5'6"	1	10-25lb	4+1	AX Conventional	-	
MB1530C60	6'0"	1	15-30lb	5+1	AX Conventional	-	
MB1530C66	6'6"	1	15-30lb	5+1	AX Conventional	-	
MB2050C66	6'6"	1	20-50lb	5+1	AX Conventional	-	
MB3080C56	5'6"	1	30-80lb	6+1	Aftco Roller/AX Turbo	Aluminum	

ALLIANCE INSHORE RODS

TORQUE SURF RODS

POWER STICK SURF RODS

SPINFISHER SURF RODS

NEW

NEW

ALLIANCE INSHORE RODS • SPECIFICATIONS

Model	Length	Action	Pieces	Line Weight	Lure Weight	Guides + Tip	Type of Guides
ALLIN612S69	6'9"	Fast	1	6-12 lb. Mono / 6-15 lb. Braid	1/16 - 1/2 oz.	7+1	AX
ALLIN815S70	7'0"	Xtra Fast	1	8-15 lb. Mono / 8-20 lb. Braid	1/4 - 5/8 oz.	7+1	AX
ALLIN815S73	7'3"	Xtra Fast	1	8-15 lb. Mono / 8-20 lb. Braid	1/4 - 5/8 oz.	8+1	AX
ALLIN1017S70	7'0"	Xtra Fast	1	10-17 lb. Mono / 10-30 lb. Braid	3/8 - 3/4 oz.	7+1	AX
ALLIN1017S76	7'6"	Xtra Fast	1	10-17 lb. Mono / 10-30 lb. Braid	3/8 - 3/4 oz.	8+1	AX
ALLIN1220S70	7'0"	Fast	1	12-20 lb. Mono / 20-40 lb. Braid	1/2 - 1 oz.	7+1	AX
ALLIN1530S70	7'0"	Fast	1	15-30 lb. Mono / 20-50 lb. Braid	5/8 - 1 1/2 oz.	7+1	AX
ALLIN815C70	7'0"	Fast	1	8-15 lb. Mono / 8-20 lb. Braid	1/4 - 5/8 oz.	8+1	AX
ALLIN1017C70	7'0"	Xtra Fast	1	10-17 lb. Mono / 10-30 lb. Braid	3/8 - 3/4 oz.	8+1	AX
ALLIN1530C70	7'0"	Fast	1	15-30 lb. Mono / 20-50 lb. Braid	5/8 - 1 1/2 oz.	8+1	AX

- 100% graphite blank for incredible strength and sensitivity
 - Fuji aluminum oxide guides
- Graphite reel seat
 - Contoured EVA grips



TORQUE SURF RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Lure Weight	Guides + Tip	Type of Guides
TS1220S80	8'0"	2	12 - 20 lb. Mono / 17-30 lb. Braid	3/4 - 3 oz.	6+1	Pac Bay
TS1220S90	9'0"	2	12 - 20 lb. Mono / 17-30 lb. Braid	3/4 - 3 oz.	6+1	Pac Bay
TS1530S10	10'0"	2	15 - 30 lb. Mono / 20-50 lb. Braid	1 - 5 oz.	6+1	Pac Bay
TS1530S11	11'0"	2	15 - 30 lb. Mono / 20-50 lb. Braid	2 - 6 oz.	7+1	Pac Bay
TS2040S12	12'0"	2	20- 40 lb. Mono / 30-65 lb. Braid	4 - 10 oz.	7+1	Pac Bay
TS1220C10	10'0"	2	12-20 lb. Mono / 17-30 lb. Braid	1 - 4 oz.	8+1	Pac Bay
TS1530C11	11'0"	2	15 - 30 lb. Mono / 20-50 lb. Braid	2 - 6 oz.	8+1	Pac Bay
TS2040C12	12'0"	2	20- 40 lb. Mono / 30-65 lb. Braid	4 - 10 oz.	8+1	Pac Bay

- TRC™ Torque Rod Construction 100% Graphite Rod
 - Pac Bay Stainless Steel Titanium coated guides
- Fuji® reel seat
 - Cork tape grips



POWER STICK SURF RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Lure Weight	Guides + Tip	Type of Guides
PSS1220S80	8'0"	2	12-20 lbs	1/4-2 oz	4+1	AX
PSS1220S90	9'0"	2	12-20 lbs	1-5 oz	4+1	AX
PSS1530S10	10'0"	2	15-30 lbs	2-6 oz	4+1	AX
PSS1530S11	11'0"	2	15-30 lbs	3-6 oz	4+1	AX
PSS2040S12	12'0"	2	20-40 lbs	4-8 oz	5+1	AX

- 2-Piece graphite tubular blank
- Aluminum oxide spinning guides
- Graphite reel seat
- Cork tape grips

SPINFISHER SURF RODS • SPECIFICATIONS

Model	Length	Pieces	Line Weight	Lure Weight	Guides + Tip	Type of Guides
SBG9808	8'0"	2	12-20 lbs	3/4-3 oz	4+1	AX
SBG9809	9'0"	2	12-20 lbs	1-5 oz	4+1	AX
SBG9810	10'0"	2	15-30 lbs	3-6 oz	4+1	AX
SBG9811MH	11'0"	2	15-30 lbs	3-6 oz	4+1	AX
SBG9812H	12'0"	2	20-40 lbs	3-6 oz	5+1	AX

- 2-Piece graphite tubular blank (except SBG9807)
- Aluminum oxide spinning guides
- Graphite reel seat
- EVA grips



SENATOR COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
91330	113H2	440yds/30lb	SL2050C66	6'6"	1	20-50 lb
91313	113H2	440yds/30lb	SL2050CR66	6'6"	1	20-50 lb
91332	113H2	440yds/30lb	SL2050C66T	6'6"	1	20-50 lb
91464	114H2	450yds/50lb	SL3080C66	6'6"	1	30-80 lb
91414	114H2	450yds/50lb	SL3080CR66	6'6"	1	30-80 lb

Special Senator Reel

- Lightweight graphite frame
- Machined and anodized aluminum spool
- Stainless steel frame rings enhances rigidity to prevent "frame-flex"
- High-strength marine grade bronze alloy main gear
- HT-100™ drag washers provide smooth drag under heavy loads
- 2 shielded stainless steel ball bearings

Slammer Rod

- 1-Piece tubular graphite composite blank
- Graphite reel seat
- EVA grips
- Aluminum gimbal with cover



GT LEVEL WIND COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
93230	320GT2	290yds/20lb	SL2050C66	6'6"	1	20-40 lb
93288	320GT2	290yds/20lb	P1020GL86	8'6"	2	10-20 lb
93212	320GT2	290yds/20lb	SL1230C70	7'0"	1	12-30 lb
93330	330GT2	330yds/30lb	SL2050C66	6'6"	1	20-50 lb
93350	330GT2	330yds/30lb	SL2050CR66	6'6"	1	20-50 lb
93331	330GT2	330yds/30lb	SL3080C66	6'6"	1	30-80 lb

GT Level Wind Reel

- Lightweight graphite frame
- Machined and anodized aluminum spool
- High-strength marine grade bronze alloy main gear
- HT-100™ drag washers provide smooth drag under heavy loads
- 2 shielded stainless steel ball bearings

Slammer Rod

- Tubular graphite composite blank
- Graphite reel seat
- EVA grips
- Graphite gimbal with cover
- 93288 uses **Power Stick** rod

GT LINECOUNTERS COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
9310LC80CB	310GT2LC	330yds/15lb	PD3880	8'0"	2	10-20 lb
9320LC86CB	320GT2LC	290yds/20lb	P1020GL86	8'6"	2	10-20 lb

GT Linecounter Reel

- Built in linecounter for precise depth control
- Lightweight graphite frame
- Machined and anodized aluminum spool
- High-strength marine grade bronze alloy main gear
- HT-100™ drag washers provide smooth drag under heavy loads
- 2 shielded stainless steel ball bearings

Power Stick Rod

- 2-Piece graphite tubular blank
- Integrated Solid Tip (IST) Construction
- Graphite reel seat
- EVA grips



GTO COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
92206	220GTO	290yds/20lb	SL2050C66	6'6"	1	20-50 lb
92207	220GTO	290yds/20lb	SL1230C70	7'0"	1	12-30 lb
92209	220GTO	290yds/20lb	SL1540C60	6'0"	1	15-40 lb
92360	230GTO	300yds/30lb	SL1540C60	6'0"	1	15-40 lb
92366	230GTO	300yds/30lb	SL2050C66	6'6"	1	20-50 lb

GTO Reel

- Stainless steel frame rings enhances rigidity to prevent "frame-flex"
- Machined and anodized aluminum spool
- High-strength marine grade bronze alloy main gear
- HT-100™ drag washers provide smooth drag under heavy loads
- 2 Shielded stainless steel ball bearings

Slammer Rod

- 1-Piece tubular graphite composite blank
- Graphite reel seat
- EVA grips
- Graphite gimbal with cover

JIGMASTER COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
95011	500L	300yds/30lb	SL1740C70CR	7'0"	1	17-40 lb

Jigmaster Reel

- Lightweight, one-piece, open-top graphite frame
- Lightweight graphite frame
- Machined and anodized aluminum spool
- High-strength marine grade bronze alloy main gear
- HT-100™ drag washers provide smooth drag under heavy loads

Slammer Rod

- 1-Piece tubular graphite composite blank
- Graphite reel seat
- EVA grips
- Graphite gimbal with cover

LEVEL WIND COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
90960	209M	290yds/20lb	MB1530C60	6'0"	1	15-30 lb
93930	309M	300yds/30lb	MB2050C66	6'6"	1	20-50 lb

Level Wind Reel

- Lightweight graphite frame
- Machined and anodized aluminum spool
- Machine cut brass main gear
- HT-100™ drag washers provide smooth drag under heavy loads

Mariner Rod

- 1-Piece solid glass blank
- Graphite reel seat
- EVA grips

SPINFISHER COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
94486	440SSg	220yds/10lb	SL612S66	6'6"	1	6-12 lb
94487	440SSg	220yds/10lb	SL612S70	7'0"	1	6-12 lb
95587	550SSg	270yds/12lb	SL817S70	7'0"	1	8-17 lb
95517	550SSg	270yds/12lb	SL1020S70F	7'0"	1	10-20 lb
96517	650SSm	320yds/15lb	SL1220S70F	7'0"	1	12-20 lb
97517	750SSm	290yds/20lb	SL1530S70F	7'0"	1	15-30 lb
98517	850SSm	340yds/25lb	SL1530S70F	7'0"	1	15-30 lb

- Spinfisher Reel**

 - Machined and anodized aluminum spool
 - Machine-cut alloy main gear
 - Stainless steel main shaft
 - HT-100™ drag washers provide smooth drag under heavy loads
- Slammer Rod**

 - Tubular graphite composite blank (select models)
 - Graphite reel seat

FIERCE COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
FRC2000661ML	FRC2000	210yds/6lb	FRC612S66	6'6"	1	6-12 lb
FRC3000701ML	FRC3000	170yds/8lb	FRC612S70	7'0"	1	6-12 lb
FRC4000701M	FRC4000	230yds/10lb	FRC817S70	7'0"	1	8-17 lb
FRC5000701MH	FRC5000	220yds/15lb	FRC1020S70	7'0"	1	10-20 lb
FRC6000701MH	FRC6000	280yds/17lb	FRC1225S70	7'0"	1	12-25 lb
FRC6000802MH	FRC6000	280yds/17lb	FRC1225S802	8'0"	2	12-25 lb
FRC7000902H	FRC7000	310yds/20lb	FRC1530S902	9'0"	2	15-30 lb
FRC8000701H	FRC8000	350yds/25lb	FRC1530S70	7'0"	1	15-30 lb
FRC8000102H	FRC8000	350yds/25lb	FRC2040S102	10'0"	2	20-40 lb

- Fierce Reel**

 - Full metal body and sideplate
 - Machined and anodized aluminum spool
 - 4+1 Stainless steel bearing system
- Fierce Rod**

 - Graphite composite blank
 - Aluminum oxide guides

SARGUS COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
92066	SG2000	210yds/6lb	SL612S66	6'6"	1	6-12 lb
93067	SG3000	170yds/8lb	SL612S70	7'0"	1	6-12 lb
94070	SG4000	230yds/10lb	SL817S70	7'0"	1	8-17 lb
95072	SG5000	220yds/15lb	SL1020S70F	7'0"	1	10-20 lb
94073	SG6000	280yds/17lb	SL1220S70F	7'0"	1	12-20 lb
97007	SG7000	310yds/20lb	SL1530S70F	7'0"	1	15-30 lb

- Sargus Reel**

 - Full metal body and sideplate keep precise gear alignment under heavy loads
 - Machined and anodized aluminum spool
 - Machine-cut alloy main gear
- Slammer Rod**

 - Tubular graphite composite blank (select models)
 - Graphite reel seat

PURSUIT COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
PUR3000701ML	PUR3000	170yds/8lb	PUR612S70	7'0"	1	6-12 lb.
PUR4000701M	PUR4000	230yds/10lb	PUR817S70	7'0"	1	8-17 lb.
PUR5000701MH	PUR5000	220yds/15lb	PUR1020S70	7'0"	1	10-20 lb.
PUR6000701MH	PUR6000	280yds/17lb	PUR1225S70	7'0"	1	12-25 lb.
PUR8000701H	PUR8000	350yds/25lb	PUR1530S70	7'0"	1	15-30 lb.
PUR6000802MH	PUR6000	280yds/17lb	PUR1225S802	8'0"	2	12-25 lb.
PUR7000902H	PUR7000	310yds/20lb	PUR1530S902	9'0"	2	15-30 lb.
PUR8000102H	PUR8000	350yds/25lb	PUR2040S102	10'0"	2	20-40 lb.

- Pursuit Reel**

 - Lightweight and corrosion-resistant graphite body
 - Techno-balanced™ rotor gives smooth retrieves
 - Machined and anodized aluminum spool
 - 4+1 Stainless steel bearing system
- Pursuit Rod**

 - Graphite composite blank
 - EVA grips
 - Aluminum oxide guides



GT LEVEL WIND & UGLY STIK COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
9320LCBW83DR	320GT2LC	290yds/20lb	BWD110183	8'3"	2	6-20 lb
9320BW70LB	320GT2	290yds/20lb	BWLB110070	7'0"	1	12-25 lb
9320BW66MH	320GT2	290yds/20lb	BWB113066	6'6"	1	15-40 lb
9330BW66H	330GT2	330yds/30lb	BWB114066	6'6"	1	20-50 lb
9330BW70H	330GT2	330yds/30lb	BWB114070	7'0"	1	20-50 lb
9320TG70H	320GT2	290yds/20lb	BWCAO220170	7'0"	1	20-50 lb
9321TG70H	321GT2	290yds/20lb	BWCAO220170	7'0"	1	20-50 lb

- GT Reel**
- Lightweight graphite frame
 - Machined and anodized aluminum spool
 - High-strength marine grade bronze alloy main gear
 - HT-100™ drag washers provide smooth drag under heavy loads
 - 2 Shielded stainless steel ball bearings
 - Built in linecounter for precise depth control (LC models)

- Ugly Stik Rod**
- Ugly Stik® Howald Process blank
 - Stainless steel guides with aluminum oxide inserts
 - Fuji® reel seat
 - EVA grips



SPINFISHER & UGLY STIK COMBOS • SPECIFICATIONS

Model	Reel	Line Capacity	Rod	Length	Pieces	Line Weight
9440IS661M	440SSg	220yds/10lb	SPI11661M	6'6"	1	6-15 lb
9440IS701ML	440SSg	220yds/10lb	SPI11701ML	7'0"	1	6-15 lb
9450IS701M	450SSg	220yds/12lb	SPI11701M	7'0"	1	6-15 lb
9550IS701MH	550SSg	270yds/12lb	SP11701MH	7'0"	1	8-17 lb
9550BW662MH	550SSg	270yds/12lb	BWS110066	6'6"	2	10-25 lb
9550BW702MH	550SSg	270yds/12lb	BWS110070	7'0"	2	10-25 lb
9550BW701MH	550SSg	270yds/12lb	BWS110170	7'0"	1	12-30 lb
9550BW802MH	550SSg	270yds/12lb	BWS110080	8'0"	2	10-25 lb
9750BW701H	750SSm	290yds/20lb	BWS110270	7'0"	1	15-40 lb
9750BW902MH	750SSm	290yds/20lb	BWS110090	9'0"	2	12-30 lb

- Spinfisher Reel**
- Machined and anodized aluminum spool
 - Machine-cut alloy main gear
 - Stainless steel main shaft
 - HT-100™ drag washers provide smooth drag under heavy loads

- Ugly Stik® Rod**
- Ugly Stik® Howald Process blank
 - Stainless steel guides with aluminum oxide inserts
 - Fuji® reel seat
 - EVA grips (select models)

Downriggers

- Built with the strongest, most corrosion-resistant components
- Most reliable downrigger an angler will ever own
- 600NW and 625NW come with 200 ft cable

Swivel-Matic™

(#622ASM) attaches to the base of downrigger for easy positioning.

Quick-Mount Adapters

(#632 # #634) enable anglers to instantly convert an in-gunnel rod holder to a downrigger attachment point.

Rod Holder

(#610RH) mounts easily and securely.

Downrigger Weight

(#10W) 10lb weight drops line to the desired depth.

Release Clip

(#354-POR1) holds line securely and instantly releases when a fish strikes.

Boom Extension

(#638) extends downrigger an extra 24"

DOWNRIGGERS & ACCESSORIES • SPECIFICATIONS

Model	Description
600NW	Fathom-Master® 24 in. Boom, 200 ft. Cable, No Weight
625NW	Fathom-Master® 48 in. Boom, 200 ft. Cable, Swivel-Matic® Base
10WNR	FathomTrol Weight (10 lb.) No Release
610RH	Rod Holder Kit for Manual Fathom-Master®
622ASM	Adjustable Swivel-Matic Base for all Fathom-Masters®
632	Quick Mount Jr. 9" Flush Mount Adaptor
634	Quick Mount Sr. 12" Flush Mount Adaptor
638	Boom Extension Kit
133C-600SP	Fixed Base Plate for all Fathom-Master® Models
212-600SP	Replacement Cable - 200ft 135lb
213-825SP	Cable Hardware Kit
290A-825SP	Replacement Wedges for Cable Hardware
354-POR1	Penn® Offshore Release



- 5mm Neoprene Cover
- Triple Stitched Seams
- Durable Velcro® Closures
- Lug Cut-Outs "Slots" For Easy Storage

NEW SIZES



NEOPRENE COVERS • SPECIFICATIONS

Model	Description	Description	Reels
XXSMRC	Conventional	Extra Extra Small	TRQ200, TRQ100, TRQ100LD, 965, 975, 975CS, 975CSLD, 975SLD, 112H, 310GTI, 310GT2, 525MAG, 525GS, 535GS, 545GS, 500L, 320GTI, 320GT2, 320LD, 555GS
XSMRC	Conventional	Extra Small	TRQ300, TRQ300LD
SMLRC	Conventional	Small	30VSX, 16VSX, 16VS, 30TW, 30T, 20T, 16S, 12LT, 10KG, 113, 113H, 113H2, 113HSP, 113H2SP, 113HLW, 113H2LW, 113HN, 113MTL, GLD20II, 10LD, 220, 230, GLD20, 15LD, 330GTI, 330GT2, 330LD
MEDRC	Conventional	Medium	50VSX, 30VSW, 30VW, 50S, 50T, 50ST, 30SW, 30TW, 30T, 30S, 114, 114H, 114HLW, 340GTI, 340GT2, 345GTI, 345GT2, 15KG, GLD30, GLD30II, 24KG
LRGRC	Conventional	Large	70VS, 50VSW, 50VW, 70VSL, 50SW, 50S, 50TW, 115L, GLD50II, 116L
XLGRC	Conventional	Extra Large	80VSW, 80TW, 80T, 80STW, 80ST
XXLRC	Conventional	Extra Extra Large	130VSX, 130ST, 117L
SMLSRC	Spinning	Small	CQR2000, CQR4000, 260, 360, 420SSg, 430SSg, SG2000, SG3000, SG4000, CV22000, CV24000, PUR3000, PUR4000, AF1000, AF2000, AF3000, AF4000, 4200SS, 4300SS, SV2000, SV4000
MEDSRC	Spinning	Medium	CQR5000, CQR7000, 460, 560, 440SSg, 450SSg, 550SSg, SG5000, CV25000, PUR5000, 4400SS, 4500SS, 5500SS, CLL4000, SV5000
LRGSRC	Spinning	Large	TRQS5, 460L, 560L, 760, 650SSm, 750SSm, SG6000, CV26000, PUR6000, 6500SS, 7500SS, CLL5000, CLL6000, SV6000
XLGSRC	Spinning	Extra Large	TRQS7, TRQS9, 760L, 850SSm, 950SSm, SG7000, SG8000, CV28000, PUR7000, PUR8000, 8500SS, 9500SS, SV8000



Due to the harsh marine environment PENN Reels often find preventive maintenance a must. With our anglers in mind, PENN Reel Lube was developed to assure optimum lubrication and protection against corrosion. Our Lube products ensure smoother operation, providing superior lubrication resulting in drastically increased performance, and are the only lube used and recommended by PENN. We tested everything under the sun, and frankly, this was the finest, best performing lube available. It is the only lube used in PENN Reels, and should be yours as well. For quality and performance, always ask for PENN by name.

MODEL	MONO CAPACITY (YDS/LB)			BRAID CAPACITY (YDS/LB)			BRAID CAPACITY WITH TOPSHOT (YDS/LB)			TOPSHOT	METER CAPACITY (M/MM)		
12VS	875/12	775/15	525/20	1425/20	1075/30	750/50	1175/20	900/30	625/50	40lb 50yds	800/0.36	709/0.38	780/0.46
16VS	1025/16	700/20	480/30	1000/50	825/65	700/80	825/50	675/65	600/80	50lb 50yds	937/0.39	640/0.46	438/0.56
30VSW	900/30	550/50	480/60	1525/65	1325/80	1125/100	1375/65	1175/80	1000/100	60lb 50yds	822/0.56	502/0.71	438/0.76
50VSW	825/50	725/60	525/80	2000/80	1700/100	1425/130	1775/80	1500/100	1250/130	100lb 50yds	754/0.71	662/0.76	480/0.86
70VS	650/80	525/100	420/130	1750/130	1600/150	1300/200	1600/130	1450/150	1175/200	100lb 50yds	594/0.86	480/1.00	384/1.20
80VSW	950/80	875/100	700/130	2900/130	2600/150	2125/200	2650/130	2400/150	1950/200	150lb 50yds	868/0.86	800/1.00	640/1.20
12VSX	360/30	300/40	220/50	750/50	625/65	525/80	625/50	525/65	450/80	40lb 50yds	329/0.56	274/0.62	201/0.71
16VSX	1075/16	700/20	480/30	825/65	700/80	600/100	650/65	575/80	490/100	60lb 50yds	982/0.39	640/0.46	438/0.56
30VSX	525/30	320/50	280/60	775/80	650/100	550/130	525/80	450/100	380/130	100lb 50yds	480/0.56	292/0.71	256/0.76
50VSX	500/50	440/60	330/80	875/130	775/150	650/200	650/130	600/150	475/200	130lb 50yds	457/0.71	402/0.76	301/0.86
130VSX	975/130	850/150	525/200	3650/150	2975/200	2475/250	3450/150	2800/200	2425/250	150lb 50yds	891/1.20	777/1.40	480/1.55
12V	875/12	775/15	525/20	1425/20	1075/30	750/50	1175/20	900/30	625/50	40lb 50yds	800/0.36	709/0.38	780/0.46
30VV	900/30	550/50	480/60	1525/65	1325/80	1125/100	1400/65	1200/80	1025/100	50lb 50yds	822/0.56	502/0.71	438/0.76
50VV	825/50	725/60	525/80	2000/80	1700/100	1425/130	1775/80	1500/100	1250/130	100lb 50yds	754/0.71	662/0.76	480/0.86
TRQ100LD	240/17	190/20	170/25	310/40	270/50	220/65	230/40	200/50	160/65	20lb 50yds	219/0.41	173/0.46	155/0.48
TRQ300LD	320/30	270/40	200/50	550/65	470/80	400/100	330/65	280/80	240/100	80lb 50yds	292/0.56	246/0.61	182/0.71
TRQ12	360/10	260/12	230/15	525/15	420/20	320/30	360/15	290/20	220/30	20lb 50yds	329/0.31	238/0.36	210/0.38
TRQ15	320/12	280/15	190/20	500/20	380/30	270/50	310/20	240/30	160/50	30lb 50yds	293/0.36	256/0.38	174/0.46
TRQ25	320/20	290/25	220/30	650/30	450/50	370/65	470/30	330/50	270/65	40lb 50yds	293/0.46	265/0.48	201/0.56
TRQ30	440/20	300/30	250/40	625/50	500/65	440/80	450/50	370/65	320/80	50lb 50yds	402/0.46	274/0.56	229/0.61
TRQ40	350/30	300/40	220/50	725/50	600/65	525/80	525/50	450/65	390/80	60lb 50yds	320/0.56	274/0.61	201/0.71
FTH15LW	320/15	280/17	220/20	575/20	440/30	300/50	380/20	290/30	200/50	30lb 50yds	290/0.38	255/0.42	200/0.46
FTH20LW	320/17	260/20	230/25	675/20	500/30	350/50	480/20	360/30	250/40	30lb 50yds	290/0.42	240/0.46	210/0.48
FTH25LW	330/20	290/25	220/30	650/30	450/50	380/65	470/30	330/50	270/65	40lb 50yds	300/0.46	265/0.48	200/0.56
FTH40LW	390/30	330/40	240/50	825/50	675/65	575/80	650/50	550/65	470/80	50lb 50yds	360/0.56	300/0.61	220/0.71
FTH60LW	440/40	320/50	280/60	900/65	775/80	650/100	725/65	625/80	550/100	60lb 50yds	400/0.61	290/0.71	255/0.76
965	210/12	190/15	160/17	420/15	340/20	260/30	NA	NA	NA	NA	192/0.36	173/0.38	146/0.41
975	270/12	240/15	210/17	440/20	330/30	270/40	NA	NA	NA	NA	246/0.36	246/0.38	192/0.41
975CS	270/12	240/15	210/17	440/20	330/30	270/40	NA	NA	NA	NA	246/0.36	246/0.38	192/0.41
975CSLD	250/12	220/15	190/17	410/20	300/30	250/40	NA	NA	NA	NA	228/0.36	228/0.38	173/0.41
975LD	250/12	220/15	190/17	410/20	300/30	250/40	NA	NA	NA	NA	228/0.36	228/0.38	173/0.41
113HN	350/30	300/40	NA	600/65	525/80	NA	470/65	410/80	NA	50lb 50yds	NA	NA	NA
112H2	450/20	300/30	250/40	625/50	525/65	450/80	500/50	420/65	360/80	40lb 50yds	411/0.46	274/0.56	228/0.61
113H2	440/30	370/40	270/50	925/50	750/65	650/80	800/50	650/65	575/80	40lb 50yds	402/0.56	338/0.62	246/0.71
113H2LH	440/30	370/40	270/50	925/50	750/65	650/80	800/50	650/65	575/80	40lb 50yds	402/0.56	338/0.62	246/0.71
113H2SP	500/35	420/46	270/61	NA	NA	NA	NA	NA	NA	NA	402/0.56	338/0.62	246/0.71
113H2LW	490/40	360/50	310/60	1200/50	1000/65	875/80	1075/50	900/65	775/80	40lb 50yds	448/0.61	329/0.71	283/0.76
114H2	450/50	390/60	290/80	1250/65	1075/80	925/100	1100/65	950/80	825/100	50lb 50yds	411/0.71	356/0.76	265/0.86
114H2SP	825/35	700/46	450/61	NA	NA	NA	NA	NA	NA	NA	755/0.36	640/0.41	410/0.51
114H2LW	560/50	490/60	360/80	1350/80	1150/100	950/130	1150/80	975/100	825/130	80lb 50yds	512/0.71	448/0.76	329/0.86
113L2	650/20	440/30	370/40	760/65	660/80	560/100	NA	NA	NA	NA	594/0.46	402/0.56	338/0.61
114L2	725/30	450/50	390/60	1075/80	925/100	750/130	NA	NA	NA	NA	662/0.56	411/0.71	356/0.76
115L2	1150/30	700/50	625/60	1700/80	1450/100	1200/130	NA	NA	NA	NA	1051/0.56	640/0.71	571/0.76
116L	1500/60	1100/80	875/100	4100/80	3500/100	2900/130	NA	NA	NA	NA	1371/0.76	1005/0.86	800/1.00
GLD20II	675/20	450/30	380/40	925/50	775/65	675/80	850/50	725/65	625/80	20lb 50yds	617/0.46	411/0.56	347/0.61
GLD30II	600/30	500/40	370/50	1025/65	875/80	750/100	925/65	800/80	675/100	30 lb 50yds	548/0.56	457/0.61	338/0.71
GLD50II	775/40	550/50	490/60	1350/80	1150/100	875/150	1250/80	1075/100	825/150	40lb 50 yds	708/0.61	502/0.71	448/0.76
SQL12	270/12	230/15	160/20	525/15	430/20	320/30	NA	NA	NA	NA	247/0.36	210/0.38	146/0.46
SQL15	280/15	240/17	190/20	500/20	380/30	270/50	NA	NA	NA	NA	256/0.38	219/0.41	174/0.46
535	410/15	290/20	260/25	750/20	575/30	470/40	NA	NA	NA	NA	375/0.38	265/0.46	237/0.48
545	380/20	340/25	250/30	750/30	600/40	525/50	NA	NA	NA	NA	347/0.46	310/0.48	228/0.56
555	400/25	300/30	250/40	725/40	625/50	525/65	NA	NA	NA	NA	365/0.48	274/0.56	228/0.61
320LD	380/15	270/20	180/30	700/20	525/30	370/50	NA	NA	NA	NA	347/0.38	338/0.46	164/0.56
330LD	430/20	290/30	250/40	875/30	600/50	500/65	NA	NA	NA	NA	393/0.38	265/0.56	228/0.61
310GT2	380/12	330/15	230/20	600/20	460/30	375/40	NA	NA	NA	NA	347/0.36	301/0.38	210/0.46
310GT2LC	380/12	330/15	230/20	600/20	460/30	375/40	NA	NA	NA	NA	347/0.36	301/0.38	210/0.46
320GT2	410/15	290/20	190/30	775/20	575/30	400/50	NA	NA	NA	NA	374/0.38	265/0.46	173/0.56
320GT2LC	410/15	290/20	190/30	775/20	575/30	400/50	NA	NA	NA	NA	374/0.38	265/0.46	173/0.56
321GT2	410/15	290/20	190/30	775/20	575/30	400/50	NA	NA	NA	NA	374/0.38	265/0.46	173/0.56
330GT2	450/20	330/30	250/40	900/30	625/50	525/65	NA	NA	NA	NA	411/0.46	301/0.56	228/0.61
340GT2	650/20	440/30	370/40	925/50	750/65	650/80	NA	NA	NA	NA	594/0.46	402/0.56	338/0.61
345GT2	875/20	575/30	490/40	1200/50	1000/65	875/80	NA	NA	NA	NA	800/0.46	525/0.56	448/0.61

MODEL	MONO CAPACITY (YDS/LB)			BRAID CAPACITY (YDS/LB)			BRAID CAPACITY WITH TOPSHOT (YDS/LB)			TOPSHOT	METER CAPACITY (M/MM)		
220GTO	420/15	290/20	190/30	770/20	580/30	400/50	NA	NA	NA	NA	384/0.38	265/0.46	173/0.56
230GTO	460/20	300/30	260/40	925/30	640/50	525/65	NA	NA	NA	NA	420/0.46	274/0.56	237/0.61
500L	450/20	300/30	250/40	900/30	625/50	525/65	800/30	550/50	460/65	20lb 50yds	411/0.46	274/0.56	228/0.61
9M	250/15	220/17	180/20	470/20	350/30	240/50	NA	NA	NA	NA	228/0.38	201/0.41	164/0.46
209M	360/17	290/20	190/30	575/30	400/50	330/65	NA	NA	NA	NA	329/0.41	265/0.46	173/0.56
209MLH	360/17	290/20	190/30	575/30	400/50	330/65	NA	NA	NA	NA	329/0.41	265/0.46	173/0.56
209LC	360/17	290/20	190/30	575/30	400/50	330/65	NA	NA	NA	NA	329/0.41	265/0.46	173/0.56
309M	450/20	300/30	250/40	625/50	525/65	450/80	NA	NA	NA	NA	411/0.46	274/0.56	228/0.61
SAR64LP	200/12	170/14	115/17	310/15	200/20	180/30	NA	NA	NA	NA	182/0.36	155/0.37	105/0.41
PUR64LP	200/12	170/14	115/17	310/15	200/20	180/30	NA	NA	NA	NA	182/0.36	155/0.37	105/0.41
TRQS5	340/12	300/15	210/20	550/20	400/30	290/50	460/20	340/30	240/50	15lb 50yds	310/0.36	274/0.38	192/0.46
TRQS7	490/15	340/20	300/25	470/50	390/65	340/80	400/50	330/65	290/80	20lb 50yds	448/0.38	310/0.46	274/0.48
TRQS9	490/20	440/25	330/30	575/65	490/80	425/100	500/65	430/80	370/100	25lb 50yds	448/0.46	402/0.48	301/0.56
CQR2000	250/4	185/6	130/8	250/8	210/10	180/15	NA	NA	NA	NA	230/0.20	170/0.25	120/0.28
CQR4000	260/8	200/10	165/12	280/15	180/20	140/30	NA	NA	NA	NA	240/0.28	180/0.31	150/0.36
CQR5000	250/12	190/15	170/17	350/20	270/30	220/40	NA	NA	NA	NA	230/0.36	175/0.38	155/0.41
CQR7000	250/15	210/17	170/20	325/30	280/40	250/50	NA	NA	NA	NA	230/0.38	190/0.41	155/0.46
CQR8000	390/17	310/20	270/25	600/30	420/50	350/65	NA	NA	NA	NA	352/0.41	274/0.46	242/0.48
260	290/6	190/8	160/10	320/10	240/15	190/20	NA	NA	NA	NA	265/0.25	173/0.28	146/0.31
360	290/8	240/10	180/12	470/10	350/15	290/20	NA	NA	NA	NA	265/0.28	219/0.31	164/0.36
460	320/10	240/12	210/15	470/15	380/20	290/30	NA	NA	NA	NA	292/0.31	219/0.36	192/0.38
560	310/12	270/15	190/20	500/20	380/30	260/50	NA	NA	NA	NA	283/0.36	246/0.38	173/0.46
760	340/20	300/25	230/30	675/30	470/50	390/65	NA	NA	NA	NA	310/0.46	274/0.48	210/0.56
460L	320/10	240/12	210/15	470/15	380/20	290/30	NA	NA	NA	NA	292/0.31	219/0.36	192/0.38
560L	310/12	270/15	190/20	500/20	380/30	260/50	NA	NA	NA	NA	283/0.36	246/0.38	173/0.46
760L	340/20	300/25	230/30	675/30	470/50	390/65	NA	NA	NA	NA	310/0.46	274/0.48	210/0.56
420SSG	185/2	150/4	120/6	180/6	150/8	130/10	NA	NA	NA	NA	170/0.14	137/0.20	109/0.25
430SSG	300/4	240/6	160/8	300/8	260/10	200/15	NA	NA	NA	NA	274/0.20	219/0.25	146/0.28
440SSG	260/8	220/10	160/12	420/10	320/15	260/20	NA	NA	NA	NA	237/0.28	201/0.31	146/0.36
450SSG	300/10	220/12	190/15	440/15	360/20	270/30	NA	NA	NA	NA	274/0.31	201/0.36	173/0.38
550SSG	370/10	270/12	240/15	550/15	440/20	325/30	NA	NA	NA	NA	338/0.31	246/0.36	219/0.38
650SSM	360/12	320/15	220/20	575/20	440/30	300/50	NA	NA	NA	NA	329/0.36	292/0.38	201/0.46
750SSM	420/15	290/20	260/25	575/30	400/50	340/65	NA	NA	NA	NA	384/0.38	265/0.46	237/0.48
850SSM	380/20	340/25	250/30	750/30	525/50	440/65	NA	NA	NA	NA	347/0.46	310/0.48	228/0.56
950SSM	450/25	340/30	290/40	700/50	575/65	500/80	NA	NA	NA	NA	411/0.48	310/0.56	265/0.61
BTL2000	260/4	210/6	140/8	260/8	225/10	170/15	NA	NA	NA	NA	238/0.20	192/0.25	128/0.28
BTL3000	250/6	170/8	140/10	275/10	205/15	170/20	NA	NA	NA	NA	229/0.25	155/0.28	128/0.31
BTL4000	280/8	230/10	170/12	335/15	275/20	205/30	NA	NA	NA	NA	256/0.28	210/0.31	155/0.36
BTL5000	250/12	220/15	190/17	405/20	305/30	250/40	NA	NA	NA	NA	229/0.36	201/0.38	174/0.41
BTL6000	320/15	280/17	220/20	445/30	365/40	310/50	NA	NA	NA	NA	293/0.38	256/0.41	201/0.46
BTL7000	390/17	310/20	280/25	505/40	430/50	360/65	NA	NA	NA	NA	357/0.41	283/0.46	256/0.48
BTL8000	390/20	350/25	260/30	550/50	450/65	390/80	NA	NA	NA	NA	357/0.46	320/0.48	238/0.56
SG2000	260/4	210/6	140/8	260/8	225/10	170/15	NA	NA	NA	NA	238/0.20	192/0.25	128/0.28
SG3000	250/6	170/8	140/10	275/10	205/15	170/20	NA	NA	NA	NA	229/0.25	155/0.28	128/0.31
SG4000	280/8	230/10	170/12	335/15	275/20	250/30	NA	NA	NA	NA	256/0.28	210/0.31	155/0.36
SG5000	250/12	220/15	190/17	405/20	305/30	250/40	NA	NA	NA	NA	229/0.36	201/0.38	174/0.41
SG6000	320/15	280/17	220/20	445/30	365/40	310/50	NA	NA	NA	NA	293/0.38	256/0.41	201/0.46
SG7000	390/17	310/20	280/25	505/40	430/50	360/65	NA	NA	NA	NA	357/0.41	283/0.46	256/0.48
SG8000	390/20	350/25	260/30	550/50	450/65	390/80	NA	NA	NA	NA	357/0.46	320/0.48	238/0.56
FRC2000	260/4	210/6	140/8	260/8	225/10	170/15	NA	NA	NA	NA	238/0.20	192/0.25	128/0.28
FRC3000	250/6	170/8	140/10	275/10	205/15	170/20	NA	NA	NA	NA	229/0.25	155/0.28	128/0.31
FRC4000	280/8	230/10	170/12	335/15	275/20	205/30	NA	NA	NA	NA	256/0.28	210/0.31	155/0.36
FRC5000	250/12	220/15	190/17	405/20	305/30	250/40	NA	NA	NA	NA	229/0.36	201/0.38	174/0.41
FRC6000	320/15	280/17	220/20	445/30	365/40	310/50	NA	NA	NA	NA	293/0.38	256/0.41	201/0.46
FRC7000	390/17	310/20	280/25	505/40	430/50	360/65	NA	NA	NA	NA	357/0.41	283/0.46	256/0.48
FRC8000	390/20	350/25	260/30	550/50	450/65	390/80	NA	NA	NA	NA	357/0.46	320/0.48	238/0.56
PUR3000	250/6	170/8	140/10	270/10	210/15	170/20	NA	NA	NA	NA	229/0.25	155/0.28	128/0.31
PUR4000	270/8	220/10	160/12	320/15	260/20	200/30	NA	NA	NA	NA	247/0.28	201/0.31	146/0.36
PUR5000	250/12	220/15	190/17	400/20	300/30	250/40	NA	NA	NA	NA	229/0.36	201/0.38	174/0.41
PUR6000	320/15	280/17	220/20	440/30	360/40	310/50	NA	NA	NA	NA	293/0.38	256/0.41	201/0.46
PUR7000	390/17	310/20	280/25	500/40	430/50	360/65	NA	NA	NA	NA	357/0.41	283/0.46	256/0.48
PUR8000	390/20	350/25	260/30	550/50	450/65	390/80	NA	NA	NA	NA	357/0.46	320/0.48	238/0.56