



DUO - THERE IS ONLY ONE

# REALIS

2016 - 2017

CUSTOM BAITS CATALOGUE

NIPPON QUALITY  
**DUO**  
International

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2016 - 2017

CUSTOM BAIT'S CATALOGUE

## DUO CONCEPT

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## *CEO & Chief Designer*

### *Masahiro Adachi*

Since its inception, DUO has forged a 20-year standard in lure manufacturing that has utilized future technologies and innovation. A company beyond its time, the DUO concept of commitment and quality is unprecedented and attained only at the highest level of execution and clearly exceeds today's perceptions.

The personification of this philosophy is DUO's CEO and chief designer, Masahiro Adachi, one of the most respected lure designers in Japan.

Masahiro Adachi's designs were first introduced in the early 90's when he shocked the lure world with his engineering. Adachi's designing process originates from thought, but his understanding of lure action developed from studying the intricate swim behavior of live bait-fish. Another vital element to Mr. Adachi's gift is his detailed understanding of predator fish and their biology. Mr. Adachi's philosophy of "functional beauty" means he is trying to create lures that both unify in form and function, making lures that are creatively known as "better than the real one".

Adachi does not create lures in the traditional JDM way with the use of drawing and CAD. Rather, every creation begins as a carving. Adachi mentally envisions the swim-action of his lure and begins carving a design from ABS plastic. The process could be considered organic. Mr. Adachi's designs are original, sometimes so intricate that they require months to perfect.

The integration of hand created designs and high precision digital constructs are imperative priorities for the creator, Mr. Adachi. This approach will remain a trademark for DUO lures.



## Total Package Concept

### Part 1: Design & Development

DUO stands for form. DUO stands for function. Form and function aligned in perfect harmony – the functional beauty. DUO stands for the highest quality, the Nippon Quality. The absolute commitment to the highest quality to the level of DUO is unseen in this industry.

Since its foundation almost twenty years ago, DUO has set on a path to represent the very best in the lure fishing. The commitment to the highest level of quality has been built into the concept of the company and DUO has continuously pursued the cutting edge technology for lure development.

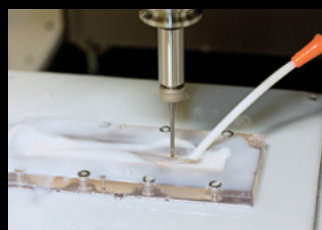
Our answer to this was a combination of classical and most recent technology - “hand carving” the master mold, precise duplication through 3D laser scanning and high-precision through 3D CAD/CAM.

Through the technological merging of different aspects, we have pursued the leading technology of molding for lure development.



① Production of the Master

Mr. Adachi avoids use of computers for the initial body master, and carves from a block of ABS. The advantage is that it combines strength and rigid properties, as well as the rubbery toughness and specific gravity of the actual product.



② Production of the Action Sample

The ABS carving is digitally scanned and a duplicate is created through machine cutting. The ballast of exact measures is inserted, weighed and tested for imparting of action to the lure.



③ Carved Electrode Manufacturing

Based on the action sample, outline data is measured to cut out a pillar shaped pure-copper electrode. The initial shape is formed by belt sander and the electrode is refined with a precision drill.



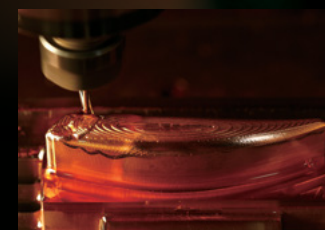
④ Finalizing the Carved Electrode

The finalized carved electrode is contoured to the exact preferred profile, the preciseness of which machine cutting through CG data cannot duplicate.



⑤ Production of the Inverted Data

The finalized electrode is precision scanned to 1/1000 3D tolerances, whereas 1/100 tolerance is the industry standard.



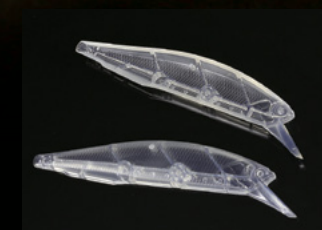
⑥ Machine Cutting of the Opposite Side

Inversion scanning is conducted to produce the opposite side of the body profile. Final brushing and softening of the surface is done by hand.



⑦ Rib Processing

The interior volume of the cavity is produced and the fixed interior space is directly carved out to create the planned rails and space for ballast.



⑧ Obtaining the First Injection Body Sample

The first injection bodies are created and tested for integrity and harboring components. Tolerances must be exact for ballast, hook positioning and lip angle. Once product passes precise testing, production is commenced.



## Total Package Concept

### Part 2: Production

Each of the DUO lures combines advanced technology with the human touch; the attention to detail is combined with the preciseness of the machine and each lure carries the fingerprints of tens of people's hands it goes through during the production process.

From the very first idea, the very first draft up to the sealing of the package, DUO always set out on a mission to push the levels of creativity, set the new standard and provide a perfect tool.

"The Total Package" concept has been the philosophy of DUO since its foundation and the foundation which it was built on was never compromised.

"Total Package" means unifying all the processes under one roof, without any outsourcing, being able to offer you product of higher quality, each with its own identity, carefully quality checked at a better value.

It means paying attention to every little detail of the lures, unifying both the form and function into a perfect unity.



#### ① Assembly

After the ABS body forms are created, internal componentry is strategically placed. This includes special alloy ballast, line ties, special hooks, reflection plates, and acoustics. The bodies are then prepared for adhesion.



#### ② Fusion

Unlike popular cost-saving bonding done by popular companies, DUO utilizes a detailed time intensive process called "Fusing". MEK chemical fusing is accomplished by micro fusion, which actually melts body seams together creating a stronger and water-tight unit. The bonded units are then placed in curing pin to complete a strong unitized form.



#### ③ Precision Deburring

After fusion process, the bonded body halves produce an excess in the welds called burrs. Edge finishing and precision deburring process reduces the lures rough mated area to smooth surface.



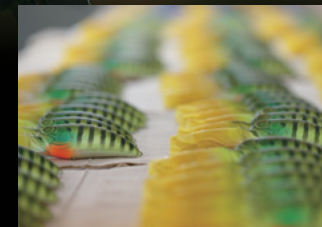
#### ④ Water Intrusion Test

To test the integrity of the adhesion, lures are water tested, immersed into hot water exceeding 70 degrees for around 20 seconds. The hot water makes the air expand within lure cavity and imperfection are detected quickly. For example leakages are identified when bubbles are produced and thereby can be rectified immediately.



#### ⑤ Multi-Step Painting

DUO painting is accomplished manually, one step, one layer at a time. The complexity of coating is also time intensive and expensive, but necessary. DUO's staff will coat a lure between 5 to 15 layers of paint depending on the lure and its tasks. There are over 400 variations of colors available in the catalogue. The lips of the lure are covered so they do not get affected by coloring.



#### ⑥ Masking

Specifically scaled templates are engineered to create tight and consistent tolerances in applying colors and patterns of colors; for example yamame spots or bluegill stripes. These masking templates can obtain intricate or simple patterns that can incorporate multiple colors if necessary.



#### ⑦ Eyes Insertion

Nothing is missed - even DUO's eyes are three-dimensional and carry multiple color bleeds. The detailed eyes are attached by hand after an approved quality control inspection of the lure body.



#### ⑧ Top Coat & Quality Control

After an additional quality control inspection has been completed, a measured clear coat is added to protect the integrity of the paint. The lures pass through multiple layers of clear coat application. Once inspection is completed, the lure's name is printed and sent to packaging for distribution.



## Total Package Concept

### Part 3: Sales

At the beginning of the year 2015 DUO has adopted "International" as part of its brand name and it is indeed the word that best characterizes the turbulent five years at DUO.

More than just a name, it signifies DUO's mission to become the global standard for quality within the lure industry.

Since many years ago, DUO was known as one of Japan's premier companies, an honour we continue to embrace. But DUO's lure innovation and ability to stretch boundaries grew. Our concepts and outcomes in lure advancement resonated with the experienced angling-ship across the globe ever since we adopted our new global strategy in 2011.

As we fast-forward to present day, DUO's technology and brand has been pursued by 72-countries globally, a true testament to DUO's tireless development and innovation.

Transcending into new markets has been exciting.

It brought our lures to many far and distant places, enhancing the angler's experience and expertise.

Due to this newfound platform, the company's research and development teams decided to explore additional frontiers opening their lure range and technical versatility to pursue a wider range of freshwater and saltwater species, proving again its commitment to the "total package" concept of offering a complete range of products.

"DUO International" is only in its infancy.

With an exciting future, its technology will exude innovation of the highest level and continue to spread "Nippon Quality" across the globe.



#### Sales Area

##### EUROPE

Austria	Estonia	Luxembourg	Serbia
Belarus	France	Macedonia	Slovenia
Belgium	Germany	Malta	Slovakia
Bosnia	Greece	Moldova	Spain
Bulgaria	Holland	Montenegro	Switzerland
Croatia	Ireland	Poland	Turkey
Cyprus	Italy	Portugal	UK
Czech Republic	Latvia	Romania	Ukraine
Denmark	Lithuania	Russia	

##### NORTH AMERICA

Canada
USA

##### LATIN AMERICA

Argentina
Brazil
Chile
Ecuador
El Salvador
Mexico
Peru

##### AFRICA

Algeria
Egypt
Mauritius
South Africa
Tunisia

##### ASIA & OCEANIA

Australia	Kuwait	Singapore
Bahrain	Lebanon	Taiwan
Brunei	Malaysia	Thailand
China	Maldives	United Arab Emirates
Egypt	Mongolia	Vietnam
India	New Zealand	
Indonesia	Oman	
Israel	Qatar	
Japan	Saudi Arabia	

**DUO**  
International





## GOING BEAST MODE

Utilizing DUO's highly advanced molding technology, the lure designs were headed by DUO CEO and Chief designer Masahiro Adachi in close collaboration with One Bite One Fishe's Kazuhiro Uyama, a predator fishing icon, who provided invaluable insight based on his vast global experience and know-how. Contrary to the notion of JDM (Japanese Domestic Model) being associated with finesse usage, Fang Ops lures were created specifically for daring anglers around the world, with a toughness and durability that could match any monster anytime, anywhere.

Keeping true to DUO's motto "There is Only One", the standard-setting Realis Fang Ops lures will be a must-have for the predator angler going beast mode.

PRODUCED BY  
MASAHIRO ADACHI & KAZUHIRO UYAMA

# FANG OPS

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## GOING BEAST MODE

## FANG OPS TROOPS

### MEET THE BEAST HUNTERS



### **Kazuhiro Uyama** Country: Japan

A true fishing globetrotter, "Mr. Fang" Kazuhiro Uyama has tested his skills against the beasts of 14 different countries via his "World Expedition" fishing tour. Kazz has dedicated his life to chasing the freshwater predators and his many memorable trips has also helped him land three world records. The man behind OneBiteOneFishe brand spends at least a third of the year in global jungles chasing the fourth one to add to the collection.

### **Gong Lei** Country: China

Known as the "Little Master", fish that Gong Lei chases can be described as anything but little. Starting fishing at the age of 7, Gong quickly found passion for trying to fool the fish to bite his lure. The world stays in awe of his casting skills and his trophy fish fighting skills which he tests on all kinds of predators ranging from his "trademark" Yellowcheek Carp through Skygazers all the way to giant Papuan Bass.



### **Mick Hassett** Country: Australia

Fang Ops' own "barramundi ambassador", Mick Hassett, is already known to DUO fans via his pro staff position and heavy utilization of our lure range taking great advantage of Australia abundant water species. The "metrey magnet" will be helping to test the Fang lures on some of the most aggressive fish out there and surely give their claim of being heavy duty a proper workout.

### **Alex Rios** Country: Spain

The first Fang Ops member from Europe, Alex Rios has dedicated his life to sportfishing, both for freshwater and saltwater species. He lives for travelling to explore new waters, new species, new challenges. Known for taming varied species ranking from monster pikes and trouts all the way to triple digits weighing giant trevallies and dogtooth tunas, we are surely looking forward to see what "fangs" will bite his lures.





# REALIS FANGBAIT SR/DR EDITIONS NEW

## The heavy duty weapon for "Going Beast Mode"

What do you tie on your rod when you plan to target a 20kg Papuan bass, 40kg barramundi or 100kg arapaima? What tackle generates enough confidence to tie it on even when fighting a world class record fish? We offer you the answer – the Fangbait series. Developed by Kazuhiro Uyama and tested on his many trips to chase the greatest of world's predators, Fangbait aims to become a staple in "beast hunters" tackle boxes. As a pioneering model for Fang Ops brand, it represents the concept of building some of the toughest lures in the world to the fullest.

SR Edition: The typical minnow shape of SR series combines moderate roll with not too strong wobble for universal appeal and use in any situation. When looking for a search bait for global predators, reach for Fangbait SR series.

DR Edition: In contrast to the countless long lipped diver shaped lures on the market, Fangbait DR series is equipped with outstanding castability. The next generation diving jerkbait, Fangbait DR series will change the conception of what was known as a diving type lure.



### Thickened Walls

The walls of Fangbaits are thicker by 20% compared to standard to withstand even the largest and most aggressive of fish.



### Through Wire

Enhancing the strength of the lures further is a thick wire running through the whole body.

## FANGBAIT120SR/140SR NEW

[120SR] ■Length/120mm (4-3/4" in) ■Weight/25.8g (7/8oz)  
■Type/Floating (Fixed Weight) ■Hook/#1X ■Ring/Hook Eye#5.5  
■Range/0.8~1.0m (2~3ft)

[140SR] ■Length/140mm (5-1/2" in) ■Weight/38g (1-3/8oz)  
■Type/Floating (Fixed Weight) ■Hook/#1/0X ■Ring/Hook Eye#5.5  
■Range/0.8~1.0m (2~3ft)

## FANGBAIT120DR/140DR NEW

[120DR] ■Length/120mm (4-3/4" in) ■Weight/26.7g (1oz)  
■Type/Floating (Magnet Assisted Weight)  
■Hook/#1X ■Ring/Hook Eye#5.5  
■Range/2~2.8m (6~9ft)

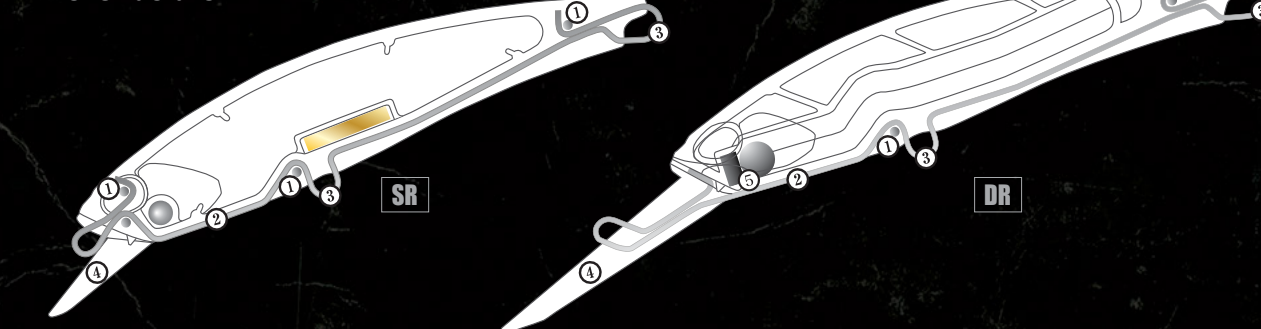
[140DR] ■Length/140mm (5-1/2" in)  
■Weight/41.2g (1-1/2oz)  
■Type/Floating (Magnet Assisted Weight)  
■Hook/#1/0X ■Ring/Hook Eye#5.5  
■Range/2.7~3.4m (9~12ft)



## FANGBAIT SERIES



### Inner Structure



#### 1 Stainless-steel Pins

We have inserted 3 different sized stainless-steel pins to secure the wire which runs through the body.

#### 2 Out & Through Wire

Running the wire through the outer side of the body reduces the plastic used, hence enhancing buoyancy.

#### 3 Hook Eyes

Outsized hook eyes are able to accommodate heavy duty gear to tackle the largest of the beasts.

#### 4 Lip Construction

Reinforced lip construction with extra thickness further aids the strength of the lure.

#### 5 Magnet Weight

The moving weight design of DR model gives it enhanced castability, one of the weak point in deep divers.

● Glow color

**FANG·OPS**  
GOING BEAST MODE

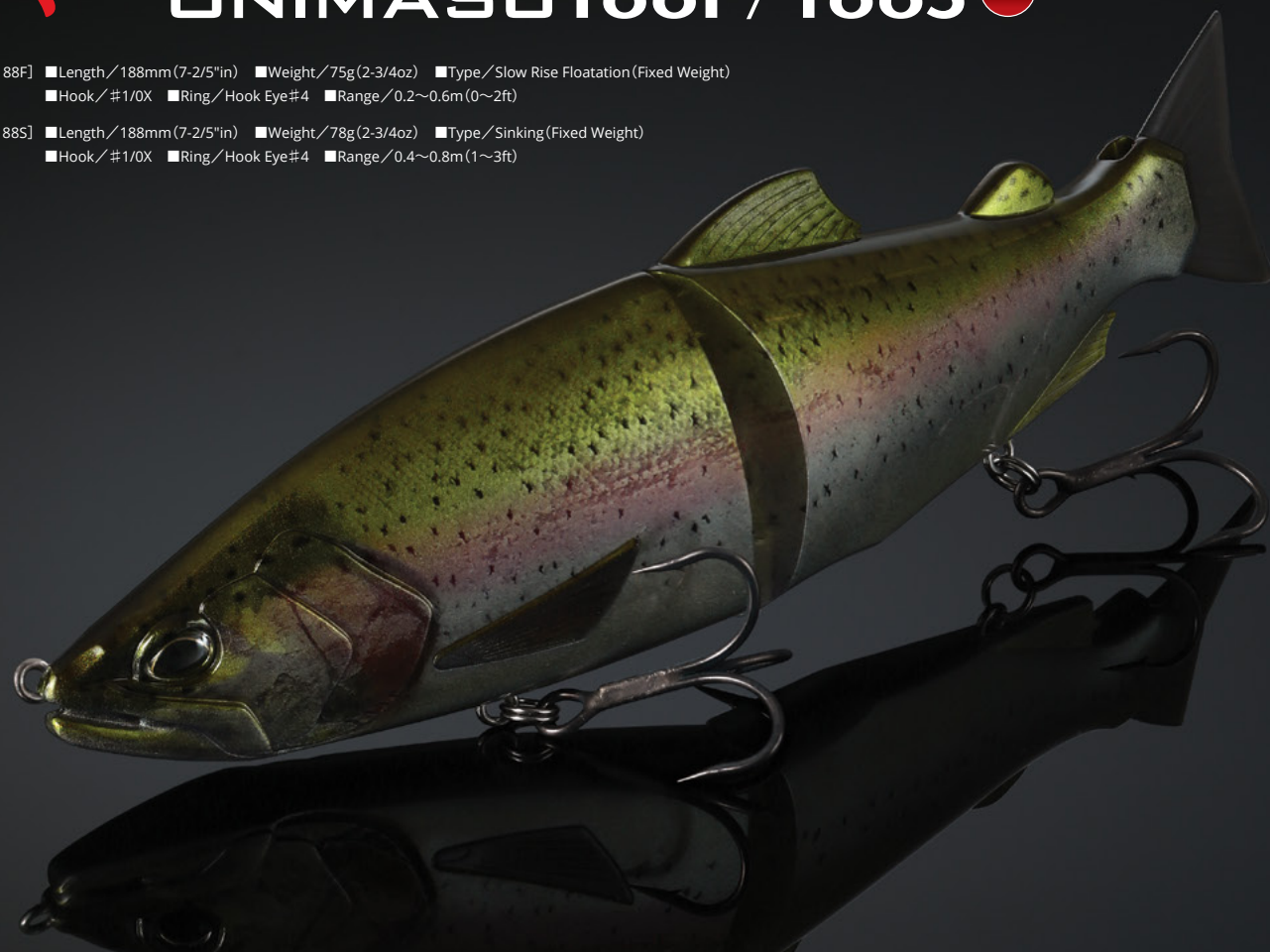


# REALIS

## ONIMASU188F/188S NEW

[188F] ■Length/188mm (7-2/5" in) ■Weight/75g (2-3/4oz) ■Type/Slow Rise Floatation (Fixed Weight)  
■Hook/#1/0X ■Ring/Hook Eye#4 ■Range/0.2~0.6m (0~2ft)

[188S] ■Length/188mm (7-2/5" in) ■Weight/78g (2-3/4oz) ■Type/Sinking (Fixed Weight)  
■Hook/#1/0X ■Ring/Hook Eye#4 ■Range/0.4~0.8m (1~3ft)



### Pioneer of the Prometheus Project - Taking realism to a new level

The Prometheus Project began in 2013. Famed lure designer, Mr. Adachi, desired a unique platform which could accompany his design expertise and intricate understanding of lure actions, fusing them together with his advanced high resolution imaging and painting technology. The finished product is awe inspiring and shockingly realistic.

Welcome to the Prometheus Project: Onimasu. The focus on this lure was to acquire a true S-curve motion distinctly different from saturated actions being depicted in the industry. This lure's vector (course of travel) is influenced by the lure's unique profile and fore-region. Its fluxion (or velocity) is dictated by line tension and reel retrieve. It is versatile and can be guided by an array of gear ratios from a selected reel. The intention is to offer the swim motion through a variety of retrieves.

Most slalom or affectionately called glide baits provide a relatively shallow 'sway and yaw' motion. They show less ability to glide far beyond the centerline of travel. In fact, many take on the resemblance of "tacking" or a fluid "walk the dog" routine. Adachi's Onimasu executes a wide swing and gait to its course of travel. This significant side-to-side "flare" keeps the lure in an evasive pattern yet in the strike window longer, mimicking what DUO calls "escape behavior". Its glide pattern can reach nearly 3 feet. The ballast and ride positions of the lure give incredible stability at high speeds, remaining in the water and avoiding porpoising (a negative tendency).

Onimasu is one of many innovations to rise from the Prometheus Project. It will bring the discriminating angler closer to the real thing and anticipation will be his only challenge.



#### Thin Profile

Thin, low mass profile is designed to increase hook ratios and reduces fish-leveraging against the lure.



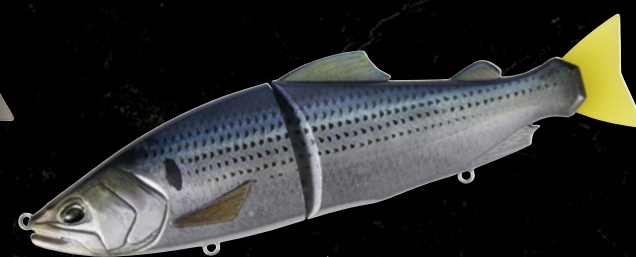
#### Soft Tail

Onimasu comes equipped with a soft tail made of polymer for ultra realism.

ONIMASU188 NEW



ASA3841 Salmon ND



CCC3827 Gizzard Shad ND



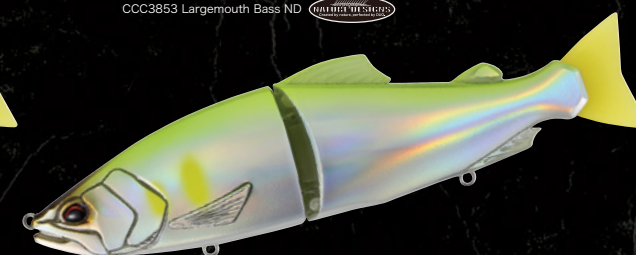
CCC3836 Rainbow Trout ND



CCC3853 Largemouth Bass ND



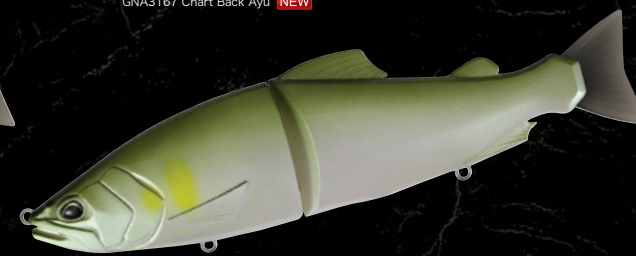
CCC3864 Yellow Perch ND



GNA3167 Chart Back Ayu NEW



ACC3018 Smokey Bone NEW



ACC4010 Pearl Ayu NEW

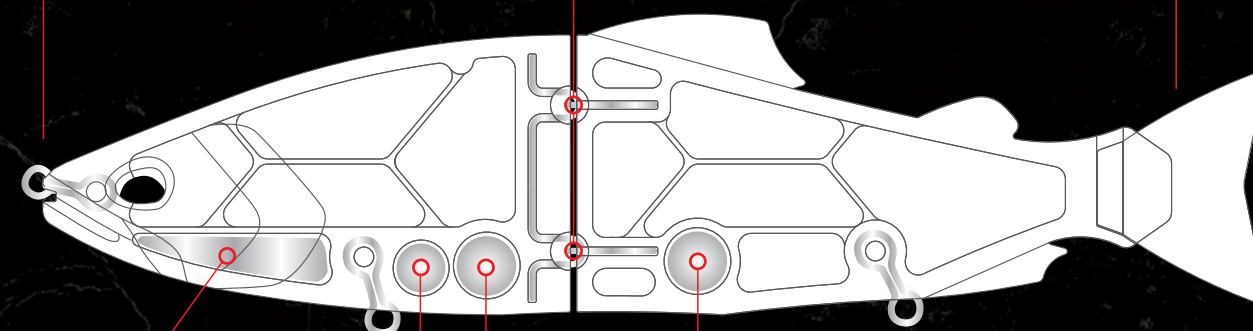
### Inner Structure

#### Elevated ABS Body & Thin Keel

Gives off a natural profile, provides better hook movement, increases hook ratios, increasing planning and enhance the unique sway and slalom action.

#### Single Swing Hinge

Provides dual joints, sturdy body alignment, tighter joint tolerance and better durability.



#### Angled Ballast

Allows the lure to be twitched and avoid losing balance (a common headache in glide baits being retrieved quickly).

Unique fixed ballast provides low resonance, non-rattling fixtures.

#### Diagonal Framing

Eliminates internal crush zones (weak areas susceptible to damage via compression).



# REALIS PENCILPOPPER110/148 NEW

[110] ■Length/110mm(4-3/8" in) ■Weight/18g(5/8oz) ■Type/Floating(Fixed Weight)  
■Hook/#4X ■Ring/Hook Eye#3

[148] ■Length/148mm(5-7/8" in) ■Weight/40g(1-3/8oz) ■Type/Floating(Moving Weight)  
■Hook/#1/0X ■Ring/Hook Eye#4



## Maintain your long distance relationship with trophy fish

DUO's success in the top water category was established via its introduction of the Pencil 110. Its effortless ability to "walk the dog" and exemplified quality, and durability, gave it a place in the market. For 2016 DUO International has introduced two Realis top water lures that together may need their own category. The Pencil Popper 148 and its little brother the Pencil Popper 110. These pencil poppers are another advancement in lure fishing and are swollen with attributes others have yet to experience.

You will notice close up their shape, the bends and curves and tapered points all pertain to engineering keys that unlock their aerodynamics and hydrodynamics functions which will pleasantly surprise you as many discriminating and professional anglers are discovering already. The internal super-structure adjoins over 40 intersecting diagonal beams creating super rigid body core.

No matter what line type or diameter is provided, the aerial track of the PP148 and PP110 is consistent, accurate and will out distance standard top water configurations. The poppers' mouth enters the water line at approximately a 45-degree angle allowing the lure to displace a significant amount of surface-water. The dual-purpose lure not only pops, but it can be walked in less stable surface conditions.

Meet a top water lure with dual-purpose actions. The swim actions are effortless, the sound resonates well, the profiles are attractive and the color patterns are proven. We just made top water fishing better.



### Through Wire

By integrating ladder rib structure along with through wire construction, PP110 has enough strength to handle largest of fish.



### 360 Hanger

The front hook harness utilizes a 360-degree rotation swivel, which helps reduce negative leveraging of fish against the hook and body.

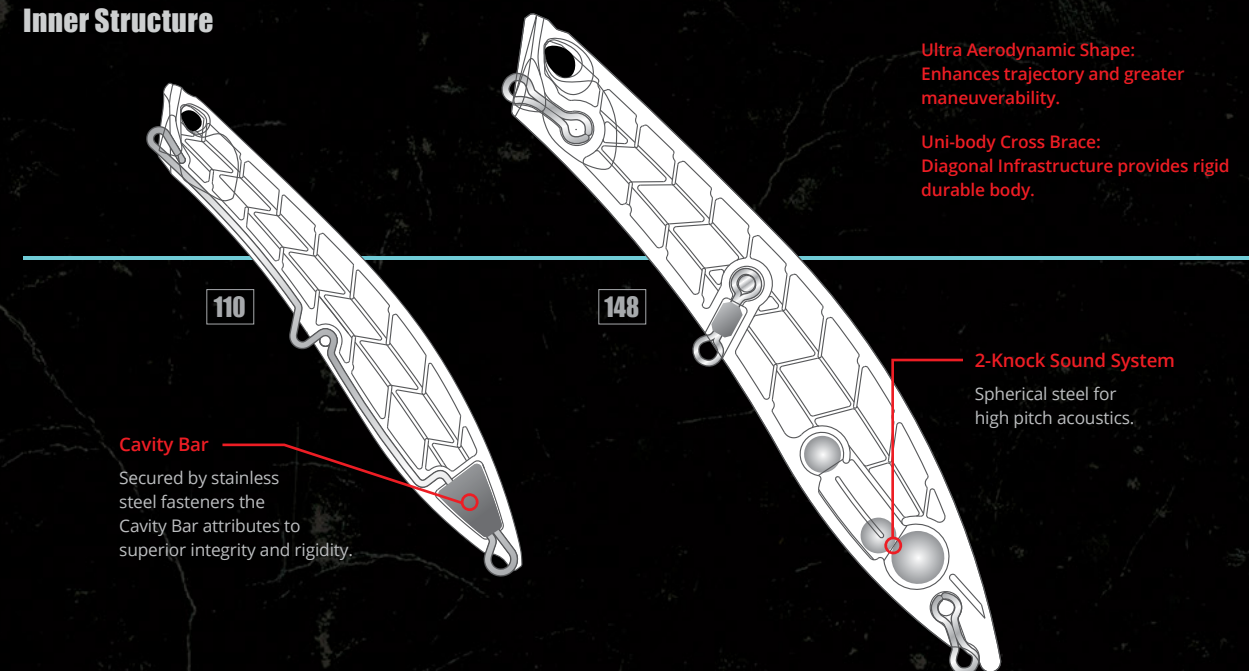
## PENCILPOPPER110/148 NEW



## PENCILPOPPER110/148 SW LIMITED NEW



## Inner Structure





# REALIS CRANK G87 20A / 15A NEW

[15A] ■Length/87mm(3-1/3") ■Weight/34.0g(1-1/4oz) ■Type/Floating(Magnet Assisted Weight) ■Hook/#2X  
■Ring/Lip Eye#4+Hook Eye#4 ■Range/4.2~5.2m~(14~16ft~)

[20A] ■Length/87mm(3-1/3") ■Weight/35.5g(1-1/4oz) ■Type/Floating(Magnet Assisted Weight) ■Hook/#2X  
■Ring/Lip Eye#4+Hook Eye#4 ■Range/5.5~6.3m~(19~21ft~)

## Crankbait engineering beyond barriers, beyond frontiers, beyond belief

To set yourself apart from the herd in the crankbait market, a company has to take serious its understanding of hydro-dynamics, materials and components. It must also have excellent balanced, castability, defection, unique yet proven vibration and low line-tension during retrieves. DUO exceeded these challenges and set a bench mark in the process with Realis Crank G87, a true super crank and a true pinnacle of lure engineering.

G87 20A's crank development was carefully put into motion by DUO's R&D team. The need for a crankbait that could truly dive beyond the 20-foot mark and accurately reach its target has been deeply desired by professional anglers. To make a lure dive deep is not a huge challenge. But to make a lure dive and remain balanced, travel through the air minimally influenced by cross winds and stay within strike zone longer with minimal reeling tension requires precise engineering. DUO's chief designer, Mr. Masahiro Adachi has exceeded expectations.

This superior diving ability can be attributed to the most advanced weight transfer system in deep diving cranking. G87's enlarged magnetic ballast carriage hides the casting bearing outside the body cavity, where it's held by a magnet made of Neodymium, a material considerably stronger than the usual magnesium, necessary due to the size of the bearing.

The G87's body is 87mm (approximately 3-1/3") in length and weighs at 35 grams (1-1/4oz), with a heavy weight appearance you would think heavy resistance and heavy line tension (during the retrieve) would be apparent traits but it's the opposite. Mr. Adachi was able to reduce hydrodynamic drag from the bait. Mr. Adachi was seeking to create a vehicle that could be pushed distanced and driven deep into darkest without a hint of labor.

The G87 has walked right through what most have called the final barrier in crankbaiting and pioneered a new one. Not only is it the first of its kind in the world - the G87 created a new pinnacle, a new frontier in crankbait engineering.

### Inner Structure

Most advanced weight transfer system creates record setting casting distances

Elevated angle of the lip secures quick descend to the designated depth

Lower center of gravity for better tracking performance

### Weight System

G87's weight is located outside of the body cavity, where it's held by a magnet made of Neodymium; the most advanced weight system in deep cranking.

### Unique Lip Design

By eliminating part of plastic from the bottom part of the lip, the weight was reduced resulting in increased buoyancy.



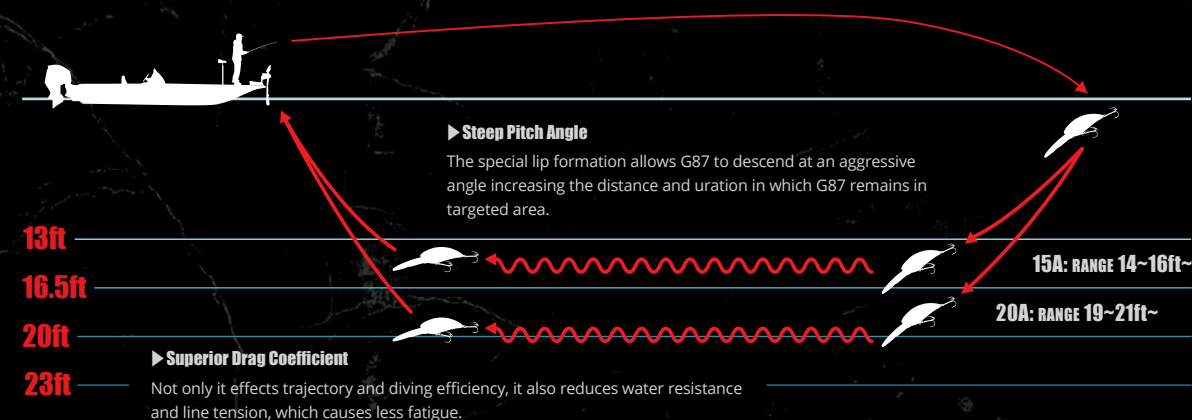
## G-Fix

CRANK G87 20A / 15A NEW



### Precision Trajectory

Due to its aerodynamic shape, G87 provides accuracy and better response in windy conditions meaning dramatically longer flight distances.







**SPYBAITING**  
TECHNIQUE OF SILENT CAPTURE

# EXTEND YOUR GAME

*"Spybaiting is a great presentation for fish that are suspended and inactive. These are the hardest fish to get to bite, with this presentation I feel like I am catching fish that otherwise I would not be catching."*

*– Kevin Hawk, Bassmaster Elite Pro*

*"Spybaiting", the technique of silent capture, is for tournament application.*

*It is first very important to know the technique was specifically designed for tournament or competitive fishing, the type of fishing that carries other variables the regular fishing community can avoid.*



A couple of important notations all tournament anglers should make regarding spybaiting:

- » Spybaiting is a big fish technique.
- » Spybaiting is a distinctive presentation design to target suspended fish (sometimes considered one of the more difficult fish to pursue).
- » Spybaiting is one of few techniques that are specifically designed to work off the bottom in a water column (unlike standard drop shooting) and cover great distances.

## EXECUTION

1. The angler should make a long cast (longer than usual).
2. The angler should know the approx. depth of his desired location.
3. The angler then, can count the lure down (rate of fall is about 8 inches per second depending on line diameter and weight) to the chosen depth.
4. The spybaiter should count the lure down to several inches off the bottom.
5. Slowly retrieve the lure back; take around 2-3 second for each rotation of the reel.



## SPINBAIT SUCCESS



### Jeff Miller

Angler's Dream,  
Lake St.Clair

**1ST PLACE**



### Jeff Jenema

Bassmaster Northern Open,  
Lake St.Clair

**1ST PLACE**



### Mandel Pettus

Bassmaster Northern Open,  
Douglas Lake

**2ND PLACE & Co-Angler of the Year**

For spybaiting tips, tricks, and more, visit:

[www.spybaiting.com](http://www.spybaiting.com)





# REALIS SPINBAIT

*The vehicle for the world's fastest  
growing finesse technique*

The "Spybaiting" technique is considered an ultra-finesse hard bait technique requiring light line, long casts and in-line retrieves. Manipulation of the technique requires concentration and steady slow retrieves. But the results are mind altering.

It is a finesse technique that catches big fish as well as numbers. It has recently hit the global shores and has been proven effective on a wide range of fish, both freshwater and saltwater.

The lure designed for this technique is the Realis Spinbait. DUO invites you to become familiar with the deadly finesse presentation known as "Spybaiting", the technique of silent capture.

DUO studied the Spybaiting concept and created a compact design with specially tuned propellers that incorporate more subtle actions than conceived by other manufacturers. Its compact yet heavy body harbors a fixed ballast system made to increase trajectory, improve target orientation, and provide a heavy roll action.

The Realis Spinbait series also possesses specially designed cupped propellers which provide more pulsation at slower revolutions. This combination emulates the shimmer-effect of baitfish, making for the perfect Spybaiting vehicle.

## REALIS SPINBAIT80/90/80 G-Fix



### SPINBAIT80

■Length/80mm (3-1/8" in) ■Weight/9.5g (3/8oz) ■Type/Sinking(Fixed Weight)  
■Hook/#8X ■Ring/Hook Eye#2 ■Range/2.0~3.5m~(7~12ft~)



### SPINBAIT90

■Length/90mm (3-1/2" in) ■Weight/15g (1/2oz) ■Type/Sinking(Fixed Weight)  
■Hook/#6X ■Ring/Hook Eye#2 ■Range/2.5~5.0m~(8~17ft~)



### SPINBAIT80 G-Fix

■Length/80mm (3-1/8" in) ■Weight/10.5g (3/8oz) ■Type/Sinking(Fixed Weight)  
■Hook/#8X ■Ring/Hook Eye#2 ■Range/3.0~5.5m~(10~18ft~)





# REALIS JERKBAIT

*The new JDM jerkbait/ripbait standard*

How do you know if you have a great jerkbait? What characteristics stand at the forefront? Professional anglers will tell you casting distance, balance, darting and flash are key considerations. Realis Jerkbait is a composition of desired traits and much more.

Realis Jerkbait line-up has the best of all worlds - balanced retrieve, specific body rotation to give off a pronounced wobble and precise gait during lure's tack-movement.

The taller, flatter sides of the lure provide a larger profile, giving an impression a bigger baitfish and provide wider band of flashing to improve detection of the lure at a distance.

The multiple actions and versatility are capable in the series due to high-end componentry hidden in its durable frame structure.

DUO has truly went beyond the angler's desire when it comes to refined jerkbait fishing.

## REALIS JERKBAIT100SP/100DR/110SP

### JERKBAIT100SP

■Length/100mm (3-7/8" in) ■Weight/14.5g (1/2oz) ■Type/Suspending (Fixed Weight)  
■Hook/#5 ■Ring/Line Eye#2·Hook Eye#2 ■Range/0.8~1.5m (2~5ft)



### JERKBAIT100DR

■Length/100mm (3-7/8" in) ■Weight/15.6g (1/2oz) ■Type/Suspending (Magnet Assisted Weight)  
■Hook/#4X ■Ring/Line Eye#3·Hook Eye#2 ■Range/1.8~3.0m (6~10ft)



### JERKBAIT110SP

■Length/110mm (4-3/8" in) ■Weight/16.2g (5/8oz) ■Type/Suspending (Moving Weight)  
■Hook/#5X ■Ring/Line Eye#3·Hook Eye#3 ■Range/0.8~1.6m (2~6ft)





# REALIS JERKBAIT120SP/120F NEW

## The flagship of Realis jerkbaits

Being known for its versatility to cover water quickly or to be target orientated on the go, has made the Realis Jerkbait 120 a super tool among big bait users. The heavy flash emitted from the 120 is significant in comparison to other jerkbaits of its size is due to extremely tall profile and ability to rotate its body 180 degrees.

Large tungsten ballast rides on a sophisticated track and carriage system noted to seat tungsten bearings firmly even at extreme angles ensuring the lures dominate action at anglers initial imparted action without any danger of bearing breaking loose and killing the action.



### JERKBAIT120SP

■Length/120mm (4-3/4" in) ■Weight/18g (5/8oz) ■Type/Suspending (Moving Weight)  
■Hook/#5X ■Ring/Line Eye#3·Hook Eye#2 ■Range/1.0~1.8m (3~6ft)



### JERKBAIT120F NEW

■Length/120mm (4-3/4" in) ■Weight/17.1g (5/8oz) ■Type/Floating  
■Hook/#5X ■Ring/Line Eye#2·Hook Eye#2 ■Range/0.8~1.0m (2~3ft)



# REALIS JERKBAIT120SP LIMITED SW/PIKE/120SPX NEW

### JERKBAIT120SP SW LIMITED

■Length/120mm (4-3/4" in) ■Weight/18.2g (5/8oz) ■Type/Suspending (Moving Weight)  
■Hook/#5X TIN ■Ring/Line Eye#3·Hook Eye#3 ■Range/1.0~1.8m (3~6ft)

#### Saltwater version for unlimited salt life

The iconic jerkbait has now been adjusted for saltwater sessions with some of the most popular colors from Tide Minnow range and some unique patterns added to top it off to further enhance reputation of this cult lure also for shore and off-shore fishing.



### JERKBAIT120SP PIKE LIMITED NEW

■Length/120mm (4-3/4" in) ■Weight/17.8g (5/8oz) ■Type/Suspending (Moving Weight)  
■Hook/#3X ■Ring/Line Eye#3·Hook Eye#3 ■Range/1.3~1.8m (4~6ft)

#### Gearing up for Esox sessions

The new Pike Limited range is aimed at Europe's iconic predator and comes ready for battle - geared up with two heavy duty hooks and clothed in some of the most common pike baitfish patterns, it's ready to cause even more havoc on one of the world's finest water menace.



### JERKBAIT120SPX NEW

■Length/120mm (4-3/4" in) ■Weight/17.8g (5/8oz) ■Type/Suspending (Moving Weight)  
■Hook/STX#58 #3 ■Ring/Line Eye#3·Hook Eye#3 ■Range/1.3~1.8m (4~6ft)

#### A heavy duty tune by predator fishing icon, Kazuhiro Uyama

During his globetrotting ways, Fang's own Kazuhiro Uyama utilized Jerkbait 120SP for all type of fish ranging from peacock bass through barramundi all the way to mighty Papuan bass. Applying his experience of chasing the beasts around the world, he developed heavy duty tune 120SPX equipped with STX#58 for all the anglers chasing those large ones.







# REALIS CRANK

*M-Line Series is the epitome of all terrain mobility, balance and recovery*

Quality and durability are the basic DUO standards. Impeccable design characteristic are not just there for looks. Multiple internal beams and chambers provide structural integrity beyond standard cranks.

The M-Line's action is unprecedented. It possesses excellent tight vibration and water displacement is significant. The low co-efficiency allows for the lure to move through the water and air balanced and without heavy line tension with low keel ballast provide high obstacle avoidance.

All three crankbaits in M-Lines were loaded with performance but it is the complete package assets offered in this series that is going to give the angler an advantage. You may be able to ascertain why the M-Line was a five year project.

There is no crankbait line like it.

HAJIME MURATA  
**MLine**

# REALIS CRANK M62 5A · M65 8A / 11A

## CRANK M62 5A

■Length/62mm (2-1/2" in) ■Weight/14.3g (1/2oz) ■Type/Floating (Magnet Assisted Weight)  
■Hook/#5X ■Ring/Line Eye#2·Hook Eye#2 ■Range/1.2~1.8m (4~6ft)



## CRANK M65 8A

■Length/65mm (2-1/2" in) ■Weight/14g (1/2oz) ■Type/Floating (Fixed Weight)  
■Hook/#4X ■Ring/Line Eye#3·Hook Eye#3 ■Range/2.0~2.5m (7~9ft)



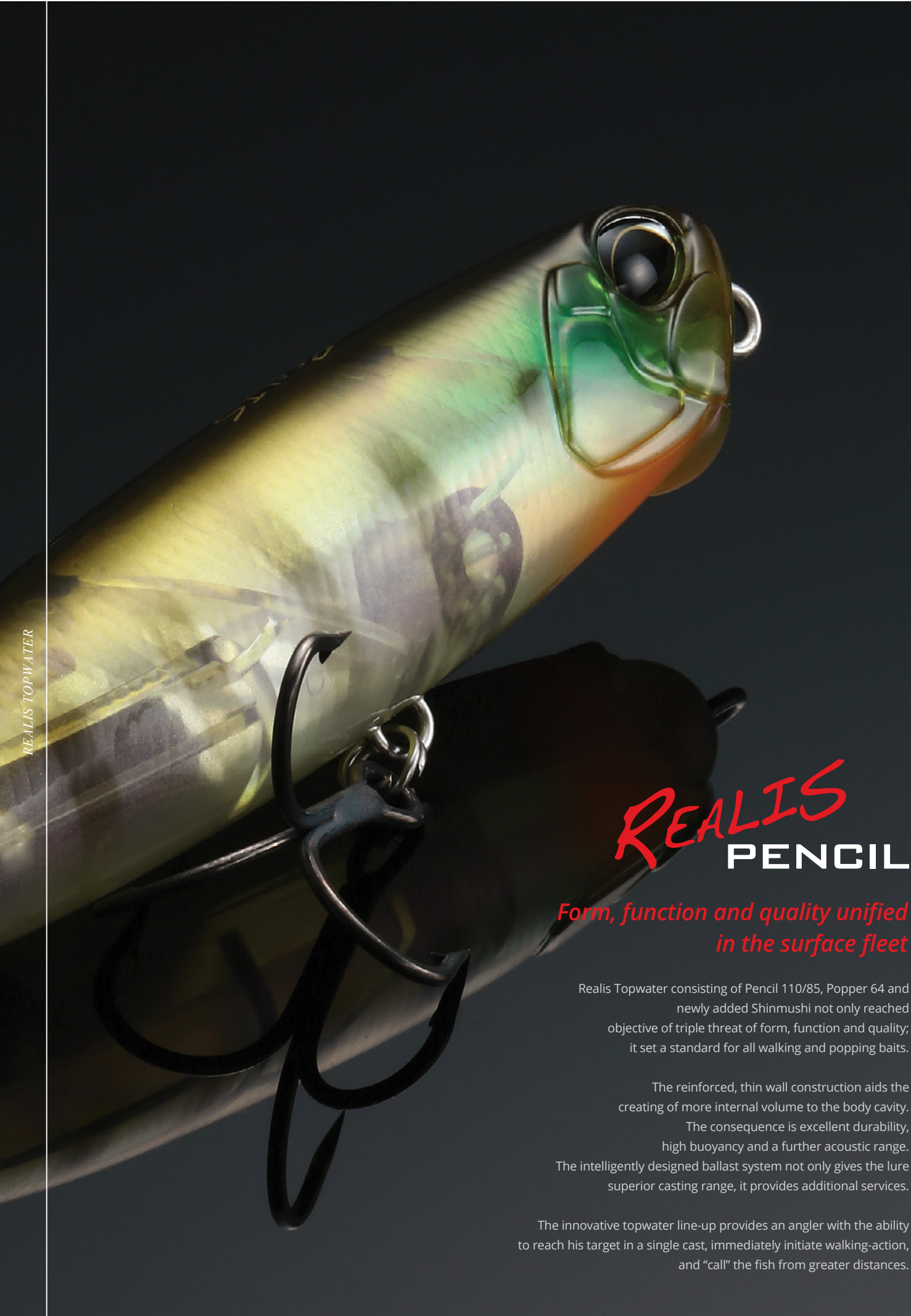
## CRANK M65 11A

■Length/65mm (2-1/2" in) ■Weight/16g (5/8oz) ■Type/Floating (Fixed Weight)  
■Hook/#4X ■Ring/Line Eye#3·Hook Eye#3 ■Range/2.5~3.5m (10~12ft)



※●Plate-equipped model





# REALIS PENCIL

*Form, function and quality unified  
in the surface fleet*

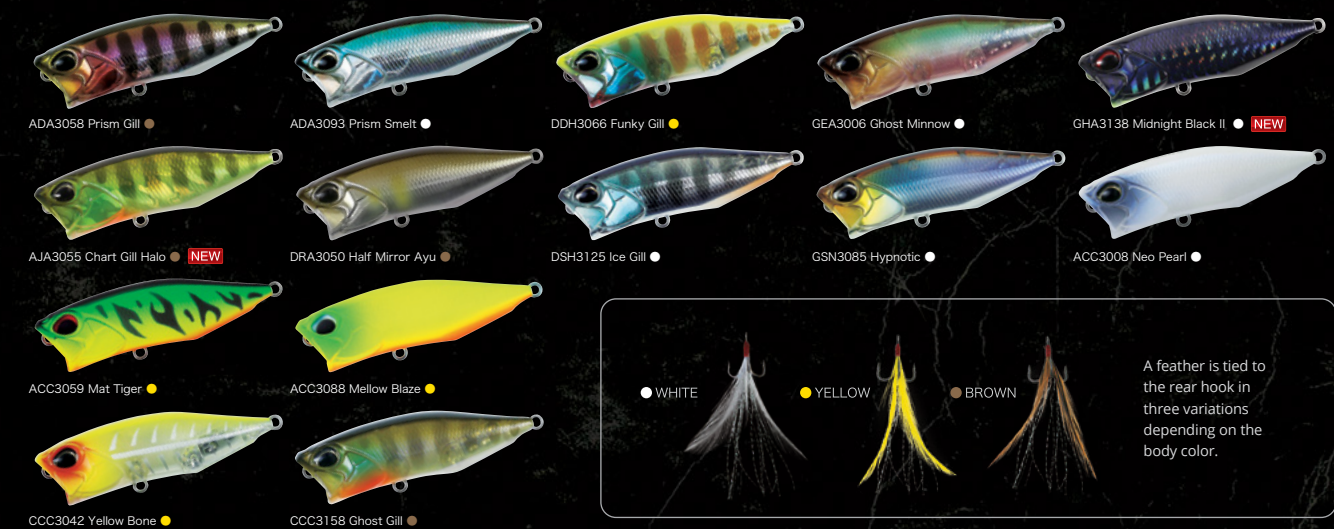
Realis Topwater consisting of Pencil 110/85, Popper 64 and newly added Shinmushi not only reached objective of triple threat of form, function and quality; it set a standard for all walking and popping baits.

The reinforced, thin wall construction aids the creating of more internal volume to the body cavity. The consequence is excellent durability, high buoyancy and a further acoustic range. The intelligently designed ballast system not only gives the lure superior casting range, it provides additional services.

The innovative topwater line-up provides an angler with the ability to reach his target in a single cast, immediately initiate walking-action, and "call" the fish from greater distances.

# REALIS POPPER64

■Length/64mm (2-1/2" in) ■Weight/9g (3/8oz)  
■Type/Floating(Fixed Weight) ■Hook/#6X ■Ring/Line Eye#2·Hook Eye#2



# REALIS PENCIL110/110 SW LIMITED NEW

## PENCIL110

■Length/110mm (4-3/8" in) ■Weight/20.5g (3/4oz) ■Type/Floating(Moving Weight)  
■Hook/#2X ■Ring/Line Eye#3



## PENCIL110 SW LIMITED NEW

■Length/110mm (4-3/8" in) ■Weight/22.5g (3/4oz) ■Type/Floating(Moving Weight)  
■Hook/#2X ■Ring/Line Eye#3·Hook Eye#3



※●Plate-equipped model



# REALIS SHINMUSHI NEW

■Length/40mm (1-5/8" in) ■Weight/5.7g (1/5oz)  
■Type/Floating (Fixed Weight) ■Hook/#10 ■Ring/#1.5

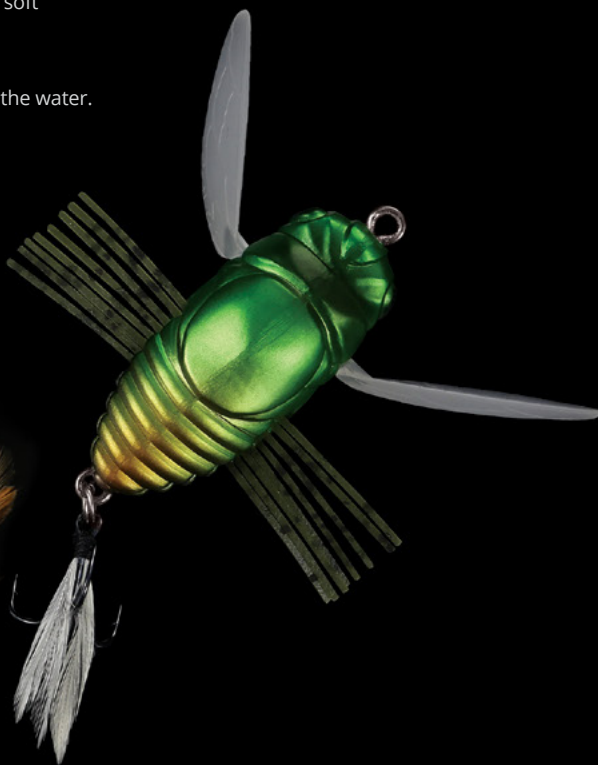
*The ultimate cicada lure packing the highest level of customization*

The Realis Shinmushi has incorporated the actions of a "hard" body and "soft" rubber legs, creating a 3 dimensional pulsation that calls fish to surface. This cicada imitation will induce bites with its silhouette and pulsation affect and will automatically induce bites while moving or just resting on the water.



## Detachable Body

By removing the belly hook eye, anglers will be able to separate the body to customize the lure depending on the given situation.

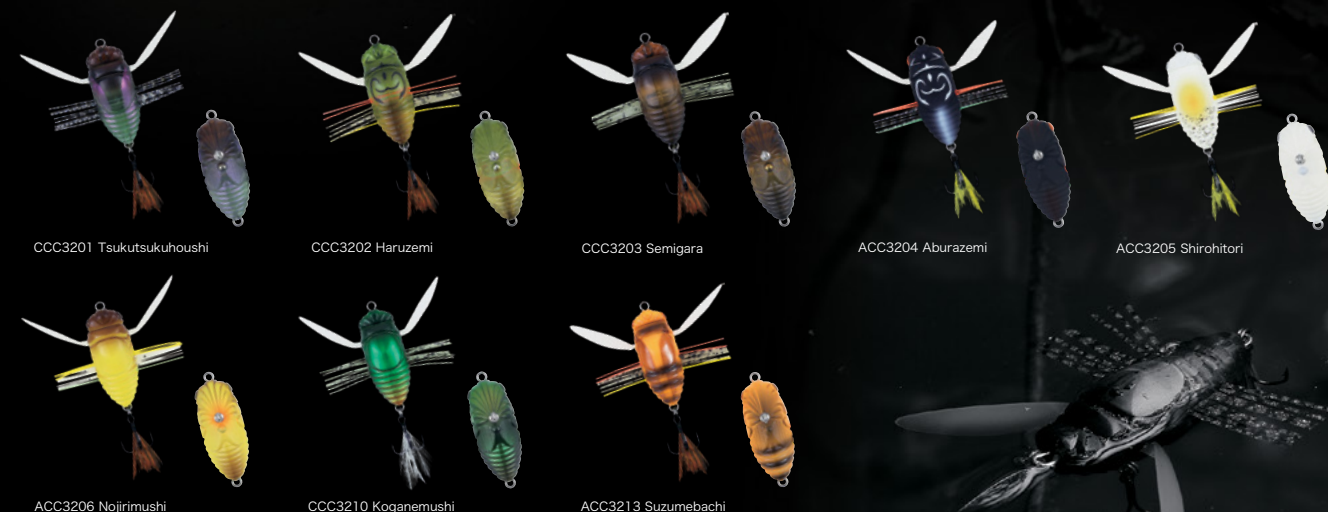


## Wings

The wings were designed as a fixed feature instead of a free moving wing, for its function as a stopper. It also enables to the lure stage a "freestyle" action while retrieving.

# Grade A

## SHINMUSHI



# REALIS CAMBIOSPIN NEW

■Weight/10.5g (3/8oz)

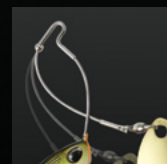
*Unleashing the new stage for spinnerbaits - soft-wired Cambiospin*

Unifying usually contradictory elements of appeal power and retrieve response, the original concept of utilizing soft wire makes Cambiospin adaptable to number of conditions.



## Blade Shape & Eye Hole

The eye hole has been especially designed as a "tear drop" shape for each blade to rotate opposite to each other.

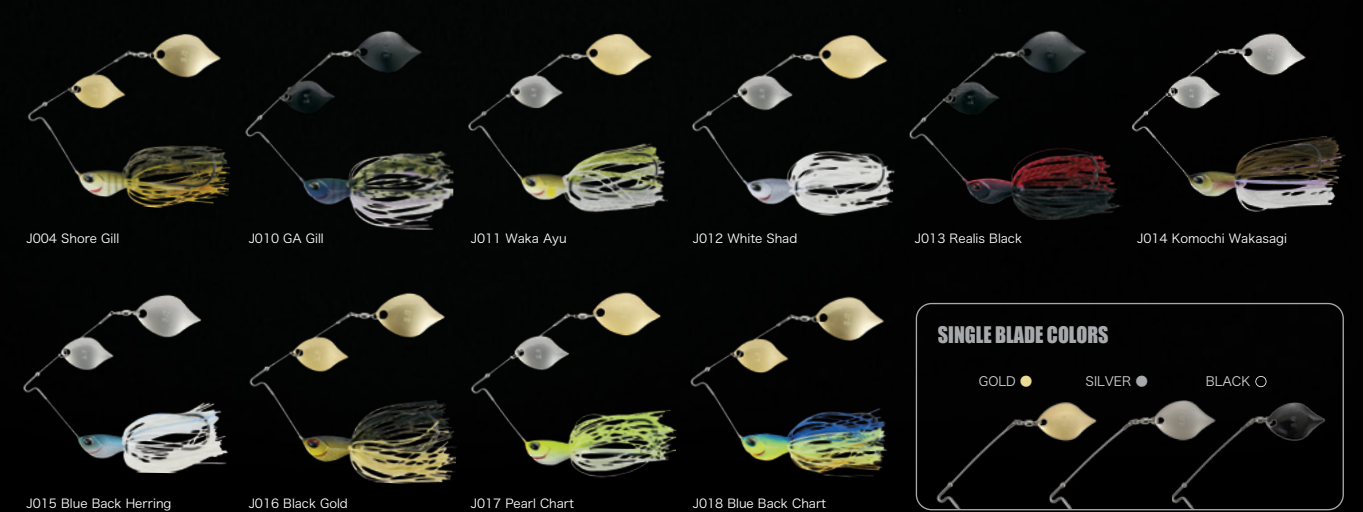


## Soft Wire

Cambiospin will transform to a more compact shape when casting, allowing for more casting distance. When the angler changes retrieval speed, the lure will change its shape, inducing a reaction bite.

# Grade A

## CAMBIOSPIN



## SINGLE BLADE COLORS

GOLD ●   SILVER ●   BLACK ○







# REALIS VIBRATION

*Explosive performance packed in  
the thinnest profile*

It's no mistake.  
This is one of the thinnest lipless crankbaits ever constructed.

Its precision aerodynamics delivers unimaginable shedding of lure drag,  
allowing the lure to cut through water in unprecedented speed and balance.  
The tight profile is met with tight vibration emitted in Realis Vibration.

Realis Vibration was designed specifically to improve trajectory,  
increase accuracy, trace deeper and provide better control.  
The advanced design coupled with performance tuning provides  
the lure a fluid resistance allowing the angler a repertoire of retrieves.

The unique actions allows for the lure to be engaged effortlessly.  
Drop your rod tip and this lure darts to the lake bottom  
but lift it and be quickly regains balance begins its tracing.  
Its tight but natural vibration is different from  
traditional lures a refreshing display of innovation.

## REALIS VIBRATION 52/62/68 62/68 G-Fix

### VIBRATION 52/62

[52] ■Length/52mm (2" in) ■Weight/9g (3/8oz) ■Type/Sinking (Fixed Weight)  
■Hook/#10 ■Ring/Line Eye#1.5·Hook Eye#1.5



ADA3058 Prism Gill



DRA3050 Half Mirror Ayu



DSH3125 Ice Gill



GSN3085 Hypnotic



MCC4054 Black Gold



ACC3049 Mat Blue Back Chart Tiger



CCC3055 Chart Gill



CCC3069 Red Tiger

### VIBRATION 68

■Length/68mm (2-5/8" in) ■Weight/16g (5/8oz) ■Type/Sinking (Fixed Weight)  
■Hook/#6X ■Ring/Line Eye#2·Hook Eye#2



ADA3033 Prism Clown



ADA3058 Prism Gill

AJA3055 Chart Gill Halo **NEW**

DSH3125 Ice Gill



GSN3085 Hypnotic



ACC3008 Neo Pearl



ACC3049 Mat Blue Back Chart Tiger



CCC3069 Red Tiger

### VIBRATION 62 G-Fix

■Length/62mm (2-1/2" in) ■Weight/14.5g (1/2oz) ■Type/Sinking (Fixed Weight)  
■Hook/#8X ■Ring/Line Eye#2·Hook Eye#2



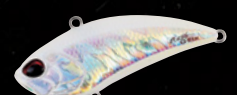
ADA3033 Prism Clown



ADA3058 Prism Gill



DDH3066 Funky Gill

GEA3006 Ghost Minnow **NEW**AJA3055 Chart Gill Halo **NEW**

AJO0091 Ivory Halo

ACC3018 Smokey Bone **NEW**

ACC3049 Mat Blue Back Chart Tiger

ACC3095 TNS Chart **NEW**

CCC3069 Red Tiger

### VIBRATION 68 G-Fix

■Length/68mm (2-5/8" in) ■Weight/21g (3/4oz) ■Type/Sinking (Fixed Weight)  
■Hook/#6X ■Ring/Line Eye#2·Hook Eye#2



ADA3058 Prism Gill



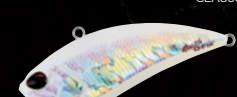
DDH3066 Funky Gill



GEA3006 Ghost Minnow

AJA3055 Chart Gill Halo **NEW**

AJA3087 Shadow Halo



AJO0091 Ivory Halo



GSN3085 Hypnotic



ACC3018 Smokey Bone



ACC3083 American Shad

ACC3095 TNS Chart **NEW**

CCC3069 Red Tiger



CCC3158 Ghost Gill





# REALIS SHAD

*Tough bite? School is in session.*

This group of shad means, "school is in session". If you're looking for a deadly finesse lure able to cover several depth columns, you've found it. - Welcome to the Realis Shad series.

This quartet of Shad; 52MR, 59SR, 59MR and 62DR; is truly finesse fishing at its best. Most petite baits are extremely difficult to manage due to their weight and profile, however with Realis Shad, an elaborate weight transfer system utilizing magnets to seat the ballast has been installed into the cavity.

An extremely balanced lure, the roll action gives off a compressed shimmer and flash when ripped. The pitch angle is set by the elaborate ballast system and works to stop when pausing a retrieve. There's no surging or drifting.

For the ultimate in finesse application, invest in the ultimate shad school. Realis Shad will cover you shallow or deep.

## REALIS SHAD 52MR / 59SR / 59MR / 62DR

### SHAD 52MR

■Length/52mm (2" in) ■Weight/3.8g (1/8oz) ■Type/Suspending (Magnet Assisted Weight)  
■Hook/#10 ■Ring/Line Eye#1·Hook Eye#1 ■Range/0.8~1.5m (2~5ft)



### SHAD 59SR

■Length/59mm (2-3/8" in) ■Weight/4.7g (1/6oz) ■Type/Suspending (Magnet Assisted Weight)  
■Hook/#10 ■Ring/Line Eye#1·Hook Eye#1.5 ■Range/0.8~1.2m (2~4ft)



### SHAD 59MR

■Length/59mm (2-3/8" in) ■Weight/4.7g (1/6oz) ■Type/Suspending (Magnet Assisted Weight)  
■Hook/#10 ■Ring/Line Eye#1·Hook Eye#1.5 ■Range/1.0~2.0m (3~7ft)



### SHAD 62DR

■Length/62mm (2-1/2" in) ■Weight/6.0g (1/4oz) ■Type/Suspending (Magnet Assisted Weight)  
■Hook/#8 ■Ring/Line Eye#1.5·Hook Eye#1.5 ■Range/1.5~2.5m (5~8ft)





# REALIS ROZANTE63SP

■Length/63mm (2-1/2" in) ■Weight/5g (1/6oz) ■Type/Suspending (Magnet Assisted Weight)  
 ■Hook/#10 ■Ring/Line Eye#1.5+Hook Eye#2 ■Range/0.6~0.8m (2~3ft)



# REALIS MINNOW80SP

■Length/80mm (3-1/8" in) ■Weight/4.7g (1/6oz) ■Type/Suspending (Fixed Weight)  
 ■Hook/#10 ■Ring/Line Eye#2+Hook Eye#2 ■Range/0.4~0.8m (1~3ft)



# REALIS CRANK48SR

■Length/48mm (1-7/8" in) ■Weight/7g (1/4oz) ■Type/Floating (Magnet Assisted Weight)  
 ■Hook/#8 ■Ring/Line Eye#2+Hook Eye#2 ■Range/0.2~0.5m (0~2ft)



# DUO International PRO STAFF

Nippon Quality touches all four corners of the globe.

DUO's philosophy of quality, innovation and superior application in bait function continues today.

It is the reason why professionals worldwide continue to desire this level of quality and precision.

DUO's research and design is extensive, costly and can exceed five times the man hours to produce, but the results are impeccable and lasting.

Our testing does not stop there - finalizing prototypes may take an additional hundred hours of proofing.

It is perfection in lure function and action that we demand.

Our testing grounds are global - from the rigorous oceanic battlegrounds of giant fish to the angling precision arenas

of the B.A.S.S. Elite Tour, our lures are proven before they reach the market.

Our creations continue to surprise, appease and resonate with the most discriminative angler and we intend to keep it that way.



Kevin Hawk



Grant Goldbeck



Casey Martin



Roy Hawk



Mike Stiles



Gregg Gutierrez



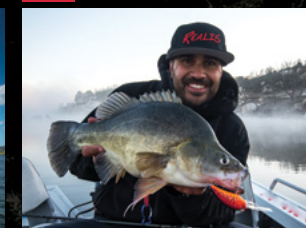
Takashi Nishijima



Jeremy Akiyama



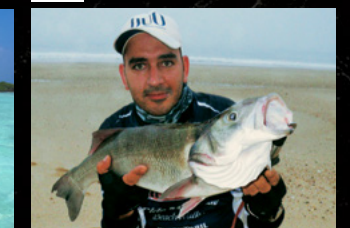
Mick Hassett



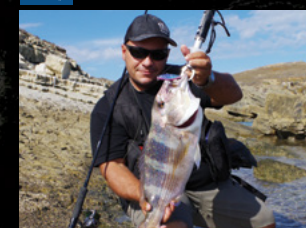
Scott Whitfield



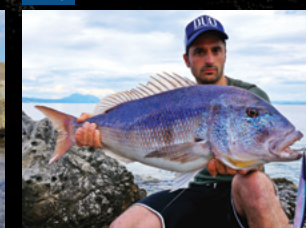
Darren Chong



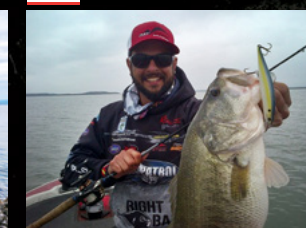
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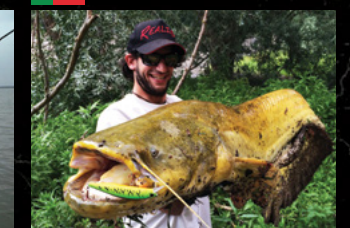
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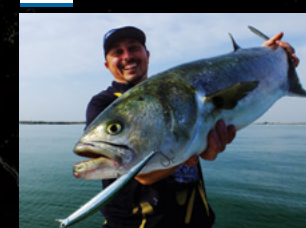
Giuseppe Fantini



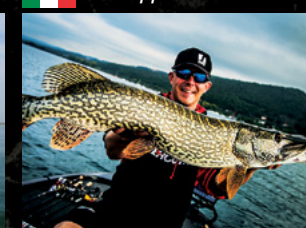
Carlos Zamorano



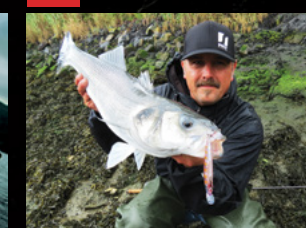
Pep Franco Seguranyes



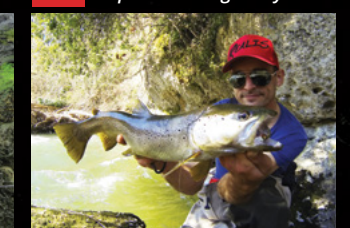
Raul Marti Pereira



Christian Biereth



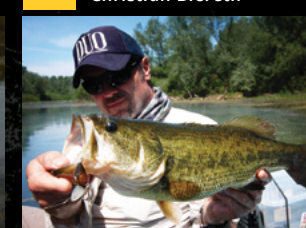
Rob Staigis



Julien Miot



Darko Pesic



Zdravko Savor



Rolando Cordoba



Felipe Yueng Garcia



REALIS  
ACTUAL SIZE

64mm  
POPPER64

90mm  
SPINBAIT90

80mm  
SPINBAIT80

100mm  
JERKBAIT100SP

110mm  
JERKBAIT110SP

120mm  
JERKBAIT120F JERKBAIT120SP

100mm  
JERKBAIT100DR

140mm  
FANGBAIT140SR

120mm  
FANGBAIT120SR

140mm  
FANGBAIT140DR

120mm  
FANGBAIT120DR

110mm  
PENCIL110

40mm  
SHINMUSHI

68mm  
VIBRATION68

62mm  
VIBRATION62

52mm  
VIBRATION52

148mm  
PENCILPOPPER148

110mm  
PENCILPOPPER110

80mm  
MINNOW80SP

63mm  
ROZANTE63SP

87mm  
CRANK G87 20A

87mm  
CRANK G87 15A

65mm  
CRANK M65 11A

65mm  
CRANK M65 8A

62mm  
CRANK M62 5A

48mm  
CRANK48SR

62mm  
SHAD62DR

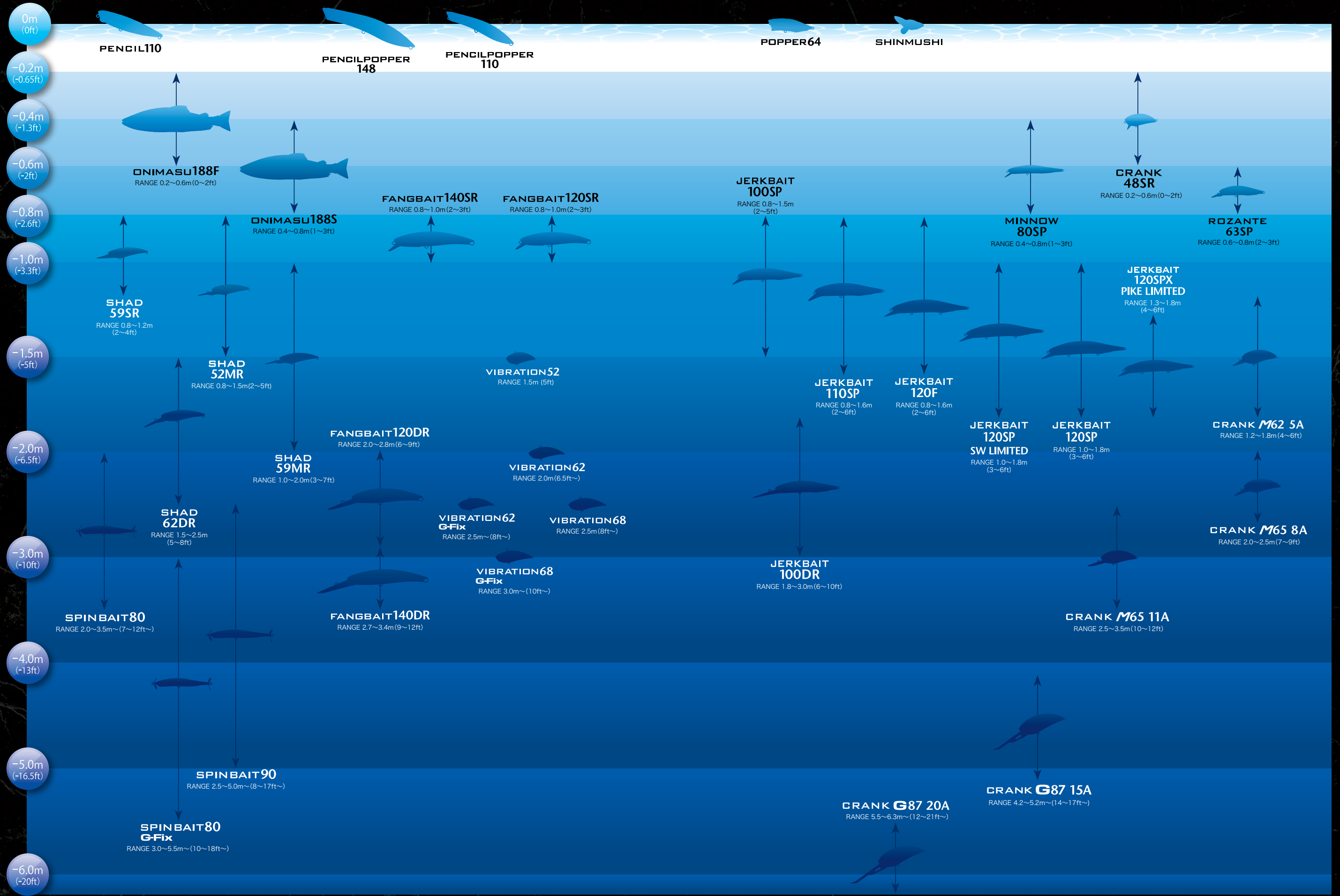
59mm  
SHAD59MR

59mm  
SHAD59SR

52mm  
SHAD52MR

REALIS ACTUAL SIZE





# REALIS DEPTH CHART

The depth of the lures might vary depending on conditions. Please use the depth chart as a general guide.



# THE SOFTBAIT PROJECT



Perfection rarely occurs immediately or in its first trial of development.  
It requires an unrelenting commitment.  
The culmination of good science, creative genius, innovation and testing is required.  
The birth of the V-Tail is the result of a two-year commitment to new DUO's soft plastic bait line.  
The goal was to create perfection that would elude industry redundancy  
and engage those who desire innovation and proven outcomes.

DUO refused to simply create "another" lure, but rather continues to maintain its commitment to lure categories  
that preserve its quality and function as seen in its prior lure development.



The R&D team developed the V-Tail's ballast system by selecting several types of sodium chloride.  
It is known bass detect salt through their many taste receptors, be it skin or mouth.  
The V-tail's salt content has specific density and leeching ratios.

Through testing, various salts were impregnated into the lure cavity without distortion.  
Even the selection of soft material used for the body's profile needed to possess  
the ability to reduce underwater drag co-efficiency during propulsion.  
DUO's carefully created unique, pliable profile with a quiver,  
dart action that would eliminate the bass' hesitation to eat the lure.

**DUO**  
International

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🌐 [www.duo-international.com](http://www.duo-international.com)  
f [www.facebook.com/RealisUSA](https://www.facebook.com/RealisUSA)

DUO CO.,LTD 1783-1 Ojima, Yaizu-shi, Shizuoka, 425-0066, JAPAN

#### Warning:

- Please do not use for purposes other than fishing.
  - Please keep out of the reach of children.
  - The hooks are very dangerous. Please use caution.
  - When casting a lure, please be sure to check the safety of the surroundings.
- When the lure and the package are no longer needed, please dispose responsibly.