

The **Digital Advantage**  
of new **MotorGuide**  
electric trolling motors



[www.marinepower.com](http://www.marinepower.com)  
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**MotorGuide®**  
**NEVER STOP.**

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## The trolling-motor story is MotorGuide

It began in the US back in the 60's, when an inventive angler named G.H.Harris came up with the idea. There were small electric motors at the time, but they were awkward to use and had to be steered by hand.

Harris developed the forerunner of today's sophisticated MotorGuide models, with a motor that would move the boat along at fishing speeds, and was easy to operate by foot... leaving the hands free to continue fishing.

Over the years, **MotorGuide has simply set the standard** in product innovation, precision engineering, outstanding performance and reliability.

Today around the world, MotorGuide is recognised for its **uncompromising quality** in trolling motors – by both experienced competition anglers and serious amateurs.

DIGITAL

## MotorGuide goes digital, and trolling motors will never be the same!

We have all become used to digital technology, in such things as mobile phones, home entertainment and in fact, most advanced electronic components.

But now, digital has arrived to the world of fishing!

As it has done so often over the last 40 years, **MotorGuide leads the way** once again, with this vastly improved technology in electric trolling motors. By incorporating digital technology, MotorGuide now offers variable-speed trolling motors with **dramatic improvements in performance, reliability, capability and serviceability!**

This digital revolution is really what the MotorGuide brand is all about. We believe there are some things you should never stop doing...

***“Never stop learning. Never stop improving.  
And, never ever stop fishing!”***



# 12 POWERFUL ADVANTAGES of MotorGuide Digital

## 1. 40 Years of Leadership

The digital trolling motor breakthrough is exclusive to MotorGuide, the most trusted name in electric trolling motors for more than 40 years

## 2. Superior materials

MotorGuide trolling motors have built a reputation for durability by using only carefully-selected metal, alloy and composite materials for all components. You won't find any cheap plastics in a MotorGuide motor!

## 3. Peace-of-mind Service Back-up

MotorGuide trolling motors are backed by a service support from our network of dealers

## 4. Digital module is fully protected from the elements

The new MotorGuide digital system is housed in a completely sealed module in a waterproof epoxy pod, that is fully protected from heat, moisture intrusion, corrosion and shock

## 5. Runs cooler and longer

MotorGuide digital motors run significantly cooler and longer than analog designs

## 6. Less amps required, less battery stress

The motors feature a new micro switch that operates on substantially less amperage than conventional motors, for far less stress and strain on the battery

## 7. Greater efficiency and a longer motor life

The control module is located in the trolling motor's lower unit, to provide maximum energy efficiency and a more consistent flow of electric current

## 8. Sustained battery life for more fishing time

MotorGuide's legendary variable speed efficiency means sustained battery life and more time on the water

## 9. Virtually eliminates sonar interference

Digital's clearer, crisper analysis and control of signals, eliminates many of the wires, transistors and high-current switches, responsible for sonar interference in analog motors

## 10. Quieter, smoother operation

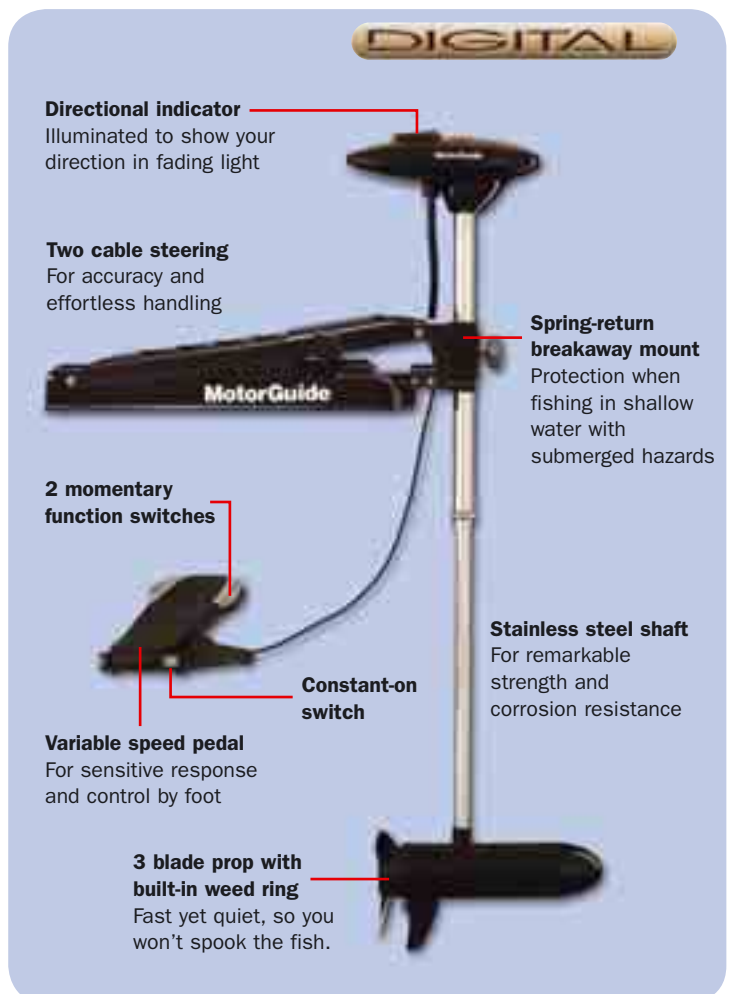
The variable speed operation is so smooth and quiet, it lets you get closer to the fish

## 11. Self-regulating for durability

MotorGuide digital motors are self-regulating, for more durable operation and an extended service life

## 12. Greater serviceability

MotorGuide digitals are designed with 'plug-in' service modules, that greatly improve serviceability



DIGITAL

# 'Digital GUARDIAN'

MotorGuide's digital breakthrough in trolling motors is further proof that our design engineers are never satisfied with the status quo.

The 'Digital Guardian' module is a mini-masterpiece of engineering. In a completely sealed unit, in a protected location, it precisely controls speed and monitors all vital engine components, eliminating the sonar interference commonly associated with analog circuit boards!



## Based on Simplicity, Built for Durability!

Like most brilliant engineering and electronic advancements, MotorGuide's patent protected Digital Guardian system simply does the job more efficiently. Going digital means more than just better performance, it's also all about improved reliability, and when it comes to trolling motors, only MotorGuide has it.

Digital Guardian monitors the motor's amp draw, heat dissipation, output and other vital parameters. The result is a motor that self regulates – a cooler, quieter, more efficient running motor over an extended life. Serviceability is also greatly improved via 'plug-in' modules.

Digital Guardian is standard in variable speed Great White® and Freshwater motors. Add MotorGuide's many other innovations,

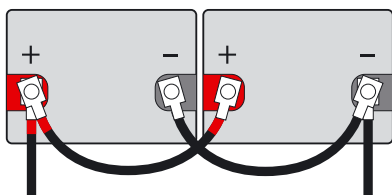
such as our patented 'breakaway' mount design, and you have trolling motors that are simply safer, and more efficient.



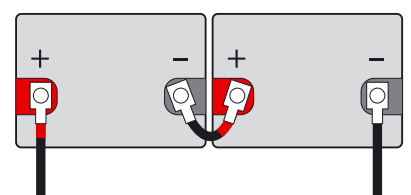
Whatever the conditions, from a fast-running coastal tide, to inland waters full of snags and grass, MotorGuide trolling motors simply keep on performing day in, day out!

## TWO BATTERY SET-UPS...for greater reliability

Set-up for two battery system for 12-volt in parallel



Set-up for two battery system 24-volt series engines



Refer to accessories page for battery options, always consult your MotorGuide Dealer before Installation.



#1 On The Water®

# DS Digital STEERING\*

**NEW**  
**DS54 12v Digital**



Once you venture out for a day's fishing, you don't want to be second-guessing your trolling motor. The Digital Steering Series features an advanced digital steering module that is fully sealed in epoxy, to protect against moisture. With the flexibility to be operated from anywhere in the boat and torque-free heel/toe functionality, the DS Series defines responsiveness and ease-of-use. And with Digital Guardian in the lower unit, the DS Series offers outstanding durability and performance in a superior quality motor.

- ▶ **Digital power from 54 to 82 pounds of thrust** with 12 and 24-volt power options
- ▶ **Completely-sealed Digital Guardian module** is protected from heat, moisture, corrosion and shock, greatly improving durability
- ▶ **Effortless electronic foot-pedal** with high speed servo-positioning digital steering
- ▶ **Quieter, smooth variable speed operation** lets you get closer to the fish
- ▶ **Tapered hub, 3-blade weed-free Machete® III prop**, designed by Mercury Propeller®
- ▶ **Straight line** – no torque digital steering, with adjustable foot pedal
- ▶ **Gator™ Breakaway** mounts for big water durability

**Digital Steering** is simply the fastest, most responsive electric steering system available. Providing immediate feedback for accurate boat positioning.

\*Digital Steering models are not available in all markets

	Model#	Thrust	Volts	Speed Control	Shaft Length	Steering Style
<b>NEW</b>	DS54FB	54	12	Variable	50"	Electric Steer/ES Servo
<b>NEW</b>	DS82FB	82	24	Variable	50"	Electric Steer/ES Servo

MotorGuide motors are the official electric trolling motor of the AFC Outdoors Series



DIGITAL

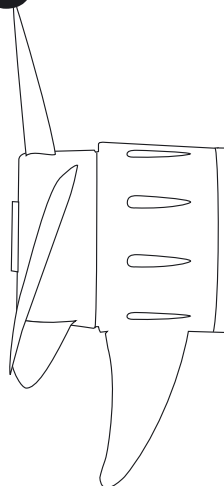
# Freshwater SERIES

## Bill DANCE

Winner of 23 US Bass titles and member  
of the International Fishing Hall of Fame



"Since putting my Digital MotorGuide on my boat, I've logged over 400 fishing days in some of fishing's toughest conditions - the strong river currents of the Mississippi, high winds on big, open waters and plowing my way through dense vegetation and lily pads, all without a single trolling motor failure. I've got a Digital MotorGuide because it is the most dependable and reliable on the market. I've got The Digital Advantage!"



No matter where you fish, there's a Freshwater Series motor that will take you from daylight to dark.

This year, a proven performer gets even better, with the addition of The Digital Advantage – only from MotorGuide. Now every variable-speed model features the 'Digital Guardian' speed control. Say goodbye to the hassles of analog and say hello to the exclusive MotorGuide Digital Advantage. Easily the longest-lasting motor you'll ever own!

- ▶ **From 30 to 82 pounds of thrust** with 12 and 24 volt power options
- ▶ **Variable speed models** feature Digital Guardian speed control. Completely sealed, it is protected from heat, moisture, corrosion and shock... greatly improving durability
- ▶ **Improved efficiency** results in extended battery life and more time on the water (variable speed models)
- ▶ **Quiet, smooth operation** lets you get closer to the fish
- ▶ **Go shallower, faster and quieter**, with our all-new tapered hub, 3-blade weed-free Machete III prop, designed by Mercury Propellers
- ▶ **Extending twist-tiller handle on** select hand control models
- ▶ **Compact**, lightweight lower units
- ▶ **New MicroSwitch** designed to withstand the demands of harsh, wet tournament conditions (bow mount models)



#1 On The Water®

# Bow Mount

## FW 54 FB DIGITAL

Built in the MotorGuide Brute® tradition, the Digital marries legendary MotorGuide durability, with digital technology in a 24-volt, variable-speed package.



### FreshWater Bow Mounted - Foot-Operated

Model	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Steering style
FW46FB	20.9/46	12	5	107	Rack & Pinion
FW54FB	24.5/54	12	5	107	Rack & Pinion

# Transom Mount

## FW 54 HTV DIGITAL

Sophisticated digital technology meets tough, non-nonsense performance in this 12-volt transom mount package. You get MotorGuide's legendary durability in a motor that keeps on performing wherever the fish are biting.



### FreshWater Transom Mounted

	Model	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Steering style
Digital	FW54HTV	24.5/54	12	Variable	107	Extended Twist-Tiller
	FW82HTV	37.2/82	24	Variable	115	Extended Twist-Tiller
Non Digital	FW30HT	13.6/30	12	5 - 2	76	Twist-Tiller
	FW36HT	16.3/36	12	5 - 2	91	Twist-Tiller
	FW46HT	20.9/46	12	5 - 2	91	Twist-Tiller
	FW54HT	24.5/54	12	5 - 2	91	Extended Twist-Tiller



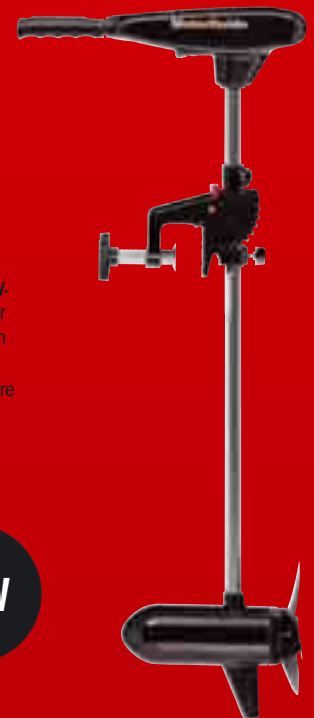
# New Thruster transom mount series

Power, performance, robustness, reliability...it's all there in the MotorGuide Thruster transom mount series.

They suit virtually any fishing application and are designed to run quietly, and run cool...so important, as the cooler the operation, the longer your battery and motor life. Heat build-up also creates the vibration and noise that spooks the fish. With a Thruster transom mount trolling motor the fish just don't hear you coming.

## THRUSTER 30 HT

Loads of thrust for your money. That defines the all-new Thruster Series. With two 12-volt transom models - providing up to 30 pounds of thrust. Both feature the all-metal mount and five forward speeds/two reverse.



**NEW**

### Thruster Transom Mounted

Model	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Steering style
T30	13.6/30	12	5	76	Twist-Tiller
T36	16.3/36	12	5	76	Twist-Tiller
T46	20.9/46	12	5	76	Twist-Tiller
T54	24.5/54	12	5	91	Twist-Tiller

DIGITAL

# Great White<sup>®</sup> SALTWATER Series



## Chris WRIGHT

2003 & 2004/05 AFC Champion, 1st AFC 2004 Hawkesbury and Docklands, AFC 2003 Hawkesbury and Docklands, Glenelg River 2004, Docklands 2003

**"These motors run and run. It's unbelievable.**

*I've tried hard to tear it up in all sorts of water, fresh, salt, you name it, and not a single failure! Only constant, solid performance day in and day out. To me, that's the most important thing a trolling motor can provide, reliable performance."*

Wherever you find the best shallow saltwater fishing, that's where you'll find MotorGuide. No piece of equipment on your boat is better prepared to take on the harsh realities of saltwater, than a MotorGuide Great White.

Never before has a trolling motor been built to better withstand the rigors of heat, corrosion and current.

These 'Great Whites' certainly have teeth. Built for long-days fishing, they tame the corrosive effects of saltwater. With an ultra-pure, aluminium coating on the centre housing, a consistent electrical potential is achieved... forming a mechanical and chemical barrier to galvanic corrosion. And now the Great White Series offers you all the advantages of Digital, in an iron-clad unit made for extreme conditions. Next time you're facing stiff headwinds and hull-pounding swells, make sure you choose the motor that defined saltwater performance – MotorGuide Great Whites...now with the Digital Advantage.

- ▶ **Digital power from 46 to 54 pounds of thrust**
- ▶ **Ultra-pure aluminium coating** "self-heals" from scratches, providing added protection in abrasive shallow water use
- ▶ **Stainless steel shaft**, fasteners and control cables
- ▶ **Anodized aluminium mounts** and components prevent galvanic corrosion
- ▶ **Machete III Prop** is quieter and has a smaller diameter than two-blade designs, for ultimate shallow water performance

### SaltWater Great White Transom Mount

	Model	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Steering style
	SW46HT	20.9/46	12	5 - 2	91	Twist-Tiller
<b>Digital</b>	SW54HT	24.5/54	12	Variable	107	Extended Twist-Tiller







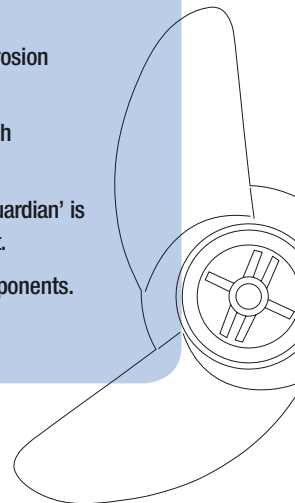
## Hand Tiller DIGITAL SERIES

**The most popular series** in our saltwater lineup. Great White hand-bow models now with Digital Guardian, so there are no exposed electronics in the head, greatly increasing reliability.



## Maximum Corrosion Protection

- ▶ New multi-step lower unit coating process includes 99.9% pure AlumiPlate coating, under zinc free epoxy powder primer.
- ▶ Polyester top-coat protects against dings and scratches.
- ▶ Dual sacrificial anodes provide the ultimate galvanic corrosion protection.
- ▶ Industry's only stainless steel shaft... long proven in harsh saltwater environments.
- ▶ No exposed electronics in the head. Great White 'Digital Guardian' is epoxy-coated and fully sealed in the waterproof lower unit.
- ▶ Anodized aircraft-aluminium mounts, with stainless components.



# MotorGuide MOUNTS

Since 1961, when the first bow mount trolling motor was invented, to the introduction of the legendary Gator® Mount, **MotorGuide has long been the leader in mount technology.** Continuing in that tradition, the Gator Spring Mount is the toughest, most trouble-free mount we've ever made. Built from lightweight extruded aircraft-aluminium, it's strength-to-weight ratio optimizes boat performance, and its unique spring-back feature protects the motor in shallow water and heavy-cover applications.



*All MotorGuide Gator mounts feature easy, one-handed operation with stainless steel positive locking pins in both the deploy and stow positions.*



**A MotorGuide mount provides a rock-steady foundation,** without being big and bulky like many competitive motors!

- ▶ **Every MotorGuide bow mount** features a hinged door for quick access motor removal.
- ▶ **Stainless steel pins** and componentry.
- ▶ **Extruded aircraft-aluminium** bow mount construction.
- ▶ **Easy-grip rubber knobs.**
- ▶ **Single-hand stow and deploy** on all bow mounts.
- ▶ **Consistent hole patterns** from mount to mount.
- ▶ **Complete with mounting hardware** for easy installation.



#### **21 Gator Spring**

Even tougher than the original. Includes spring-return, breakaway feature. Hinged door for easy motor removal. All parts extruded aircraft aluminium. 3/8" stainless steel lock and stow pins.



#### **20.5 Gator Breakaway**

The original heavy-duty Gator mount. Breakaway feature and hinged door for easy motor removal. Stainless steel lock and stow pins.



#### **24 Gator Spring XL**

A larger version of the new Gator Spring for longer shaft motors (60" and 70" motors). 3/8" stainless steel lock and stow pins.



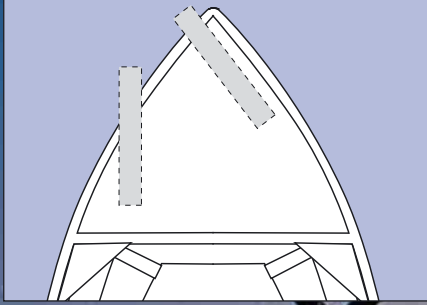
#### **23.5 Gator Breakaway XL**

All the great features of the original Gator in a larger version for longer shaft motors (60"). Stainless steel lock and stow pins.



**Bow Mount Position Examples**

*This diagram illustrates some of the preferred mounting positions on the bow deck*



**Transom Mounts**



**09 WideBite™**

Heavy-duty transom mount fits up to 3 1/4" thick transoms. Fast-tilt mechanism for easy adjustment of 7 tilt positions and new soft-touch knobs.



**03 Transom Mount**

All-metal construction with adjustable height and tilt positions. Also available in white.



**20.5 Gator Breakaway Saltwater**

Breakaway feature and hinged door for easy motor removal. Aluminium mount components are anodized to remove galvanic corrosion threat at contact points of aluminium and stainless steel. Stainless steel lock and stow pins.



**16 Breakaway**

Extruded aircraft aluminium mount with breakaway feature and hinged door for easy motor removal. Stainless steel lock and stow pins.



**23.5 Gator Breakaway XL Saltwater**

A larger version for longer shaft motors (60"). Aluminium mount components are anodized to remove galvanic corrosion threat at contact points of aluminium and stainless steel. Stainless steel lock and stow pins.



**16 Breakaway Saltwater**

Aluminium mount components are anodized to remove galvanic corrosion threat at contact points of aluminium and stainless steel.



**07 Standard Bow / Short**

Extruded aircraft aluminium mount with hinged door for easy motor removal. Available in short configuration for 36" shaft motors.

# Accessories

## MotorGuide Replacement Props

Prop	Description	Number
#10	3" Ninja™, 2 Blade Power Prop	MGA0476
#12	3 1/2" Ninja, 2 Blade Power Prop	MGA0495
#15	3 1/2" Machete, 3 Blade Metal	MGA087X6
#16	3 1/2" Machete III, 3 Blade	MGA089X1
-	3 1/2" Hydrilla Hacker, 3 Blade	MGA502A1



### Bounce Buster™ for Original Gator Mount

MGA053B6

(For 20 and 23 Gator Mounts.)

Prevents mount, motor, and boat damage in rough water conditions.



### Removable Mount

MGA068X3 (07, 15, 16 mounts)

MGA092X1 (20.5, 21 mounts)

MGA093X1 (23, 23.5, 24 mounts)

Specially designed for fish-and-ski and pontoon boats. Aluminium construction. Adapts to most trolling motors.



### Tie Down Strap

MGA029B6

Prevents damage to the boat and motor when running in rough water conditions.



### Ninja Prop Wrench

MGA050B6

Comes complete with spare prop nut and two prop pins, allowing fast prop changes.



### Mounting Isolators

MGA015PB6

Absorbs shock and protects electronics. Ideal for mounting all marine accessories without having to go under the deck. Four per package.



### Transom Motor Mount

MGA067X3

Allows the use of a transom motor on the front of a jon boat or canoe. (Engine mount not included)



### Optima® Marine Deep Cycle Battery 4,2 L (55 Amps)

67-886561



### Optima Marine Cranking & Deep Cycle Battery 5,5 L (75 Amps)

67-886562

Heavy-duty 12-volt deep cycle marine batteries designed for the rigorous demands of professional and sports fishermen with features like rapid recharge, getting you back on the water faster. Power that will last up to 2 times longer than conventional batteries, and a non-spillable, maintenance free design for hassle free use for the life of the battery.

Optima is a trademark of Johnson Controls, Inc.



### Weight Plate

MLP312315

Foot pedal weight plate for Freshwater Series bow mount motors.



### Bounce Buster II

MGA097B6

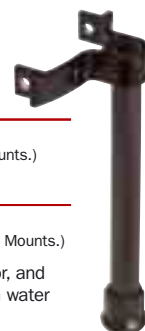
(For 21 and 24 Gator Mounts.)

### Bounce Buster III

MGB01102

(For 20.5 and 23.5 Gator Mounts.)

Prevents mount, motor, and boat damage in rough water conditions.



### Sacrificial Anode

MAR002-03

Attaches to shaft of all motors to give added corrosion protection.



### CTEK Multi XS 3600 Battery Charger

67-887158

This compact, advanced battery charger is sure to save you time, money and batteries. It produces a high-quality current with very low ripple. There is no need to disconnect the battery before charging.

# Specifications for models available in Europe, C.I.S. and Africa – Middle East markets

**MotorGuide**  
**NEVER STOP.**

## MotorGuide

### FreshWater Transom Mounted

Model	Part Number	Weight (kg)	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Shaft Material	Steering Control	Steering style	Transducers	Propellers	Mount Style	Maximum Boat Weight Recommended
FW30HT	921210061	6.10	13.6/30	12	5 - 2	76	stainless steel	Hand	Twist/Tiller	No	Power Prop (2)	#03 Transom	1,000 kg
FW36HT	921210051	7.80	16.3/36	12	5 - 2	91	stainless steel	Hand	Twist/Tiller	No	Machete (3)	#03 Transom	1,200 kg
FW46HT	921210041	9.00	20.9/46	12	5 - 2	91	stainless steel	Hand	Twist/Tiller	No	Machete (3)	#09 Transom Wide bite	1,500 kg
FW54HT	921210031	9.40	24.5/54	12	5 - 2	91	stainless steel	Hand	Extended Twist-Tiller	No	Machete (3)	#09 Transom Wide bite	1,800 kg
FW54HTV	9CC31KQAF	11.40	24.5/54	12	Variable	107	stainless steel	Hand	Extended Twist-Tiller	No	Machete (3)	#09 Transom Wide bite	1,800 kg
FW82HTV	9CT32KQCF	11.80	37.2/82	24	Variable	115	stainless steel	Hand	Extended Twist-Tiller	No	Machete (3)	#09 Transom Wide bite	2,700 kg

### FreshWater Bow Mounted - Foot-Operated

Model	Part Number	Weight (kg)	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Shaft Material	Steering Control	Steering style	Transducers	Propellers	Mount Style	Maximum Boat Weight Recommended
FW46FB	9BE21BAAF	14.80	20.9/46	12	5	107	stainless steel	Foot	Rack & Pinion	No	Machete (3)	#16 Breakaway	1,500 kg
FW54FB	9BD31EAAF	16.00	24.5/54	12	5	107	stainless steel	Foot	Rack & Pinion	No	Machete (3)	#16 Breakaway	1,800 kg

## Thruster

### Transom Mounted

Model	Part Number	Weight (kg)	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Shaft Material	Steering Control	Steering style	Transducers	Propellers	Mount Style	Maximum Boat Weight Recommended
T30	960010030	6.10	13.6/30	12	5 - 2	76	Aluminium	Hand	Twist/Tiller	No	Power Prop (2)	#03 Transom	1,000 kg
T36	960010020	7.00	16.3/36	12	5 - 2	76	Aluminium	Hand	Twist/Tiller	No	Machete (3)	#03 Transom	1,200 kg
T46	960010070	7.00	20.9/46	12	5 - 2	76	Aluminium	Hand	Twist/Tiller	No	Machete (3)	#03 Transom	1,500 kg
T54	960010050	9.00	24.5/54	12	5 - 2	91	Aluminium	Hand	Twist/Tiller	No	Machete (3)	#03 Transom	1,800 kg

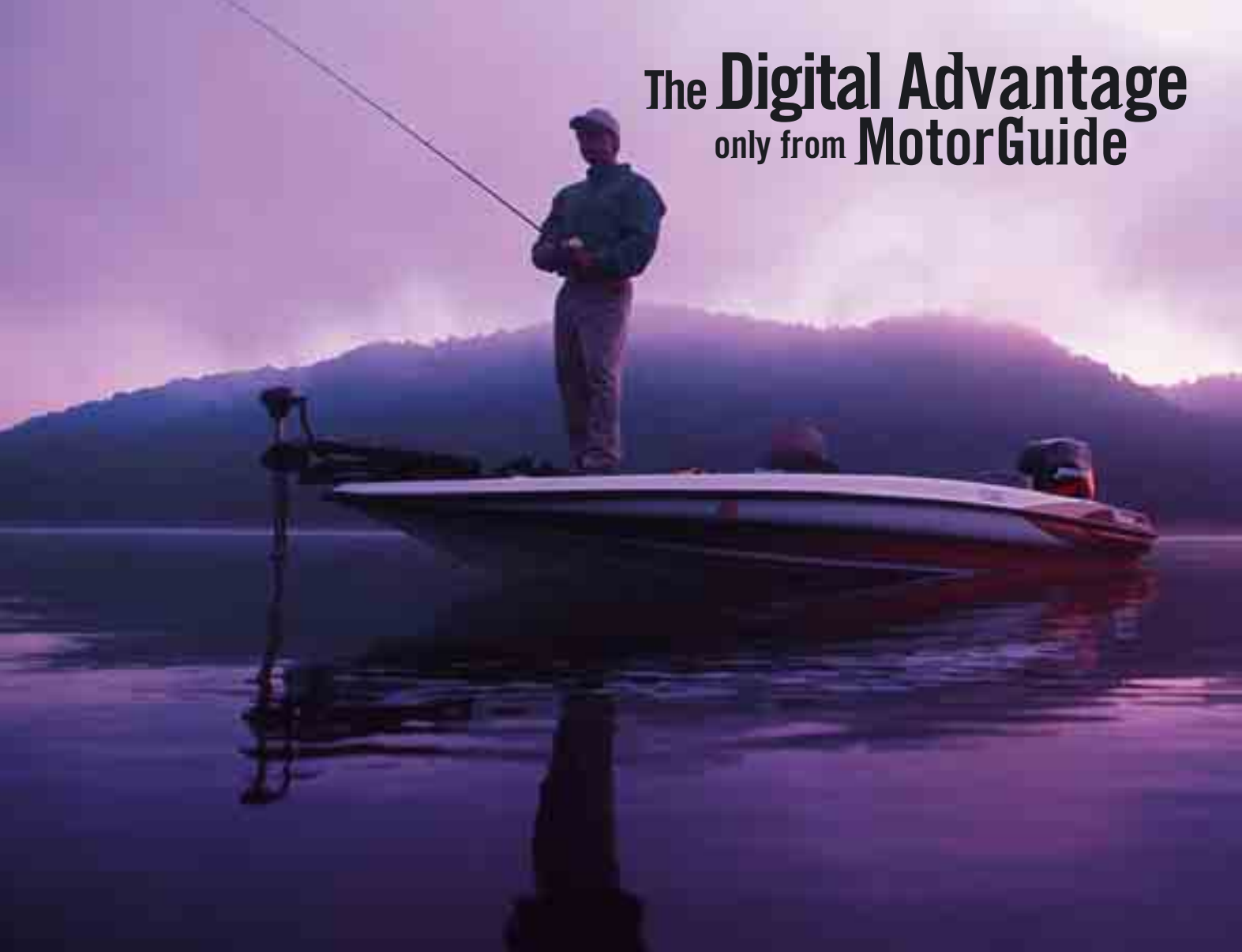
## MotorGuide

### SaltWater Great White Transom Mount

Model	Part Number	Weight (kg)	Thrust (kg / Lb)	Volts	Speed Control	Shaft (cm)	Shaft Material	Steering Control	Steering style	Transducers	Propellers	Mount Style	Maximum Boat Weight Recommended
SW46HT	9DE21KQAX	9.20	20.9/46	12	5 - 2	91	stainless steel	Hand	Twist/Tiller	No	Machete (3)	#09 Transom Wide bite SW	1,500 kg
SW54HT Digital	9CC31KQAX	9.60	24.5/54	12	Variable	107	stainless steel	Hand	Extended Twist-Tiller	No	Machete (3)	#09 Transom Wide bite SW	1,800 kg

Peak thrust ratings are benchmarked in a static tank with voltage applied to the brushes. Motor thrust ratings are benchmarked using a metal propeller. Model offerings and specifications are subject to change without notification.

# The Digital Advantage only from MotorGuide



**MotorGuide®**  
**NEVER STOP.**



The quality system of  
Marine Power Europe Inc  
is ISO 9001:2000 certified