

# FUSION POWER BOATS

KNYSNA

**SOUTH AFRICA** 

FUSION ... FOR THE FUN OF IT



The Ultimate Versatility in a Single Craft.

# FUSION... FOR THE FUN OF IT!

Fusion Power Boats was established in 2013 with the aim to develop a versatile boat that is super dry and calm in stable or rough conditions. The boats are designed and tested in the Garden Route of South Africa with the main testing grounds being the infamous Knysna Heads. We have established a reputation for our high-quality craftsmanship and the outstanding performance of these crafts.

Each Fusion Power Boat is built using the finest quality marine materials and fittings. We pride ourselves in producing a product that is made to last. The hull is constructed using RAL Pigment and high-quality NPG gelcoats, layered with fiberglass and a built-in aramid/kevlar keel strip. The inside of the hull is strengthened using Nidaplast sheets as bulkheads and webs. These compartments are then filled with high density polyurethane buoyancy foam.

The transom of the boat is strengthened using Coosa Board; Coosa Board is a high-density, closed-cell polyurethane foam,

layered with fiberglass. This board is used as an alternative to plywood and other traditional unreinforced core materials ensuring a longer lifespan. Each deck is laid up with nidaplast, fiberglass, resin and vacuum bagged, creating a light weight and high strength product. The hull and deck are joint together using a two-part adhesive.

The Fusion 19 and 21 have a built in 200l Aluminium fuel tank with access to it from a concealed hatch in the console. Each powerboat is finished off by hand using bespoke 316 Stainless Steel parts and high-quality marine fittings. We offer high end optional extras depending on what your boating requirements are.

Our custom-built trailers are manufactured by Alu-Star in Worchester. The trailers are built using a combination of aluminium and galvanized steel, this selection offers an excellent balance between durability, corrosion resistance and weight reduction.



## WHAT THE BASE BOAT INCLUDES

# **FUSION 17**

- Kevlar keel strip
- Swimming platform with adjustable step ladder
- 4x Grab bars on gunnel
- 1x Sampson post and bow roller
- 6x Railblaza starports
- Bumper rail
- Anchor hatch
- Helm seat with cushions & adjustable back rest
- 2x Forward seat hatches with stainless steel-osculati gas struts
- 2x AFT Hatches
- 2x Large Scuppers
- Optional hull colour gelcoat

#### WHAT THE CONSOLE INCLUDES

- **⊘** Console Bars



## 7

- 200L Built in fuel tank with sender
- Kevlar keel strip

#### WHAT THE CONSOLE INCLUDES



### LOOKING FOR THE PERFECT FISHING VESSEL?

LOOK NO FURTHER! The Fusion 17 is ideal for any application whether it is estuary or coastal fishing or an afternoon family cruise. The deck length allows for enough space for the whole family, yet small enough for easy, hassle-free towing and deploying.

MOTOR	60 HP L	140 HP L	30 HP L	40 HP L
SIZES	Min Single	Max Single	Min Twin	Max Twin

# Alun Boat Cast Forv Forv

- Aluminium breakneck single axle trailer
- Bolt on guide arms with PVC tubing
- Boat buckles (Set of 2)
- Casting platform
- AFT Casting platform
- Forward seat cushions x3
- Forward sun bed cushion x1
- AFT cushions x2
- Ski Bar Single engine + 2 starports
- Ski Bar Twin engine + 2 starports
- Black powder coating
- Internal Volume: 3.04 cu
- LOA: 5.69 m

**SPECIFICATIONS** 

- Waterline Lenght: 4.740 m
- Waterline Beam: 1.870 m
- Chine Beam: 1.850 m
- BOA: 2.1 m
- Freeboard: 0.46 m
- Draft: 0.33 m
- Deadrise: 13.9 Degrees
- Transom: 15 Degrees
- Transom Height: 580 mm
- CAT C Buoyancy: 106.78%
- SAMSA CAT R: 7 People
- SAMSA CAT E: 5 People
- SAMSA CAT D: 5 People

- Live bait water aeration System
- Deck wash System
- Built in cooler box under forward console seat with drainage onto the deck
- 4x Retractable 4 ½" cleats
- EVA decking
- Railblaza rod holder II Black
- Sun canopy in Aquadex/Dickson Canvas
- Boat cover in Aguadex/Dickson Canvas
- Minnkota Instinct Quest
- 60 L Built in Fuel Tank
- SAMSA CAT C: 4 People
- Trailor Wheels: 14"
- LOA on Trailer with motor up: 7910 mm
- LOA on Trailer with motor down: 7590 mm
- HOA overall on Trailer: 2150 mm
- Overall width of Trailer: 2215 mm
- Weight of Boat: 540 kg
- Weight of Trailer: 372.49 kg
- Boat and Trailer weight combined (dry): 912.49 kg
- Electronic Trolling Motor: 80 Pound thrust, 60 inch Shaft
- Min HP and Shaft length: 1x60hp L/2x 30hp L
- Max HP and Shaft length: 1x140hp L/2x 40hp L
- GRP Construction
- Wet Deck



## THIS IS OUR BEST-SELLING BOAT & LOVED BY ALL!

The Fusion 19 is our ever-popular all-round family boat, whether you are looking to fish, ski or cruise, this boat can handle it all. A smaller version of our flagship model, the Fusion 21, but with all the features that the bigger model has to offer.

MOTOR	90 HP XL	225 HP XL	50 HP XL	100 HP XL
SIZES	Min Single	Max Single	Min Twin	Max Twin

# 

- Aluminium breakneck double axle trailer
- Bolt on guide arms with PVC tubing
- Boat buckles (Set of 2)
- Casting platform
- Fusion Folding stainless steel T-Top
- Black powder coating of S/S T-Top
- Forward seat cushions x3
- Forward sun bed cushion x1
- AFT Seat cushions x2
- Ski Bar Single Engine + 2 starports
- Ski Bar Twin Engine + 2 starports
- Black powder coating (excluding S/S T-top)
- Deck wash System

- Built in cooler box under forward console seat with drainage onto the deck
- Flexi teak decking
- In gunnel rod holders (set of 2)
- 4x Retractable 6" cleats
- EVA decking
- Railblaza rod holder II Black
- Shadesail in Dickson Canvas
- Boat cover in Aquadex/Dickson Canvas
- Lewmar Pro-Fish 700 Windlass
- Minnkota Instinct Quest
- Live Bait Water Aeration System

# SPECIFICATIONS

#### Internal Volume: 4.19 cu

- LOA: 5.981 m
- Waterline Length: 5.1 m
- Waterline Beam: 2.052 m
- Chine Beam: 1.99 m
- BOA: 2.4 m
- Freeboard: 0.68 m
- Draft: 0.41 m
- Deadrise: 15.6 Degrees
- Transom: 15 Degrees
- Transom Height: 765 mm
- CAT C Buoyancy: 89.04%
- SAMSA CAT R: 9 People
- SAMSA CAT E: 6 People
- SAMSA CAT D: 6 People

#### SAMSA CAT C: 6 People

- Trailor Wheels: 14" Double
- LOA on Trailer with motor up: 8290 mm
- LOA on Trailer with motor down: 8098 mm
- HOA overall on Trailer: 2375 mm
- Overall width of Trailer: 2340 mm
- Weight of Boat: 780 kg
- Weight of Trailer: 497.22 kg
- Boat and Trailer weight combined (dry): 1277.22 kg
- Electronic Trolling Motor: 105/115 Pound thrust, 60/72 inch Shaft
- Min HP and Shaft length:1x90hp XL/2x 50hp XL
- Max HP and Shaft length: 225hp XL/2x -100hp XL
- GRP Construction
- Wet Deck



## **OUR ULTIMATE LUXURY VESSEL**

The Fusion 21 is our flagship model and known for it's abundance of space, with ample deck space, large storage lockers and two under deck storage hatches. The boat is perfect for deep-sea fishing trips up to 40 nautical miles out to sea and family cruises. The Fusion 21 can either be fitted with a single or dual motor installation.

MOTOR	150 HP XL	350 HP XL	70 HP XL	130 HP XL
SIZES	Min Single	Max Single	Min Twin	Max Twin

#### Aluminium breakneck double axle trailer

- Bolt on guide arms with PVC tubing
- Boat buckles (Set of 2)
- Casting platform
- Fusion Folding stainless steel T-top
- Black powder coating for S/S T-top
- Forward seat cushions x3
- Forward sun bed cushion x1
- AFT Seat cushions x2
- Ski Bar Single engine + 2 starports
- Ski Bar Twin engine + 2 starports
- Black powder coating (excluding S/S T-top)
- Deck wash System

- Built in cooler box under forward console seat with drainage onto the deck
- Flexi teak decking
- In gunnel rod holders (set of 2)
- 4x Retractable 6" cleats
- EVA decking
- Railblaza rod holder II Black
- Shadesail in Dickson Canvas
- Boat cover in Aguadex/Dickson Canvas
- Pilot seats with adjustable brackets
- Minnkota Instinct Quest
- Lewmar Pro-Fish 700 Windlass
- Live Bait Water Aeration System

#### Internal Volume: 5.95 cu

- LOA: 6.68 m
- Waterline Length: 5.58 m
- Waterline Beam: 2.045 m
- Chine Beam: 1.995 m
- BOA: 2.42 m

**SPECIFICATIONS** 

- Freeboard: 0.75 m
- Draft: 0.392 m
- Deadrise: 15.4 Degrees
- Transom: 15 Degrees
- Transom Height: 765 mm
- CAT C Buoyancy: 101.52%
- SAMSA CAT R: 10 People
- SAMSA CAT E: 8 People
- SAMSA CAT D: 6 People

- SAMSA CAT C: 6 People
- Trailer Wheels: 14" Double
- LOA on Trailer with motor up: 9027 mm
- LOA on Trailer with motor down: 8487 mm
- HOA overall on Trailer: 2545 mm
- Overall width of trailer: 2340 mm
- Weight of Boat: 880 kg
- Weight of Trailer: 513.31 kg
- Boat and Trailer weight combined (dry): 1393.31 kg
- Electronic Trolling Motor: 115 Pound thrust, 72 inch Shaft
- Min HP and Shaft length: 1x150hp XL/2x 70hp XL
- Max HP and Shaft length: 1x350hp XL/2x 130hp XL
- GRP Construction
- Wet Deck

# **MODELS COMPARISON TABLE**

DESCRIPTION	FUSION 17	FUSION 19	FUSION 21
INTERNAL VOLUME	3.04 CU	4.19 CU	5.95 CU
LOA	5.69 M	5.981 M	6.68 M
WATERLINE LENGTH	4.740 M	5.1 M	5.58 M
WATERLINE BEAM	1.870 M	2.052 M	2.045 M
CHINE BEAM	1.850 M	1.99 M	1.995 M
BOA	2.1 M	2.4 M	2.42 M
FREEBOARD (AMIDSHIP)	0.46 M	0.68 M	0.75 M
DRAFT	0.33 M	0.41 M	0.392 M
DEADRISE	13.9 DEGREE	15.6 DEGREE	15.4 DEGREE
TRANSOM	15 DEGREE	15 DEGREE	15 DEGREE
TRANSOM HEIGHT	580MM	765 MM	765 MM
ELECTRONIC TROLLING MOTOR	80 POUND THRUST 60 INCH SHAFT	105/115 POUND THRUST 60/70 INCH SHAFT	115 POUND THRUST 72 INCH SHAFT
MIN HP AND SHAFT LENGHTS	SINGLE: 60 HP L TWIN: 2 X 30 HP L	SINGLE: 90 HP XL / TWIN: 50 HP XL	SINGLE: 150 HP XL / TWIN: 70 HP XL
MAX HP AND SHALF LENGHTS	SINGLE 140 HP L TWIN: 2 X 40 HP L	SINGLE: 225 HP XL / TWIN: 100 HP XL	SINGLE: 350 HP XL / TWIN: 130 HP XL
MAX KW	115 KW	170 KW	260 KW
MAXIMUM SPEED	40 KNOTS	51 KNOTS	41 KNOTS
GRP CONSTRUCTION	YES	YES	YES
WET DECK	YES	YES	YES
CAT C BUOYANCY	106,78%	89,04%	101.52%
SAMSA CAT R	7 PEOPLE	9 PEOPLE	10 PEOPLE
SAMSA CAT E	5 PEOPLE	6 PEOPLE	8 PEOPLE
SAMSA CAT D	5 PEOPLE	6 PEOPLE	6 PEOPLE
SAMSA CAT C	4 PEOPLE	6 PEOPLE	6 PEOPLE
TRAILER WHEELS	14"	14" DOUBLE	14" DOUBLE
LOA ON TRAILER WITH MOTOR UP	7910 MM	8290 MM	9027 MM
LOA ON TRAILER WITH MOTOR DOWN	7590 MM	8098 MM	8487 MM
HOA OVERALL ON TRAILER	2150 MM	2375 MM	2545 MM
OVERALL WIDTH OF TRAILER	2215 MM	2340 MM	2340 MM
WEIGHT OF BOAT	540 KG	780 KG	880 KG
DISPLACEMENT WEIGHT	1318.6 KG	1970 KG	2068.6 KG
WEIGHT OF TRAILER	372.49 KG	497.22 KG	513.31 KG
BOAT AND TRAILER WEIGHT COMBINED (DRY)	912.49 KG	1277.22 KG	1393.31 KG

### CONTACT US:

#### **SOUTH AFRICA**

- 27 Progress Street,Knysna Industrial, Knysna,6570, South Africa
- +27 72 618 5630 / +27 72 634 8727
- □ admin@fusionpowerboats.com
- fusionpowerboats.com

#### **AUSTRALIA**

- Manning River Marine13 Victoria St, Taree NSW 2430,Australia
- **407 204 163**
- manningrivermarine.com.au

#### **UNITED KINGDOM**

- Blue Lagoon Marine202 Sandbanks Road, Poole,Dorset, BH14 8HA
- +44 (0) 1202 081 700
- □ liam@bluelagoonmarine.co.uk
- bluelagoonmarine.co.uk

