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**Boat Details**

Price	OUR PRICE: \$15,515	Boat Brand	Yamaha
Model	F90LB	Length	0.00
Year	2024	Category	Boat Engines and Outboards
Hull Style		Hull Type	
Power Type		Stock Number	0
Condition	New	State	Queensland
Suburb	BURPENGARY	Engine Make	

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**Description**

F90LYamaha 4 Stroke 90hp Long ShaftEFIOUTBOARD FOR SALE

The new F90 fills an important place within the Australian line up, delivering the perfect power option for the huge number of Aussie built boats rated to a maximum of 90 horsepower. Not only does this engine sit in a popular part of the market, it also delivers many new advantages that make F90 quite exceptional.

The F90 is equipped with a four-cylinder 16-valve in-line SOHC 1.8L engine, bigger displacement than the previous generation 1.5L engine it replaces. Most impressively the bigger F90 weighs in close to 10kgs lighter than the old engine. This remarkable achievement means improved performance, and better balance when fitted on hulls in this category.

The F90 is based on the F115B's four-cylinder power unit. The F90's reduction in weight and improved compactness is achieved by adopting a single overhead camshaft design (SOHC), actuating four valves per cylinder. This unique valve train design was first seen in Yamaha's award-winning F70A, one of the most popular engines in Australia. This design allows the F90 to achieve the weight savings of a single camshaft while still achieving the smooth and efficient performance only seen in 16 valve, four-cylinder engine of this size.

This lightweight powerhead configuration, refined shaping of the combustion chamber and lean fuel burn technology utilised at mid-range speeds, allows the F90 to deliver exceptional fuel efficiency.

The new F90 delivers a 10% improvement in fuel economy compared with the previous generation engine. The F90 is not only extremely fuel efficient it's also exceptionally smooth and quiet. Noise has been reduced through improved engine unit rigidity, muffler redesign as well as addition of an intake silencer.

The F90 is compatible with Yamaha's comprehensive range of command link digital gauges, with options of both basic back-lit LCD and premium full colour displays. The engine is also NMEA2000 compatible allowing the F90 to share information with third party multi-function displays, GPS and fish finders.

The amount of engine development and innovation that can be found in Yamaha's mid-range outboards is truly unique, and the new F90 strengthens Yamaha's product offering across this range. Yamaha has not resorted to a "one size fits all" style engine platform to minimize production costs. Not only does Yamaha have a class leading outboard motor in each horsepower category, Yamaha also produces the most diverse range of engine platforms within these horsepower categories. This reflects Yamaha's focus on delivering customer driven innovation to the marine marketplace. Each engine platform has been tailor-made to satisfy the individual requirements of customers and their boats. Within Yamaha's range, there is no need for Australian skippers to compromise when it comes to selecting a power option.

The all-new F90 neatly shares the same installation mounting holes as other outboards of similar sizes, making for an easy switch from a two-stroke, or other brands to the latest generation Yamaha four-stroke engine.

Available in:

- F90LB- Electric Start, Tilt System - Electric Start, Transom height - Long
- F90XB- Electric Start, Tilt System - Electric Start, Transom height - Extra-Long
- Tiller- 6X4 Multi-Function Tiller Handle(contact for details)

General Features and highlights:

- Compact size and very lightweight - 162kg(long shaft & 166kg(extra-long shaft)
- Massive 1832cc displacement for just a 90hp
- Highly efficient 16 valve Single Over Head Camshaft (SOHC) system
- ECU controlled with knock sensor which gives efficient performance
- High Output Alternator - a massive 35amp, generating 28amp at 1000rpm
- Variable Trolling Speed (set speeds between 550rpm to 1000rpm)
- Compatible with Command Link Digital gauges, including full colour option
- 5mm Offset Crankshaft for improved efficiency and performance
- 60mm Throttle and Intake Silencer, improves performance and reduces noise
- Labyrinth Exhaust System, muffles exhaust noise and improves efficiency

Price includes:

- Outboard
- Water test
- Free prop exchange

Price does not include:

- Yamaha STS Alloy Prop
- Yamaha 703 Side Control Box and Yamaha looms/wiring
- 2x Yamaha multi function digital gauges(Tacho and Speedo, Fuel level, Battery level, Trim, Hours, Warnings, etc)
- Battery, Steering, Fuel filter, Fuel tank
- Fitting(dependent on boat configuration - as a guide \$500 to \$750 for a single outboard of this size)
- Trim limiter(if required)

#### Specifications

Engine Type4-stroke, 4-cylinder, 16-valves, SOHC

Displacement1832cc

Bore x Stroke81.0 x 88.9mm

Recommended Max RPM6100RPM

Lubrication SystemWet-sump

Fuel ManagementEFI

IgnitionTCI Microcomputer

Starter SystemElectric

Alternator Output35 Amp

Trim & Tilt MethodPower trim & tilt

Digital GaugesStandard

Digital Network Gauges with Fuel ManagementOptional

Gear Ratio2.15 : 1

Engine Oil Capacity3.2L / 3.0L with/without oil filter exchange

Fuel TypeRegular Unleaded

ScavengingSingle Over Head Camshaft

Previous model/codeNew model!

#### Dimensions

Transom Length

• F90LB: 516 mm (20.3 in)

• F90XB: 643 mm (25.3 in)

#### Weight

• F90LB: 162 kg

• F90XB : 166 kg

CDI-E: CDI-Electronic Automatic

CDI-M: CDI-Microcomputer

TCI: Transistor Controlled Ignition

Prices do not include fitting or accessories where applicable.

It is a Yamaha Australia stipulation that all Yamaha Outboards be fitted and personally delivered by the selling Yamaha outboard dealership.

#### Features

Horse Power (hp)	80
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Horse Power	80
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