



F20SMHB Yamaha 4 Stroke 20hp Short Shaft, Manual Start, Mechanical Trim & Tilt System,
Fuel Injection, Tiller Handle PORTABLE OUTBOARD FOR SALE

OUR PRICE: \$4,874

FOUR-STROKE

F20

Small Horsepower, Big Punch

The New F20 EFI portable outboard, built on the same award-winning platform as the F25, uses many of Yamaha's larger engine technologies introduced in this smaller engine platform.

F20 also comes in both battery and battery-less Electronic Fuel Injection (EFI) options, for enhanced fuel economy, power and operating performance.

ADVANCED PORTABLES

- 430cc three-cylinder engine
- Variable Valve Timing-less electronic fuel injection
- Variable trolling for low-speed low-banking
- Forward control tilt options
- Available in electric or pull-start and manual or power tilt
- Exclusive VEC alloy for maximum corrosion protection
- Forward-facing fuel filter for easy and quick maintenance
- Compatible with Yamaha's premium colour and digital gauges

YAMAHA

20hp

ENGINE SPECIFICATIONS

Engine Type	430cc 3-Cylinder
Configuration	Overhead Camshaft
Ignition System	CDI
Bore x Stroke	64.0 x 56.0 mm
Compression Ratio	10.0:1
Max. HP (kW)	20.0 (14.7)
Weight (Propped Trim)	27.0 kg
Weight (Power Tilt)	29.0 kg
Trimming Range	15° Down to 20° Up
Starting Method	Manual or Electric
Operation Method	Starboard
Propeller Material	Aluminum or Fiberglass
Fuel Mixture System	Electronic Fuel Injection
Oil Capacity	1.0 L
Warranty	3 Years

Description

F20SMHB Yamaha 4 Stroke 20hp Short Shaft, Manual Start, Mechanical Trim & Tilt System, Battery-Less Electronic Fuel Injection, Tiller Handle PORTABLE OUTBOARD FOR SALE

The new F20 is built around the award winning F25, an Innovation Award-winning outboard that immediately set the industry standard. Modified ECU mapping and a redesigned camshaft allows the new F20 to harness the huge potential of this outboard and to optimize its performance. The result is an exceptionally strong outboard with the versatility to power a wide variety of boats.

The new F20 delivers fast acceleration and enhanced boat performance under load, so when it’s time to hit the water, you won’t have to leave anything (or anyone) behind. The variable trolling rpm switch makes the F20 the perfect fishing companion, while the easy to use fresh water flush attachment makes the engine a breeze to clean at the end of the day. Built-in ergonomic carry handles and two-position resting pads make it easy to remove and store the F20.

Customers can choose manual start configuration, using Yamaha’s battery-less EFI technology, to power their boat with minimum rigging requirements.

Yamaha offers a range of electric-start configurations, all with the added peace of mind of factory installed manual pull start.Available in:

- F20SMHB- Manual Start, Tiller Handle, Transom height - Standard
- F20LMHB- Manual Start, Tiller Handle, Transom height - Long
- F20SWPB- Electric Start, Multi-Functional Tiller Handle or Power Tilt System(Forward Control), Transom height - Standard
- F20LWPB- Electric Start, Multi-Functional Tiller Handle or Power Tilt System(Forward Control), Transom height - Long

General Features:POWER/PERFORMANCE

- Enhanced Acceleration and Performance Under Load
- Single Overhead Camshaft
- Battery-less Electronic Fuel Injection
- Wide-Span Mounting System

RELIABILITY/DURABILITY

- CDI Microcomputer
- Wet Sump Lubrication
- Engine Warning System
- Mechanical Single Throttle Valve Intake System

Disclaimer

Our company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct his agents and/or surveyors to investigate such details buyer desires validated. This vessel is offered subject to prior sale, price change or withdrawal without notice.

- SST Drive, Prop, Shift Shafts
 - SST Steering Tube
 - Magnetic Drain Plug
 - Sacrificial Anodes
 - YDC-30 Aluminum Alloy
 - Phaze Five™ Paint System
 - Electro-deposited Powerhead Paint Process
- CONVENIENCE/CONTROL
- High-Output (16-Amp) Alternator
 - Electric and Pull-Start Available Together (some models)
 - Retrofit Electric Start Available
 - 45-Degree Steering in both Directions
 - Built-In Resting Pads and Carry Handles
 - Variable Trolling RPM Switch (VTS®)
 - Freshwater Flush
 - Spin-on Oil Filter
 - Offset Steering Friction Lever
 - Auto Decompression Device
 - Vibration Reduction Mounting System
 - C.A.R.B. Ultra Low Emissions 3 Star Rating
 - External Oil Drain Plug

Specifications

ENGINE

Engine TypeTwo-cylinder, In-line

Displacement432 cc

Bore x Stroke65 x 65.1 mm

Full Throttle RPM Range5000 – 6000

Variable Trolling RPM Range750–1050 rpm

750–1050 rpm900 rpm

Horsepower Rating at Propshaft20 hp at 5500 rpm

Compression Ratio9.3:1

Fuel Induction/ScavengingSOHC, 2 valves per cylinder

Alternator Output16 amp

Starting MethodManual

IgnitionCDI Microcomputer

LubricationWet Sump

Degree of Trim4 positions (manual operation)

Degree of Tilt-4 through +62° (manual tilt)

ExhaustThrough Propeller

CoolingWater, Thermostatic Control

DRIVE

Gear ShiftF-N-R (Forward-Neutral-Reverse)

Gear Ratio2.08:1

SHAFT LENGTH

See Model CodeS=15" L=20"

FUEL AND LUBRICATION

Recommended FuelRegular Unleaded

Recommended Fuel FiltrationYamaha 10-Micron or Mini-10™

Recommended OilYamalube® 4-M 10w-30

Engine Oil Capacity1.1L / 1.0L (w/without filter)

LIMITED WARRANTY

Recreational 2 + 2 Years

Commercial 1 Year

WEIGHT

- F20SMHB = 57 kg
- F20LMHB = 59 kg
- F20SWPB = 62 kg
- F20LWPB = 64 kg

*Weight estimated at time of publishing includes standard propeller, which is included with this model. Weight is measured without motor and gearcase oil.

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.

Boat Brand	Model	Stock Number
Yamaha	F20SMHB	0
Length	Year	Condition
0.00 Metres	2024	New

State	Suburb	Boat Link
Queensland	BURPENGARY	