

2009 Model Information

MODEL CODE: **JT1500A9F**

MODEL NAME: ***STX-15F***



HIGH PERFORMANCE AT A BUDGET PRICE

The STX-15F is the result of combining a high-revving, large-displacement 4-stroke engine and a compact, sporty-handling hull.

Boasting a maximum output of more than 160 PS, the 4-cylinder, DOHC engine gives the STX-15F awesome performance.

For a combination of sporty handling performance and excellent ride comfort, the STX-15F features a lightweight hull and spacious seating accommodation. The competition designed sponsons give excellent grip when cornering.

Mounted in the hull is a high-rpm jet pump that makes the most of the engine's impressive output.

The STX-15F performs just as well in reverse, thanks to a redesigned bucket that makes docking easier than ever.

For maximum ride comfort, a spacious handle-to-seat position allows the machine to be comfortably ridden either sitting down or standing up.

ENGINE

4-Stroke, High Performance & Impressive Throttle Response

The 4-stroke, 4-cylinder engine is developed using Kawasaki Ninja motorcycle technology. A sophisticated ECU-controlled fuel injection system ensures that every pull of the throttle brings an instantaneous rush of satisfying acceleration.

- ★ DOHC, 16-valve, fuel-injected, in-line Four engine displaces 1,498 cc and has a bore/stroke of 83 x 69.2 mm. Compression is 10:6:1
- ★ 4-valves per cylinder provides maximum valve area for optimum flow.
- ★ Transistor controlled breakerless ignition (TCBI) uses a digital microcomputer to precisely control optimum ignition timing.

Fuel system

- ★ Electronic fuel injection system delivers hard-hitting throttle response. Throttle body diameter of 60 mm ensures quick response and high power output at all rpm.

Water Jacketed Semi-Dry Exhaust System

- ★ Double-walled exhaust manifold helps reduce noise. Water surrounding the exhaust system lowers engine compartment temperatures for more power. The semi-dry exhaust system keeps cooling water out of the exhaust before the waterbox to prevent water from entering the engine if the boat should capsize. Dual waterboxes lower noise.
- ★ Reduced emissions make this one of the cleanest watercraft around.

Lanyard engine stop switch

- ★ Engine will not crank with lanyard removed. Fastened to the rider, the lanyard cuts the ignition if the rider dismounts.

DRIVE SYSTEM

Axial-flow jet pump

- ★ High-rpm jet pump contributes to the 15F's amazing top speed and acceleration. Oval-edged, 3-blade, cast-stainless steel impeller for strong acceleration, high efficiency and low cavitation. Tough cast-stainless steel aerofoil is less likely to suffer damage, helping to prevent cavitation erosion. Special vanes on the pump inlet smooth the flow of intake water to the high-performance impeller.

Reverse

- ★ A cast-aluminium steering nozzle transfers the engine's massive thrust. The reverse bucket significantly improves backing performance.

HULL

Fibreglass hull

- ★ A modified version of the 1200 STX-R hull, this lightweight, sporty-handling hull is hand laminated and features a deep forward section and strakes for reduced waveshock. This superior design delivers the agile handling characteristics that sports riders love.
- ★ Newly designed, injection-moulded sponsons give sharp, clean turning performance.
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- ★ Large-capacity fuel tank contains 62 litres lets you cruise for longer.
- ★ Triple Kawasaki Splash Deflector (KSD) : A lateral strip on the forward section of the hull dramatically reduces water splash, especially at speed and in rough water.
- ★ High-performance keel line reduces friction while enhancing manoeuvrability and rider control.
- ★ Hull material is light yet strong Fibre Reinforced Plastic (FRP).
- ★ Integrated flotation cells make the STX-15F virtually impossible to sink.
- ★ Sturdy, full-circumference bumper design protects the hull.
- ★ Tight turning radius for excellent low-speed control.
- ★ Front inlet shape optimises water inflow. Rear of water inlet is smoother for reduced resistance.

Kawasaki Smart Steering KSS

- ★ A steering sensor is linked to the ECU to aid in boat handling when the throttle is quickly released at high speed.
This helps avoid possible collision especially for less experienced riders.

Kawasaki Smart Learning Operation

- ★ The smart learning operation (SLO) mode is designed to help new riders learn to operate a Kawasaki Jet Ski watercraft at a more relaxed pace.
In SLO mode, engine RPM is electronically restricted by the ECU to restrict engine power and



SPECIFICATIONS

ENGINE

Engine type	4-stroke, in-line four
Displacement	1,498 cc
Bore & stroke	83.0 x 69.2 mm
Compression ratio	10.6:1
Valve system	DOHC 16 valves
Fuel system	Fuel Injection; 60 mm throttle body
Ignition	Digital

DRIVE SYSTEM

Propulsion System	Jet pump, axial flow, single stage
Thrust	4,250 N

DIMENSIONS

Length	3,120 mm
Width	1,180 mm
Height	1,050 mm
Dry weight	338 kg
Fuel Capacity	62 litres
Seating Capacity	3 Person

PERFORMANCE

Maximum power	118 kW (160 PS) / 7,500 rpm
Maximum torque	152 N·m (15.5 kgf·m) / 7,250 rpm