

## ***ENGINE INFORMATION AND SPECIFICATIONS***

### **ENGINE DETAILS**

Made to provide outstanding acceleration and throttle response. Great for deck, inshore fishing, bass, aluminum tiller, aluminum console, runabout open bow, inflatable rigid hull, and fish & ski boats.

### **SPECIFICATIONS - 90**

HP / kW	<b>90 / 67</b>
Engine type	<b>8-valve single overhead cam (SOHC) Inline 4</b>
Displacement (L)	<b>2.1</b>
Full throttle RPM	<b>5000-6000</b>
Air induction	<b>Performance-Tuned Scroll Intake Manifold</b>
Fuel induction system	<b>Computer Controlled Multi-Port Electronic Fuel Injection (EFI)</b>
Alternator amp / Watt	<b>35 amp / 441 watt with water-cooled voltage regulator</b>
Recommended fuel	<b>Unleaded Regular 87 Octane Minimum (R+M/2) or 90 RON 10% Ethanol Maximum</b>
Recommended oil	<b>Mercury FourStroke Oil 10W-30</b>
Engine protection operator warning system	<b>SmartCraft Engine Guardian</b>
Compatible with SmartCraft digital technology	<b>Yes</b>
Starting	<b>Smart Start Electric</b>
Controls	<b>Mechanical throttle &amp; shift</b>
Steering	<b>Big Tiller Compatible Dual cable mechanical Hydraulic power steering</b>
Shaft length	<b>20" / 508 mm 25" / 635 mm</b>
Gearcase ratio	<b>2.07:1 or 2.38:1 (CT model)</b>
Dry weight *Lightest model available	<b>359 lbs / 163 kg; 363 lbs / 165 kg (CT model)</b>



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CARB star rating	<b>3</b>
Bore and stroke	<b>3.5 x 3.2" / 90 x 81 mm</b>
Ignition	<b>SmartCraft ECM 70 Digital Inductive</b>
Fuel system	<b>Electronic Fuel Injection (EFI)</b>
Cooling system	<b>Water-cooled with thermostat</b>
Gear shift	<b>F-N-R</b>
Gearcase options	<b>Command Thrust Standard</b>
Trim system	<b>Power Tilt Power Trim</b>
Exhaust system	<b>Through prop</b>
Shallow water trim range (degrees)	<b>20</b>
Color	<b>Phantom Black</b>
Lubrication system	<b>Wet sump</b>
Oil Capacity	<b>5.5 qts / 5.2 l</b>
Maximum Trim Range	<b>22° (-6° to 16°)</b>
Maximum Tilt Range	<b>70° (-6° to 64°)</b>