

I'm not a bot























do anyone have specs available for a 1997 90hp Force Motor? I am looking specifically for the weight of the engine. Re: Weight of 97 90hp ForceModel:1997 90ELPT Motor Type: Gasoline Vols (Electric Motors): Thrust (Electric Motors): Horsepower: 90 Cylinders: 3 Start Type: Electric Dry Weight: 285 Power Tilt and Trim: Yes Re: Weight of 97 90hp ForceThanks Rick! Just what I was looking for. Re: Weight of 97 90hp ForceRick's boat-Is that available on-line? Re: Weight of 97 90hp ForceForceThanks, Roscoe! As a rule of thumb, the weight of outboard motors ranges from 22 pounds up to 1260 pounds. The average weight within each outboard category is as follows:Portable (2.3-20 HP): 29-130 poundsMidrange (25-100 HP): 130-400 poundsHigh-performance (115-600+ HP): 370-1260 poundsIf you want to find out more about different outboard motor categories and compare their weight figures in one chart, this post is for you. You at PowerSportsGuide have compiled all you need to know under one roof! Factors That Affect the Weight of an Outboard MotorThe weight of an outboard motor involves a lot of variables, including:TypeShaft lengthDisplacementAgeLets talk about each in detail!TypeDue to their simpler design, 2-stroke outboards are lighter than their 4-stroke brothers.As an example, a 2-stroke Yamaha 15 HP outboard weighs about 80-84 pounds while you can expect the weight of a 4-stroke model to be in the ballpark of 111-132 pounds.Unfortunately, 2-stroke outboards are not marketed in the US due to EPA regulations.But if you are concerned about the weight of 4-strokes don't worry, as the latest models are much lighter than their outdated predecessors.Aside from base outboards there are special models that are lighter than the standard models, such as the 15 HP Honda BF90, which weighs only 73 lbs (33 kg).The 15 HP Honda BF90 is a 4-stroke outboard, but it is a "lightweight" model, meaning it is designed to be lighter than the standard 15 HP model (115 lbs/52 kg), and extra-long (25") as one may expect, a longer shaft makes the motor slightly heavier. For example:2023 Mercury 5 HP SMH (Short Shaft) - 55 lbs.2023 Mercury 5 HP 5MXLH (Extra-Long Shaft) - 55 lbs.DisplacementWhen it comes to outboard motors, the general rule is that the larger the displacement the greater its total weight.The lightest outboards are portable (2-20 HP) models with 50-360cc power sources. They weigh anywhere from 22-130 pounds depending on the make and model.In contrast, outboards in the high-performance class displace between 2000-7500cc. These units generate a whopping 115-600+ HP and weigh anywhere from 370-1070 pounds. Between the two extremes, you can find midrange (25-100 HP) outboards with 400-2100cc engines. You can expect their dry weight to be in the ballpark of 340-1260 pounds.AgeThanks to the development of technology, outboard motors have become lighter and lighter over the years.Example:2002 Honda BF90: 384 lbs2023 Honda BF90: 359 lbsDon't forget about the differences between an outboards dry and wet (or running) weight.The running weight is 105% of the dry weight, including the engine oil and the heaviest recommended prop.Lets drill into the details and talk about the weight of outboard motors in each of the major categories!How Much Do Outboard Motors Weigh?How Much Does a 2.5 HP Outboard Motor Weigh?The lightest gas-powered outboard motors are arguably the 2.3-2.5 HP units, weighing from 29-61 pounds.The lightest models in this class are made by Honda and Suzuki as these units only weigh 29-31 pounds.How Much Does a 4 HP Outboard Motor Weigh?You can expect the dry weight of a 4 HP outboard motor to be in the ballpark of 52-61 pounds.The lightest 4-strokes in this breed are manufactured by Suzuki with the dry weight of its 4 HP outboards starting at 52 pounds.How Much Does a 5 HP Outboard Motor Weigh?Since a 4 and 5 HP outboards typically use the same power source, the dry weights in this class also range from 52 to 61 pounds.Even though they are 4-strokes, 4 and 5 HP outboards are the lightest outboards in the 4-stroke category, but they are still heavier than 2-stroke outboards of the same horsepower.How Much Does an 8 HP Outboard Motor Weigh?If you are looking for more power, you should take a look at the 8 HP category. These outboards are de-tuned 10 HP motors. Therefore, they come with significantly larger 200-222cc, twin-cylinder engines that ensure much more torque and thrust.The dry weight of 8 HP outboards varies between 82 and 114 pounds.The lightest models are made by Mercury and Tohatsu, while the heaviest are designed by Honda.How Much Does a 10 HP Outboard Motor Weigh?Depending on their make and features, the weight of 10 HP outboards varies greatly.The dry weight in this class starts at around 90 pounds and climbs up to 128 pounds.If you are deciding between a manual or electric start, keep in mind that the latter adds 20-25 pounds to the overall weight.How Much Does a 15 HP Outboard Motor Weigh?The dry weight of 15 HP outboards is about 95-140 pounds. They are typically powered by 2-cylinder, 330-360cc engines.How Much Does a 20 HP Outboard Motor Weigh?20 HP models are considered the largest portable outboard motors.They typically share their features with their 15 HP siblings, so their dry weight is almost the same (95-146 pounds).Although they are marketed as portable units, handling these heavy outboards is not easy, especially if you are alone!How Much Does a 25 HP Outboard Motor Weigh?Unlike their twin-cylinder 15-20 HP relatives, 25 HP outboards are typically powered by 3-cylinder, 430-550cc engines.You can expect the dry weight of these models to be in the neighborhood of 130-172 pounds.How Much Does a 30 HP Outboard Motor Weigh?The dry weight of 30 HP outboards varies between 145 and 220 pounds.The majority of manufacturers use the same triple cylinder in their 20-30-40 HP models.Yamaha is one of the exceptions as they market their 30 and 40 HP outboards with a significantly larger, 747cc triple engine.How Much Does a 40 HP Outboard Motor Weigh?40 HP outboards are the most powerful models in the 20-40 HP family. Just like their smaller siblings, these models weigh between 145 and 220 pounds, but they are still heavier than 2-stroke outboards of the same horsepower.How Much Does a 50 HP Outboard Motor Weigh?50 HP outboards are typically 3- or 4-cylinder engines, displacing between 800-1000cc.How Much Does a 60 HP Outboard Motor Weigh?Its safe to say that 60 HP outboards are very close to the 50 HP siblings. These motors are typically the largest 3-cylinder outboards with 940-1000cc displacements, but you can also find some 4-cylinder units in this class.Therefore, their dry weight also falls into the range of 240-285 pounds.How Much Does a 75 HP Outboard Motor Weigh?The dry weight of 75 HP outboards varies between 350 and 400 pounds. These models are exclusively powered by inline 4-cylinder, 1500-2100cc engines.How Much Does a 90 HP Outboard Motor Weigh?90 HP outboard motors are basically equivalent to their 75 HP siblings, so it's no surprise that their dry weight also ranges from 350-400 pounds.How Much Does a 100 HP Outboard Motor Weigh?Belonging to the 75-115 HP class, 100 HP outboard motors also weigh from 350-400 pounds. These are considered the largest models in the midrange outboard category.How Much Does a 115 HP Outboard Motor Weigh?We can see huge differences in the weight of the 115 HP outboard motors (370-500 pounds).The reason for these differences is that some 115 HP motors come with over-stressed 75-100 HP engines, while others use a de-tuned 135-150 HP power source.As you can expect, the latter configuration offers higher reliability and durability.How Much Does a 140 HP Outboard Motor Weigh?140 HP outboards are often more powerful variations of their 115-135 HP brothers.Thus, the dry weight of these 4-cylinder, 2000-2350cc outboards is in the 410-500 pounds range.How Much Does a 150 HP Outboard Motor Weigh?In most outboard lineups, the 150 HP class includes the most powerful 4-cylinder engines.The dry weight of a 150 HP outboard motor can be anywhere between 450 and 530 pounds.How Much Does a 175 HP Outboard Motor Weigh?175 HP outboards can be powered by either 4-cylinder in-line, or 6-cylinder V engines that displace between 470-550 cc.How Much Does a 200 HP Outboard Motor Weigh?200 HP outboards are typically 4-cylinder engines that displace between 550-650 cc.How Much Does a 220 HP Outboard Motor Weigh?220 HP outboards are typically 4-cylinder engines that displace between 650-750 cc.How Much Does a 250 HP Outboard Motor Weigh?You can find some big boys in the 250 HP category with 3600-4600cc V6, or V8 engines.The dry weight of these outboards is from 510-660 HP, 35-40 pounds more than their 200-225 HP counterparts.How Much Does a 300 HP Outboard Motor Weigh?Depending on their design and features, the weight of 300 HP outboards varies widely.One of the main reasons for this weight increase is the dual prop setup, which has become more prevalent in this class.As an example, single-prop Suzuki 300 HP outboards weigh from 580-660 pounds, while their dual-prop equivalents weigh 730-800 pounds.Single-prop 300 HP models from other manufacturers also weigh anywhere from 510-600 pounds.Aside from the additional prop and its drive system, another reason why these dual-prop outboards are heavier is their bigger displacements.In other words, a dual-prop 300 HP is often a de-tuned 350 HP, while a single-prop motor in this class is typically an over-stressed 250 HP.Consequently, a 300 HP outboard can be powered by either a V6 or V8 engine (4000-4600cc) and weigh anywhere from 510-800 pounds.How Much Does a 400 HP Outboard Motor Weigh?You can only find a few 400 HP outboards in the marketplace like the Mercury Verado 400.Thanks to its supercharged configuration, the dry weight of this V10, 5719cc outboard is only 695 pounds.How Much Does a 500-600 HP Outboard Motor Weigh?Besides the 400 HP model, you can find 500 and 600 HP outboards in Mercurs Verado line.Both of them share the same supercharged, 7554cc, V12 power source rated at 400 and 600 HP, respectively.How Much Does a 750 HP Outboard Motor Weigh?750 HP outboards are typically 6-cylinder engines that displace between 1000-1200 cc.How Much Does a 900 HP Outboard Motor Weigh?900 HP outboards are typically 6-cylinder engines that displace between 1200-1500 cc.How Much Does a 1000 HP Outboard Motor Weigh?1000 HP outboards are typically 6-cylinder engines that displace between 1500-1800 cc.How Much Does a 1200 HP Outboard Motor Weigh?1200 HP outboards are typically 6-cylinder engines that displace between 1800-2100 cc.How Much Does a 1500 HP Outboard Motor Weigh?1500 HP outboards are typically 6-cylinder engines that displace between 2100-2400 cc.How Much Does a 2000 HP Outboard Motor Weigh?2000 HP outboards are typically 6-cylinder engines that displace between 2400-2700 cc.How Much Does a 2500 HP Outboard Motor Weigh?2500 HP outboards are typically 6-cylinder engines that displace between 2700-3000 cc.How Much Does a 3000 HP Outboard Motor Weigh?3000 HP outboards are typically 6-cylinder engines that displace between 3000-3300 cc.How Much Does a 4000 HP Outboard Motor Weigh?4000 HP outboards are typically 6-cylinder engines that displace between 3300-3600 cc.How Much Does a 5000 HP Outboard Motor Weigh?5000 HP outboards are typically 6-cylinder engines that displace between 3600-3900 cc.How Much Does a 6000 HP Outboard Motor Weigh?6000 HP outboards are typically 6-cylinder engines that displace between 3900-4200 cc.How Much Does a 7500 HP Outboard Motor Weigh?7500 HP outboards are typically 6-cylinder engines that displace between 4200-4500 cc.How Much Does a 9000 HP Outboard Motor Weigh?9000 HP outboards are typically 6-cylinder engines that displace between 4500-4800 cc.How Much Does a 10000 HP Outboard Motor Weigh?10000 HP outboards are typically 6-cylinder engines that displace between 4800-5100 cc.

Mercury Verado 400.Thanks to its supercharged configuration, the dry weight of this V10, 5719cc outboard is only 695 pounds.How Much Does a 500-600 HP Outboard Motor Weigh?Besides the 400 HP model, you can find 500 and 600 HP outboards in Mercurs Verado line.Both of them share the same supercharged, 7554cc, V12 power source rated at 400 and 600 HP, respectively.How Much Does a 750 HP Outboard Motor Weigh?750 HP outboards are typically 6-cylinder engines that displace between 1000-1200 cc.How Much Does a 900 HP Outboard Motor Weigh?900 HP outboards are typically 6-cylinder engines that displace between 1200-1500 cc.How Much Does a 1000 HP Outboard Motor Weigh?1000 HP outboards are typically 6-cylinder engines that displace between 1500-1800 cc.How Much Does a 1200 HP Outboard Motor Weigh?1200 HP outboards are typically 6-cylinder engines that displace between 1800-2100 cc.How Much Does a 1500 HP Outboard Motor Weigh?1500 HP outboards are typically 6-cylinder engines that displace between 2100-2400 cc.How Much Does a 2000 HP Outboard Motor Weigh?2000 HP outboards are typically 6-cylinder engines that displace between 2400-2700 cc.How Much Does a 2500 HP Outboard Motor Weigh?2500 HP outboards are typically 6-cylinder engines that displace between 2700-3000 cc.How Much Does a 3000 HP Outboard Motor Weigh?3000 HP outboards are typically 6-cylinder engines that displace between 3000-3300 cc.How Much Does a 4000 HP Outboard Motor Weigh?4000 HP outboards are typically 6-cylinder engines that displace between 3300-3600 cc.How Much Does a 5000 HP Outboard Motor