

# I. Specifications

	KH500	H2-C
<b>Dimensions</b> Overall length Overall width Overall height Wheelbase Road clearance Dry weight Fuel tank capacity Oil tank capacity	82.1 in. (2,085 mm) *2,125 mm 32.9 in. (835 mm) *825 mm 44.9 in. (1,140 mm) *1,100 mm 55.5 in. (1,410 mm) 5.7 in. (145 mm) 423 lbs. (192 kg) *194 kg 4.2 U.S. gal. (16 liters) 2.5 U.S. qt. (2.3 liters)	83.1 in. (2,110 mm) *2,175 mm 32.7 in. (831 mm) 46.5 in. (1,180 mm) 57.0 in. (1,448 mm) 5.5 in. (139 mm) 452 lbs. (205 kg) *208 kg 4.5 U.S. gal. (17.0 liters) 2.1 U.S. qt. (2.0 liters)
<b>Performance</b> Climbing ability Braking distance Minimum turning radius SS 1/4 mile	27° 41 ft.@31 mph (12.5 m@50 kph) 94.5 in. (2,400 mm) 14.1 sec.	40° 39.4 ft. @31 mph (12 m@50 kph) 94.5 in. (2,400 mm) 12.0 sec.
<b>Engine</b> Type Bore and stroke Displacement Compression ratio Maximum horsepower Maximum torque Port timing Inlet – Open – Close Scavenge– Open – Close Exhaust – Open – Close Carburetor type Lubrication system Engine oil Starting system Ignition system Firing order Ignition timing Spark plugs	2-stroke, 3 cylinder, piston valve 2.36 x 2.31 in. (60 x 58.8 mm) 30.4 cu.in. (498.0 cc) 6.8 : 1 52 hp/7,000 r.p.m. 39.1 ft-lb (5.4 kg-m)/6,500 rpm 76° BTDC 76° ATDC 59.5° BBDC 59.5° ABDC 89° BBDC 89° ABDC Mikuni VM28SC Injectolube oil injection 2-stroke engine oil Kick starter Electronic CDI Left, right, center 23° BTDC @4,000 rpm NGK B-9HS-10	2-stroke, 3 cylinder, piston valve 2.80 x 2.48 in. (71 x 63 mm) 45.6 cu.in. (748.0 cc) 7.0 : 1 71 hp/6,800 r.p.m. 57.1 ft-lb (7.9 kg-m)/6,500 rpm 75° BTDC 75° ATDC 58° BBDC 58° ABDC 89° BBDC 89° ABDC Mikuni VM30SC Injectolube oil injection 2-stroke engine oil Kick starter Electronic CDI Left, right, center 23° BTDC @4,000 rpm NGK B-9HS-10
<b>Transmission</b> Type Clutch Gear ratio 1st 2nd 3rd 4th 5th	5-speed, constant mesh, return shift Wet, multi-disc 2.20 (33/15) 1.40 (28/20) 1.09 (25/23) 0.92 (23/25) 0.81 (21/26)	5-speed, constant mech, return shift Wet, multi-disc 2.17 (26/12) 1.47 (28/19) 1.11 (20/18) 0.92 (23/25) 0.81 (17/21)