

HODAKA 125

PERFORMANCE BIKE

To keep things well in hand, there's a **progressive action quick-turn throttle** and spring protected cable. **Kill button**. Malleable **alloy** clutch and brake **levers** with rubber covers.

Lightweight, flexible **plastic fenders** resist impact. Rubber **mud flaps** protect rider and engine from wheel splash. **Knobbies** mounted on **shoulderless alloy rims** front and rear. **Rim locks**. Improved brake lining material. Competition-quality control cables.

The Super Combat is loaded with features such as: **Narrow gas tank** and **large filler hole** with **vented fuel cap**. **Enlarged petcocks** for increased fuel flow. **Large still air box** with micronic foam element lets it really BREATHE.

"Kicker Tube" frame reinforcements. **Cushioned rear hub**. **Grease fittings**. **Serrated steel foot pegs**.

The heart of the matter: Hodaka's 125cc engine with **CDI reed valve induction**, **5-speed transmission**, **32 mm Mikuni racing carb**, and the **Alumiferric Cylinder** that combines the heat dissipation advantages of aluminum and rebore possibilities of iron into one cylinder for increased performance.

This machine is every bit as fast as it looks and by virtue of the many accessory kits and info available from your Hodaka Dealer, **the Super Combat can be just about anything you want it to be** — an enduro machine, a fire-breathing motocrosser or a dynamite trail bike. On the trail or on the track, when you ride a Hodaka Super Combat, **you'll know you've picked a winner!**

Alloy body shocks with cooling fins. **Two mounting positions** and **rebound tension adjustment** allows tuning of suspension to suit individual preference. Heavy-duty **DAIDO chain**. **Braced chain guide** with nylon roller.

**SUPER
COMBAT**

HODAKA 125 SUPER COMBAT

SPECIAL FEATURES

Kill Button for quick shutdown.
 DID shoulderless alloy rim.
 Folding serrated self-cleaning foot pegs.
 No. 428 heavy-duty DAIDO chain (pre-lubed with silicon grease).
 3.50 x 18" 4-ply MX pattern rear tire.
 3.00 x 21" 4-ply MX pattern front tire.
 Alloy body shock absorbers with cooling fins, progressive rate springs.

Two shock mounting position.
 Progressive action, quick turn throttle.
 Narrow tank. Vented gas cap. Large filler hole.
 Grease fittings
 Complete tool kit and owners manual.
 Comfortable foam straight-top seat for easy rider movement.
 Plastic fenders with rubber mud flaps.

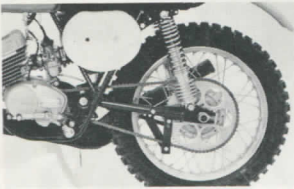
SUPER COMBAT EXTRAS



ENGINE

The Super Combat engine is a 123cc two-stroke with reed valve induction set up. 32mm Mikuni racing carburetor. Close ratio 5-speed transmission. Large still air box with micronite foam element. Engine also includes internal rotor CDI (capacitor discharge ignition), folding kick lever and low-type exhaust

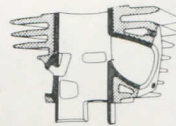
system with "straight-through" silencer.



SUSPENSION AND DRIVE TRAIN

The Super Combat features alloy body adjustable shock absorbers which can be mounted in two different positions (standard or forward) braced chain guide with nylon roller, number 428 DAIDO G heavy duty chain, MX pattern, large 3.50 x 18 rear tire, 9-gauge spokes, rim

locks in front and rear tires, cushioned rear hub and improved brake linings front and rear. The brake rod centers at the swing arm pivot and works like a full floating rear brake to decrease rear wheel hop.



ALUMIFERRIC CYLINDER

The Super Combat features a cylinder made by casting aluminum fins around an iron inner core with protrusions for ports. This is Hodaka's Alumiferric Fusion process and the results are improved cooling, better performance and lighter weight. The Alumiferric Cylinder eliminates the problems inherent in an all-iron or all-alloy

cylinder while retaining the best features of both. The Mehanite iron inner cylinder makes a rebore of up to +.040 possible and the die casting of aluminum alloy allows thinner fins for better heat dissipation.



ACCESSORY KITS

With information available through your Hodaka Dealer and Hodaka Accessory Kits such as the Enduro Speedometer Kit, the Trail Lighting Kit with flywheel magneto (for improved trail tractability) and the Super Gear Set with nickel-chrome gears and cushioned primary, you can specialize the Super Rat to fit your individual riding needs.

GENERAL SPECIFICATIONS FOR THE HODAKA 125/SC 97*

Printed in U.S.A.

ENGINE

Type..... Two-stroke gasoline, air-cooled
 Displacement..... 123cc (7.5 cu. in.)
 Bore and Stroke..... 56mm (2.20 inch) x 50mm (1.97 inch)
 Compression Ratio (Atmospheric)..... 8.6:1
 Ignition System..... Kokusan Denki MR2397 Inner Rotor CDI
 Starting System..... Kick Crank
 Spark Plug..... NGK B-9HV (Std.)
 Engine Lubrication..... Gas/oil mist
 Induction System..... Reed Valve
 Carburetor..... Mikuni VM32SC
 Throttle..... Quick Response (72°)

PERFORMANCE

Maximum Horsepower..... @ 10,000 rpm
 Maximum Torque..... @ 8,300 rpm

DRIVE TRAIN

Clutch..... Wet, multiple disc type
 Primary Drive..... Large Module Spur Gears, 21Tx59T
 Ratio: 2.81:1
 Final Drive..... No. 428 Chain (Heavy Duty-Daido) Sprocket
 14Tx64T Ratio: 4.57:1
 Transmission..... Constant mesh, 5-speed
 Overall: 1st 37.24
 2nd 25.68
 3rd 19.26
 4th 16.62
 5th 14.98

DIMENSIONS

Frame..... Double loop, tubular steel
 Length (Overall)..... 78.74"
 Width (Handlebar)..... 32.28"
 (Footpeg)..... 17.7"
 Height (Seat)..... 32.2"
 Wheelbase..... 52.36"
 Front tire..... 3.00 x 21" 4-ply MX pattern
 Rear tire..... 3.50 x 18" 4-ply MX pattern
 Wheels..... Shoulderless Alloy with 9 gauge spokes
 Ground Clearance..... 7.48"
 Dry Weight..... 191.63 lbs.
 Weight Distribution..... 42.53% (Front)/57.47% (Rear)

CAPACITIES

Fuel Tank..... 2 U.S. Gallons
 Transmission..... 1.25 Pints
 Front Forks..... Maximum 6 oz. (177.5cc) each leg

SUSPENSION

Front..... Double oil dampened Telescopic with
 Progressive Rate Springs
 Rear..... Oil Dampened Alloy body shock absorbers with
 air-cooled oil reservoir. Progressive Rate Springs

ADDITIONAL SPECIFICATIONS

Steering Angle..... 45 degrees
 Caster Angle..... 60.7 degrees
 Trail..... 5"
 Air Cleaner..... Washable micronite foam, oil saturated
 Brakes..... Internal expanding

*Our program of constant development necessitates that specifications in this brochure are subject to change without notice.