HURRICANE ENGINES

Hurricane Manufacturing Company PTY LTD

All information Supplied by Andrew W

ADDRESS

- 1/ 86-88 PRINCESS HWY SYLVANIA NEW SOUTH WALES PHONE NO LJ 7403,LJ 7646
- 2/ 781 PRINCESS HWY SYLVANIA N.S.W
 PHONE NO LJ 7403
 44 CRAMMOND BOULEVARDE CARINGBAH N.S.W
 PHONE NO LB 7739
- 3/ 5-15 HENDERSON ST TURRELA N.S.W PHONE NO 59-0531 SUBSIDIARY OF A.C.L.

ENGINE RANGE

125 AND 125A 125CC 2 STROKE ENGINE 2 1/8" BORE X 2 1/8" STROKE WICO FLYWHEEL MAGNETO AMAL CARBURETTER

MODEL 125 HAS A COMBINED HEAD AND CYLINDER BLOCK IN CAST IRON MODEL 125A HAS A DETACHABLE ALUMINIUM HEAD.

180 AND 185
160 CC 2 STROKE ENGINE 2 3/8" BORE X 2 1/8" STROKE WICO FLYWHEEL MAGNETO
AMAL CARBURETTER

MODEL 180 HAS A COMBINED HEAD AND CYLINDER BLOCK IN CAST IRON

MODEL 185 HAS A COMBINED HEAD AND CYLINDER BLOCK IN ALUMINIUM WITH A LINER

HURRICANE ALSO MANUFACTURERED MOWERS USING BOTH MOTORS, ALONG WITH KIRBY LAUSON (LV30 ?) AND KIRBY GEB 4 STROKE ENGINES

THE HAND BOOK I HAVE SHOWS A REAR DISCHARGE MOWER WITH A

CATCHER OR WIND ROWER

THEY ALSO MADE OUTBOARDS USING ALL MODELS OF ENGINES

OTHER USERS OF THE HURRICANE ENGINES WERE AS FOLLOWS

1/ AMPLION

MOWERS WITH THE 125 AND 160 CC ENGINES MINE HAS THE 125CC ENGINE

2/ COLDA

ROTARY MOWERS WITH THE 125 CC ENGINE

3/ COLLECT-O-MATIC

MOWFRS

18" ROTARY 125 ENGINES GINE MODEL 180 WITH THE 185 ENGINE

4/ CROWE

MOWERS

15", 18" ROTARY MOWERS WITH 125 CC ENGINES

5/ MOFAST

MOWERS

18" STD AND DELUXE WITH 125 CC ENGINES 20" STD AND DELUXE WITH 180/185 ENGINES

OUTBOARDS SOLD AS WATERBOYS

3 HP 125 CC ENGINES 5 HP 180 ENGINES

6 HP THIS SHOWS AS AN ENGINE WITH THE DIMENSIONS

OF THE 180/185 BUT WITH A DETACHABLE HEAD AND THE REVOLUTIONS INCREASED FROM 4300 TO

5500 RPM

6/ PRECISION

18" ROTOMOW MOWER WITH THE 125 CC ENGINES

7/ PYE

18" STANDARD MODEL MAQ A 18H WITH THE 125 CC ENGINES

8/ TECHNICO

ROTACUT MOWER WITH THE 125CC ENGINES

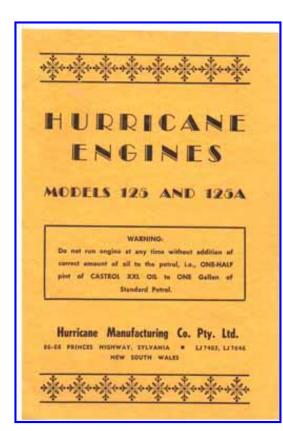
9/ CHAMP CHAINSAW UNIVERSAL WITH 185 ENGINE

10/VERSATILLER HOE

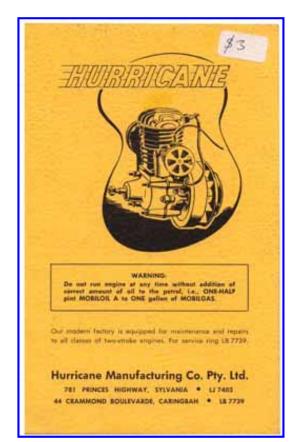
MODEL 125 ENGINE

11/PACE

ROTARY MOWER WITH MODEL 125A ENGINE









HURRICANE — SUREFIRE 125 and 125a Models

MODEL 125 HAS AN INTEGRAL CYLINDER HEAD, WHILST MODEL 125a HAS A DETACHABLE CYLINDER HEAD.

Specification,-Two stroke, air cooled. Bore: 2.125". Stroke: 2.125".

Total Cubic Capacity,-150 c.c. Swept Volume: 124 c.c.

Rotation.—Anti-clockwise looking at driving shaft.

Ignition,-Wico, Flywheel type with integral fan. Timing 5/32" before top sentre.

Carburettor,-Amal, with Bowden control, cold starting device and air filter,

Lubrication.-Petroil mixture. One half pint of Castrol XXI. oil to one gallon petrol.

Spark Plug.-Bosch W95T2.

Cylinder,—Close grained cast iron with deep cooling final Patented ports machined to close limits. Honed finish in bore.

Supplied with either integral head or for detathable

Cylinder Head.-Detachable. Aluminium alloy with deep cooling fins. Four holding bolts.

Pisten,—Low expansion alloy. Dome too type with floating gudgeon pin secured by circlips. Two piston rings.

Crankshaft Assembly.—Balanced flywheels. Keyed for flywheel magneto. Forged steel con-rod with steel rollers in big and. Hardened crankpin.

Crankcase,-Aluminium alloy two halves. Six holding bolts. Crankcase Bearings.-Two ballraces on driving shaft. One

balirace on magneto shaft. Oil Seals.—Spring-loaded moulded rubber type.

Starter Pulley.-Aluminium alloy, Lorge cliameter for easy

Muffler.—Steel pressing. Large diameter for efficient silencing without back pressure.

Cooling.-Flywheel fan.

HURRICANE - SUREFIRE 125 cc. Engine

Specification.-Two stroke, air cooled.

Bare: 2.125, Stroke: 2.125.

Cubic Capacity .- 125 ez.

Rotation,-Anti-clockwise looking at driving shaft,

Ignition.-Wice, Flywheel type with integral fan. Timing 5/32" before top centre

Carburetter,-Amai, with Bowden control and cold starting device and air filter.

Eubrication.--Petrol mixture. One-half pint of oil to one gallon

Spark Plug. KLG FE50 .025."

Cylinder Head.--Detachable. Aluminium alloy with deep cooling fins. Four holding bolts.

Cyfinder,-- Ciose grained cast iron with deep cooling fins. Parts mechined to close limits. Honed finish in bore

Pisten,-Low expansion alloy. Dome top type with floating gudgeon pin secured by circlips. Two piston rings.

Crankshaft Assembly.—Salanced flywheels. Keyed for flywheel magneto. 4" B.S.F. thread on drive end. Hardened crankpin.

Cranksase, Aluminium alloy two helves. Six holding bolts. Crankcase Bearings,-Two bullraces on driving shaft. One bellrace on magneto shaft.

Oil Seals. Spring-loaded moulded rubber type.

Starter Pulley,-Aluminium alloy. Large diameter for easy

Muffler,-Steel pressing. Large diameter for efficient silencing without back pressure

Cooling.—Hywheel fan.

HURRICANE - SUREFIRE 125 and 125a Models MODEL T25 HAS AN INTEGRAL CYLINDER HEAD, WHEST MODEL TISE HAT A DETACHABLE CYLINDER HEAD Specification. -- Two stechs, no posited Borne 2.125", Strake: 2.125"; Total Cubic Copecity:—150 cm. Swept Volume: 124 cm. Retailer. — Arti Clashware Indiany or driving shall. Ignifier. — White, Psychold Type with Integral fast Tening \$722" before tap Substitutes.—Petroli printure, One-half also of Carnel XI, ISAE, 201 of fa-one police patrol. Speek Play—Book WHICE Cylinder.—Close gravined card hists with deep cooling first. Parented years reachined to sizes limins. Honed floids in bore. Supplied with either integral head or for detachable head. Cylinder Head - Denotable on Model 125c. Aluminium alloy with deep cooling firs. Four halding builts. Plates. Low expension ofly. During tip type will finding guideon are secured by analysis. Two patter rings. Combahatt Assembly - Bottomad Ryndonic Knyed for Ryndon I respects, Record other control with shed rollers or highers. Proceedings and Spin-Creations — Abstitum alley, two turnet. The hebbrig both Creations Seeing —Two betterns on alreing shaft. One believe on Of Teels. Toming-looked resident relater type. Statter Polley. Microsisten often, Large discretic his easy stating. Mailles. State prepared, large dispraise for officient allemany arthough both pressure.

HURRICANE - SUREFIRE POWERMASTER ENGINES Model 180 Boor 2 275" Stroke: 2 135" Total Cubic Copacity: 185 c.: Swept Valence 157 c.c. Igables. Who Prychol has with integral for. Toming 5:32" Laboration. Percel minture. One-built year of Coatrol XI, oil to one pattern percel. Sent Play - Overpoor NOT, Sup 025 Cylinder Chies ground statt more with untegral bood and deep cooling law. Paternal parts must be also limits. Harten bright in blaze. Pieter, Live expension along Transitionaps with Naming pulps are exceed for confuse. Two present edge. Crushshalf Assembly —Belowed Symbols . Good for Hydron magnetic Frequent start special with their sollers or hig and Handwood croshpos. Constant, - Alarmian, play, two bales. Lie holding bales Contains Servings — The Softman or Strong show One believes or magnetic shall. Of Seels - lawny builted resolved relates type Sharter Palley, Alamount play. Longs dismost for any storing. Multips.—Start pressing. Longs elemeter for efficient elements without both pressing Cooling....Firehool for.