

# AMAL

June, 1955

LIST No. 515—Issue No. 1

## TYPE 360 & 362 CARBURETTERS For Agricultural, Industrial and Motor assisted Pedal Cycles

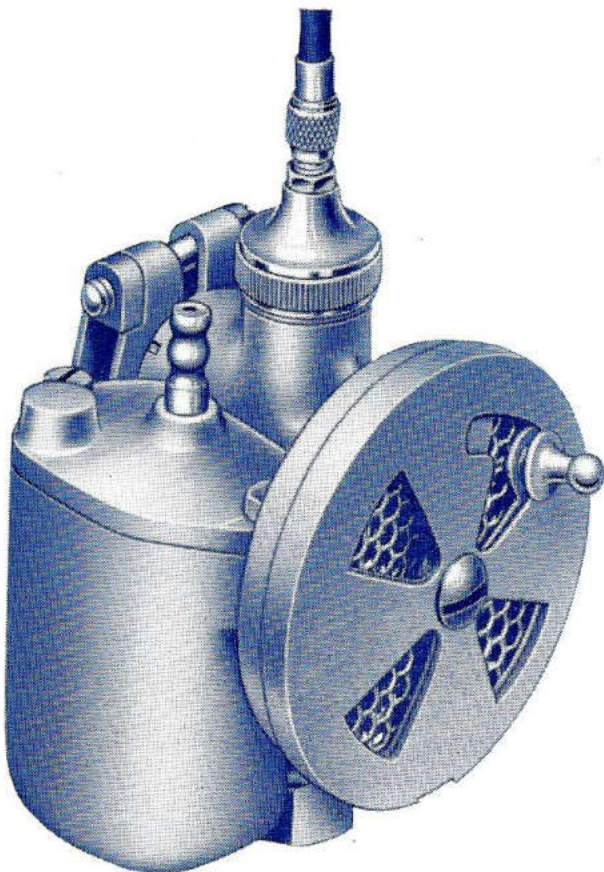
These Carburetters are designed for small engines. They have a float chamber which supplies fuel to a metering device consisting of a calibrated main jet and a needle jet in which operates a tapered needle. The tapered needle is attached to a piston type throttle valve. In the main air intake is a filter element through which all incoming air passes. Control of the throttle is by a cable which can be operated by a single lever or twist grip. Connection of the carburetter to the engine inlet pipe or cylinder induction stub diameter is by a clip.

The fuel supply connection can be by a top feed into the float chamber cover (as illustrated), or by a bottom feed into the base of the float chamber. Top feeds can be supplied suitable for an approximately  $\frac{3}{16}$ " diameter bore, push on, flexible pipe or screwed, with a nut and nipple suitable for a quarter outside diameter copper pipe. Bottom feeds are supplied with a banjo suitable for an approximately  $\frac{3}{16}$ " diameter bore, push on, flexible pipe.

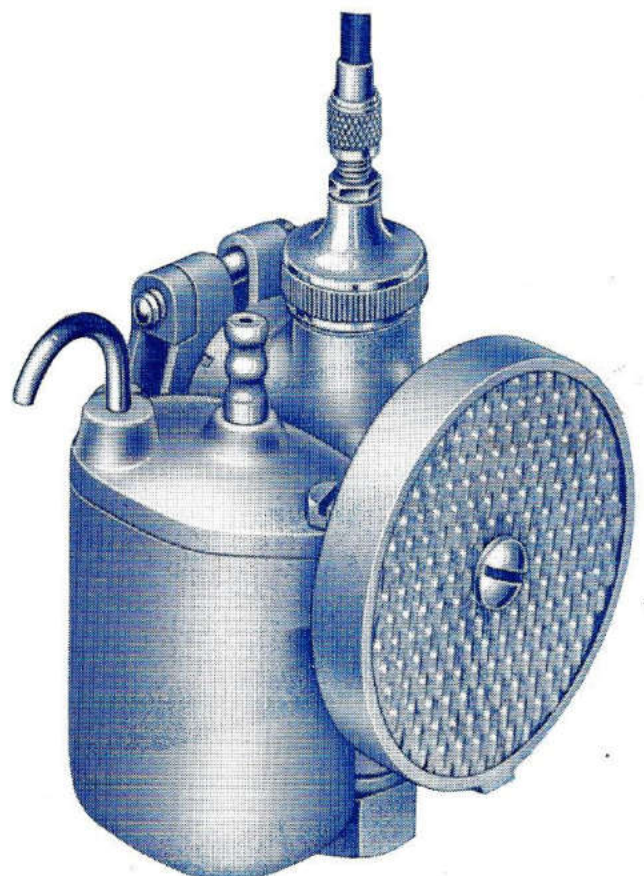
Type 360 incorporates in the float chamber a starting chamber for use when starting if the engine is cold. By lifting the hooked starting needle the starting chamber is primed with fuel and this is fed via a starting duct direct into the carburetter bore on the engine side of the throttle valve producing a correct starting mixture.

Type 362 incorporates a strangler on the main air intake for use when starting if the engine is cold. By closing the apertures with the revolving shutter, increased flow of fuel from the needle jet occurs producing a correct starting mixture.

For Hints and Tips, including How Carburetter Works, see List No. 517.  
For List of Spares .. .. . see List No. 518.



Type 362 which has strangler fitted for use when starting if engine is cold.



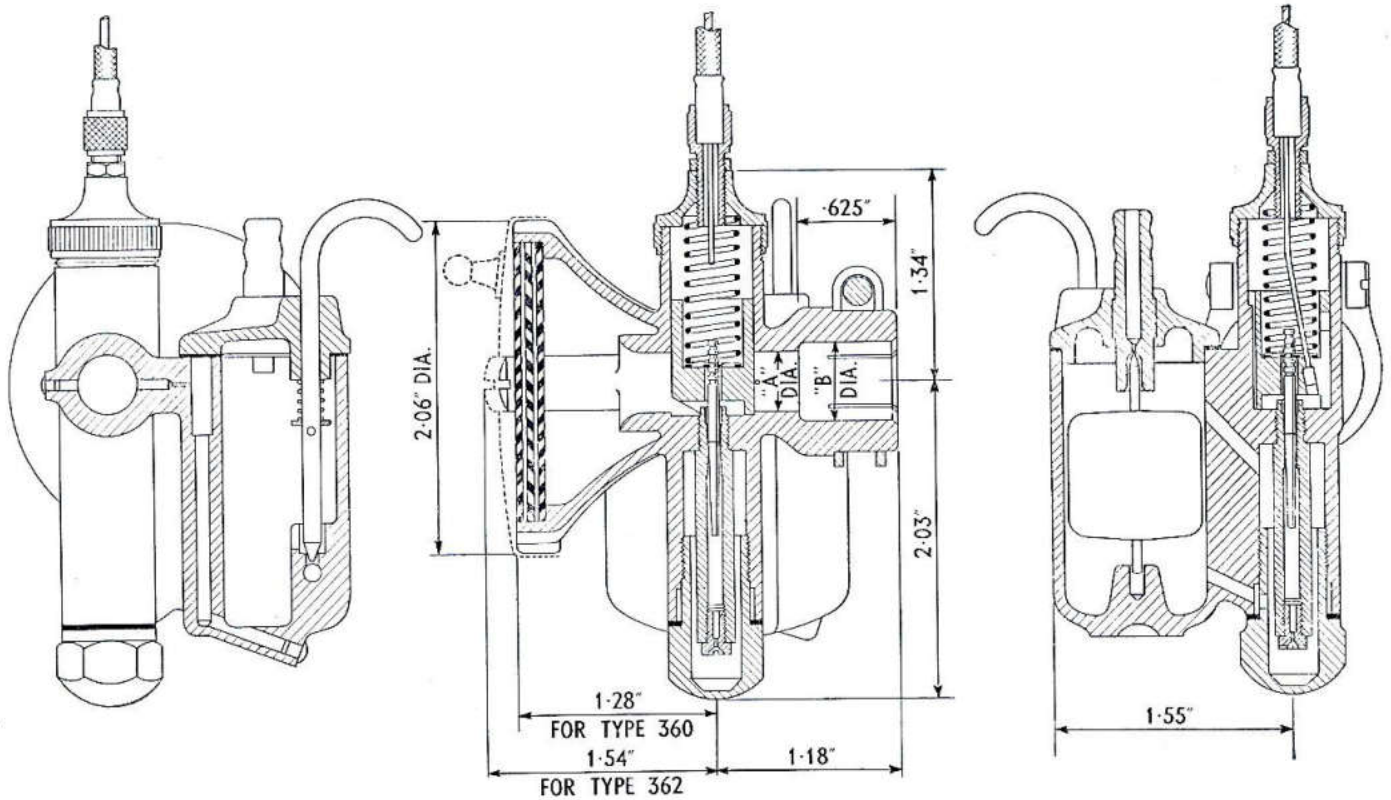
Type 360, which has a starting chamber incorporated for use when starting if engine is cold.

**AMAL LTD., HOLDFORD ROAD, WITTON,  
BIRMINGHAM 6, ENGLAND**

'Phone : Birmingham, BIRchfields 4571.  
(P.B.X. 6 lines)

Telegrams : "AMALCARB, 'PHONE.  
BIRMINGHAM."

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Carburetters are available with the following cross bore and outlet sizes.

CROSS BORE SIZE "A" DIAMETER	OUTLET SIZE "B" DIAMETER
.390	.472
.390	.500
.312	.500
.472	.553
.425	.75
.390	.553

**PRICE OF CARBURETTERS ONLY - 43s. 6d. Each**

**HOW TO ORDER.** Specify: Type, make and capacity of engine, two or four stroke, and the maximum revolutions per minute. Size of cylinder induction stub. Type of fuel supply connection to float chamber of carburetter.

**STANDARD CONTROLS** suitable for operating these carburetters:

- Type 355. Single Lever, Clip fixing, suitable for  $\frac{7}{8}$ " diameter and  $\frac{3}{4}$ " diameter bars.
- Type 314. Single Lever, double action, for operating in addition to carburetter a decompression valve, etc., clip fixing, suitable for  $\frac{7}{8}$ " diameter bar.
- Type 306. Twist Grip, suitable for  $\frac{7}{8}$ " diameter bar.

*GUARANTEE.—The Company take all possible reasonable care in the manufacture and the quality of their products. Purchasers are informed that, any part proved to be defective in manufacture or quality, and returned to the works within six months of its purchase new, will be replaced. The Company must respectfully point out however, that its responsibility and that of its agents, stockists and dealers, is limited to this Guarantee, and that they cannot, under any circumstances, be held responsible for any loss or for any contingent or resulting liability arising through any defect. These conditions of sale and use also apply when the Company's products form part of the original equipment of machines purchased new.*

2,000/6/55. W.

Prices stated are those ruling at the date of this list.

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