

1965

CHAPTER THIRTEEN / 201cc to 500cc

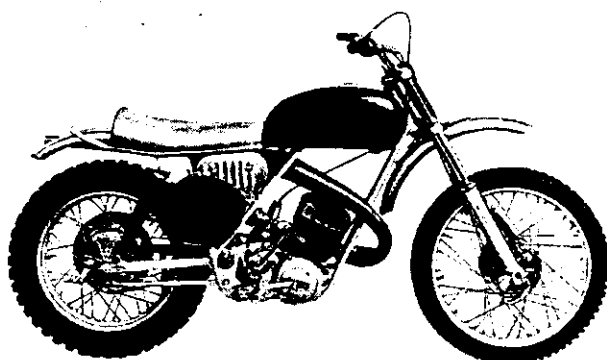
# MIDDLEWEIGHT CATALOG



## AJS 250 SCRAMBLER

### A NEW WEAPON FOR THE SCRAMBLES WARS

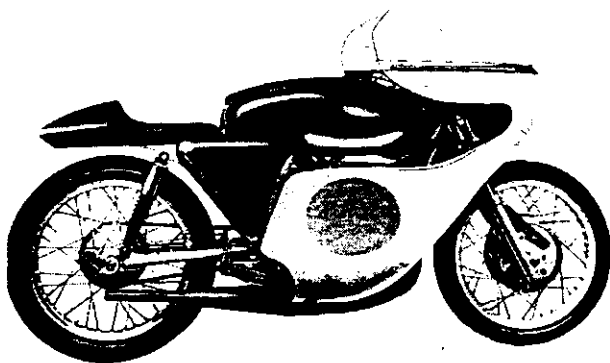
Two-stroke engine. Piston-port induction system. Single cylinder. Displacement — 246cc. Maximum horsepower — 25 at 6400 rpm. 4-speed, constant mesh gearbox. All metal diaphragm spring multiplate clutch. Fuel tank capacity — 2 gallons. Ultra-light Norton-Villiers internal expanding brakes. Weight — 205 pounds. 21-inch front wheel. 18-inch rear wheel. Duplex cradle-type, tubular frame. Tuned upswept exhaust system. High braced Scrambles bars. Front suspension — tubular telescopic. Rear suspension — swing arm. Front and rear suspension oil damped.



## AJS 250 ROAD RACER

### VERY LATEST FROM ENGLISH DRAWING BOARDS

Two-stroke engine. Piston-port induction system. Single cylinder. Displacement — 246cc. Redesigned Villiers Starmaker engine with changes in transfer and exhaust ports, exhaust system and lower end assembly. Maximum horsepower — 32 at 8400 rpm. 1½-inch carburetor. Six-speed, constant mesh gearbox. All metal diaphragm-spring multiplate clutch. Duplex cradle-type frame. Two gasoline tanks. Capacity, top tank — 3¼ gallons. Capacity bottom tank — 1¾ gallons. Weight with fairing — 198 pounds. Top speed — 120 mph.



## BENELLI CALIFORNIA BARRACUDA

### TRUE ITALIAN CRAFTSMANSHIP WITH CUSTOM LOOK

Four-stroke engine. Pushrod-operated overhead valves. Single horizontal cylinder for better cooling and lower c.g. Displacement — 250cc. Bore and stroke — 74mm x 57mm. Gear primary drive. Maximum horsepower — 24 at 8000 rpm. 5-speed, constant mesh gearbox. Wet-type multiplate clutch. Chain final drive. Pressed steel, backbone-type frame. Front and rear suspension oil damped. Front suspension — tubular telescopic. Rear suspension — swing arm. Wheelbase — 51 inches. Dual seat on fiberglass base. Fiberglass fuel tank. Center stand. Price — \$649.

