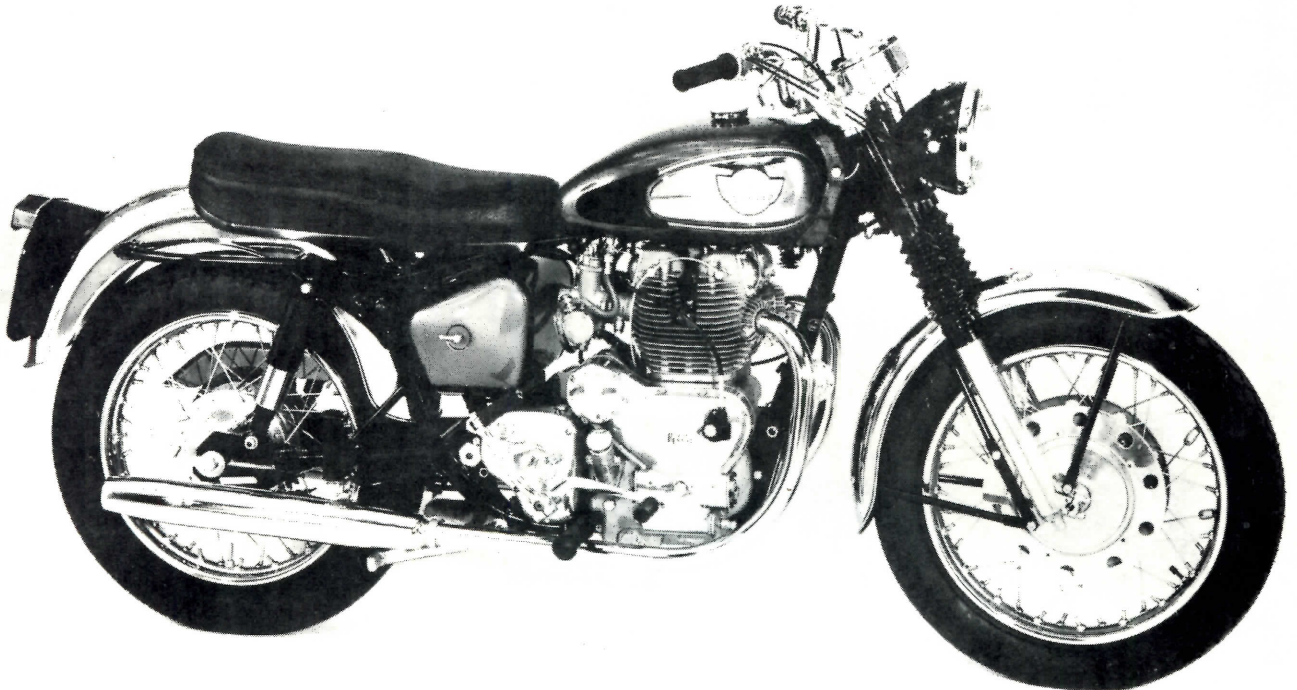


Royal Enfield

1966 750cc INTERCEPTORS



750 Custom Interceptor
1-Carb Accelo. Cams

750 G.T. Interceptor
2-Carbs. Accelo. Cams

750 TT Interceptor
2-Carbs. Race Cams

COMPARE - Then You'll Choose ROYAL ENFIELD

The Most Powerful and Best Handling Motorcycle for the Road

CYCLE WORLD ROAD TESTED AT 120.5 MPH

COMPARISON CHART of the BEST BRITISH SPORTS MOTORCYCLES

	ROYAL ENFIELD	MOTORCYCLE "B"	MOTORCYCLE "C"	MOTORCYCLE "D"
ENGINE SIZE	750cc Interceptor	650cc	650cc	750cc
PISTON STROKE	93mm Stroke	82mm Stroke	74mm Stroke	89mm Stroke
CYLINDER BORE	71mm Bore	71mm Bore	75mm Bore	73mm Bore
MAIN BEARINGS Drive Side	3 - 11/32" Ball	2 - 13/16" Roller	2 - 13/16" Roller	2 - 13/16" Roller
Timing Side	3 - 11/32" Roller	2 - 1/2" Ball	1 - 3/8" Bushing	2 - 7/8" Ball
CRANKSHAFT ASSEMBLY	NODULAR STEEL	BOLTED 2-PIECE	BOLTED 2-PIECE	BOLTED 3-PIECE
Drive Side Shaft Dia.	1 - 3/4"	1 - 1/8"	1 - 1/8"	1 - 3/16"
Timing Side Shaft Dia.	1 - 3/4"	1"	1 - 3/8"	1 - 3/16"
CAMSHAFTS	2 Camshafts	2 Camshafts	1 Camshaft	1 Camshaft
CYLINDER BARRELS	2 Heads 2 Barrels	Both Cast Together	Both Cast Together	Both Cast Together
IGNITION SYSTEM	Magneto	A.C. Battery & Coil	A.C. Battery & Coil	Magneto
GEAR NEUTRAL FINDER LEVER	Shifts Direct to Neutral	None	None	None
PRIMARY CASE	Alloy Casting	Alloy Casting	Alloy Casting	Sheet Metal
WHEEL BASE	58 inches	55 - 1/2" inches	56 inches	55 - 1/2" inches
FORK LOWER LEGS	Aluminum Alloy	Iron	Iron	Aluminum Alloy
WHEEL HUBS	Aluminum	Iron	Iron	Aluminum
1/4 MILE DRAGS WITH MUFFLERS	96 M.P.H.	88 M.P.H.	84 M.P.H.	89 M.P.H.
By Cycle World 1962-65	13.8 E.T.	14.8 E.T.	14.5 E.T.	14.5 E.T.

★ **A Real Pleasure to Ride—
Has Automatic NEUTRAL FINDER —
Cuts Shifting by 50%
No Need to Downshift
Just Press the Neutral Lever**

★ **Cooling Discs (optional)**

★ **Magneto Ignition**

DISTRIBUTORS

COOPER MOTORS, 2815 W. Olive, Burbank, Calif.

SHILLINGFORD & SONS, 1635 W. Hunting Park, Philadelphia, Pa.

SHORES MOTOR, INC., 1981 E. 8-Mile Rd., Warren, Mich.

SAM AVELLINO, 240 Harris St., Revere, Mass.

1966

Royal Enfield

750 c.c.

Interceptor

Engine Type
Bore and Stroke
Displacement
Cylinder Heads
Cylinders
Compression Ratio
Carburation

4 cycle OHV vertical twin
71 mm x 93 mm
44.9 cu in
Separate light alloy
Separate large finned iron
8-5-1
Two 1-³/₁₆" Monobloc carbs
with two float bowls
Magneo with automatic
advance

Ignition

Valve Sizes
Main Bearings
Crankshaft
Connecting Rods
Fuel Capacity
Oil Capacity
Oil System
Fork Head
Speedometer
Tachometer
Front Forks
Rear Suspension
Tyre Size, Front
Tyre Size, Rear
Top Speed

Inlet 1-¹/₈". Ex. 1-³/₈"
3-¹/₁₆" diameter
One piece Nodular Iron
Aluminium alloy K-16 bolts
3 galls
5 pints
Pressure dry-sump
Polished alloy
125 M.P.H.
8 000 R.P.M.
Oil damped telescopic
Swing arm with Girdings
Gold Seal K70 3-50-19
Gold Seal K70 4-00-18
Up to 120 M.P.H. "Cycle
World" Road Test
20% more plate area;
Multi-disc
4th gear—4-44 to 1
57 inches
31-5 inches. Seat may be
lowered one inch
5-¹/₄ inches
41-4 lbs.
Light alloy full-width
7 inch dia. 1-¹/₂ inch width
7 inch diameter
2 pipes and 2 mufflers
7 inch quick detachable
Chrome plated

Clutch

Gear Ratio
Wheel Base
Saddle Height

20% more plate area;
Multi-disc
4th gear—4-44 to 1
57 inches
31-5 inches. Seat may be
lowered one inch

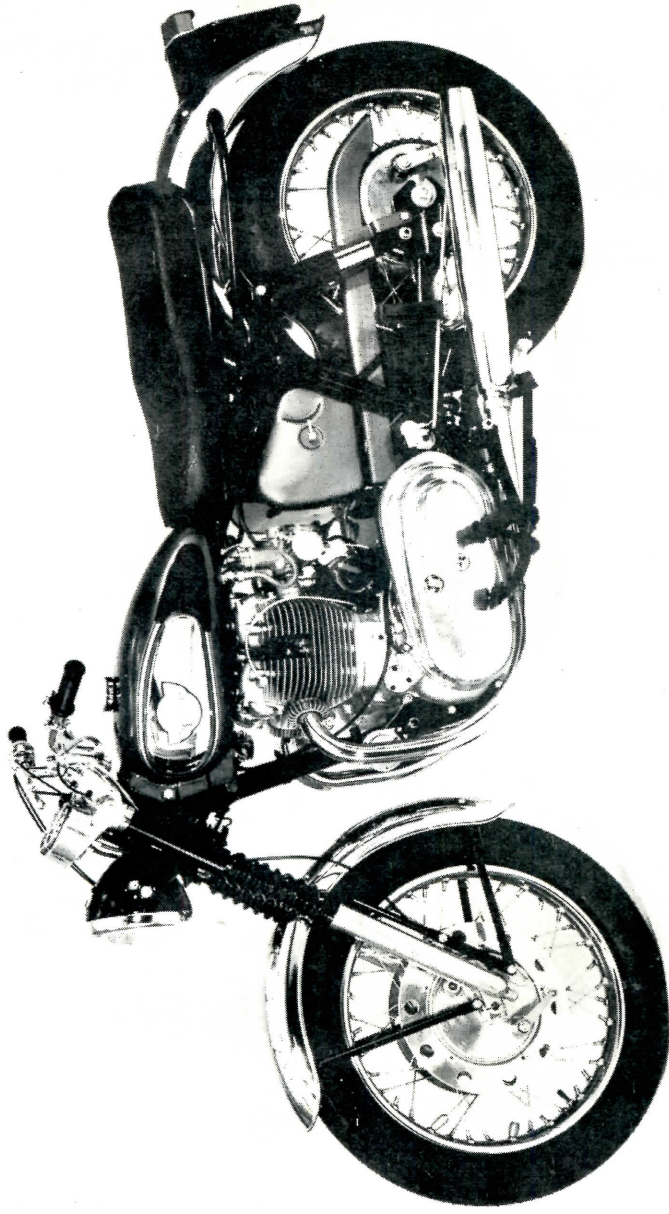
Ground Clearance

Weight
Wheel Hubs
Front Brake
Rear Brake
Exhaust
Headlights
Sport Fenders

414 lbs.
Light alloy full-width
7 inch dia. 1-¹/₂ inch width
7 inch diameter
2 pipes and 2 mufflers
7 inch quick detachable
Chrome plated

Custom Interceptor
4-gallon gas tank

BUILT FOR AMERICAN HIGH-SPEED EXPRESS HIGHWAYS



World's Most Beautiful Sports Motorcycle

- ★ Strong, smooth, engine specially designed as a 750 c.c. for the American rider. Smooth at all revs.
- ★ The long 93 mm. stroke, gives the Interceptor tremendous torque and acceleration at all speeds.
- ★ Speed of up to 120 m.p.h. — Proven by "Cycle World" Road Tests.
- ★ The T.T. Interceptor (stock) has done 96 m.p.h. in the quarter mile drags.
- ★ 58" wheelbase plus proper balance: gives firm, steady handling, at high speed.
- ★ The most comfortable riding motorcycle for both rider and passenger.
- ★ Exclusive neutral finder lever. Shifts direct to neutral.
- ★ Lavishly finished with Chrome and Polished Alloy; painted in brilliant Candy Apple Red or Hi-Fi Blue.
- ★ MAGNETO with automatic advance and retard.
- ★ Separate Alloy Cylinder Heads.
- ★ Easy-release clutch.
- ★ Highly polished Alloy Fork Crown, mounting Tachometer and Speedometer.
- ★ New dual seat, can be lowered.
- ★ Quickly detachable headlight.

Engine Built From the Bottom Up as a 750 — Large, Strong Parts

Manufactured by
ENFIELD CYCLE CO. LTD.
REDDITCH ENGLAND

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