



"LIKE THE 175CC MOTORCYCLE THAT BRIDGESTONE INTRODUCED A COUPLE OF YEARS AGO, THE

350 GTR

HAS BEEN DESIGNED RIGHT TO THE LIMITS OF MODERN TECHNOLOGY. IN OVERALL CONCEPT, AND IN ALMOST EVERY DETAIL, THE MOST ADVANCED MOTORCYCLES EVER TO BE MASS-PRODUCED.

IT IS IN EVERY RESPECT AN ENTHUSIAST'S DREAM;
A MOTORCYCLIST'S MOTORCYCLE"
CYCLE MAGAZINE



BRIDGESTONE **350** GTR



WHEN YOU CAN HAVE ALL THIS!
Dual Rotary Valves ■ A Top Speed of well
over 100 mph ■ 6-Speed Transmission ■
0-60 in less than 5 seconds ■ Dual Carbs
■ Quarter Mile in less than 15 seconds ■
Oil Injection ■ 40 HP @ 7500 rpm ■ Alu-
minum Alloy Cylinders with chromed
bores ■ Racing type tachometer ■ WILL
ANYTHING LESS THAN THE NEW
BRIDGESTONE 350 GTR REALLY DO?



BRIDGESTONE 350 GTR

the most advanced motorcycle ever built

SPECIFICATIONS

ENGINE

Type..... 2-stroke twin, dual rotary valve, rubber mounted
Lubrication..... pressure metered oil injection
through crank shaft bearings
Cylinder..... aluminum alloy with chromed bore
Ignition System..... 12 volt, 6 AH battery and coil
Charging System..... AC alternator and rectifier
with voltage regulator
Lighting System..... battery operated—CHP approved oversize
tail and stoplight 35W, 2-beam headlight
Starter System..... primary kick (operable in any gear)
Air Filtration System..... dual metal elements
Exhaust System..... dual chrome mufflers
Carburetion..... dual 26mm carburetors
Piston Displacement..... 344.9cc (21.05 cu. in.)
Bore and Stroke..... 61mm x 59mm (2.40 in. x 2.32 in.)
Compression Ratio..... 9.3 to 1
Maximum Brake Horsepower..... 40 HP @ 7500 RPM
Maximum Torque..... 2.3 Kg/M @ 4000 RPM (16.63 ft/lbs)
4.0 Kg/M @ 7000 RPM (27.5 ft/lbs)
Climbing Ability..... 1:2

TRANSMISSION

Type..... constant mesh
Number of Speeds..... 6-speed return change
Shift pattern..... progressive N-1-2-3-4-5-6
Shaft Mountings..... ball and needle bearings
Indicator Lights (2)..... neutral and 5th gear
Clutch..... 6-disc, dry type
Rear Sprocket..... rubber shock mounted
Gear Ratios:

Gear	Primary	Secondary
1st	2.46	18.28
2nd	1.65	12.34
3rd	1.25	9.29
4th	1.00	7.43
5th	.85	6.33
6th	.76	5.64

Primary Ratio..... 21:65 (1:3.095)
Final Chain Ratio..... 15:36 (1:2.40)

FRAME

Frame..... cradle type (double loop), tubular steel
Rear Swing Arm..... true tracking type,
4-bearing pivot, reinforcing cross member
Rear Suspension..... spring with hydraulic damper
adjustable position type
Front Suspension..... spring with hydraulic damper
telescopic type
Fenders..... polished stainless steel
Fuel Tank..... streamlined (2-tone chrome and trim)
rubber knee pads
Wheels..... precision aligned and balanced

CONTROLS

Clutch and Brake
Levers..... AMA approved, ball end type
Cables..... quick adjusting type with lube fitting
Throttle..... quick acting, self return
Grips..... soft rubber, racing type
for maximum control without fatigue
Starter Lever..... for easy start—even when cold
Dimmer and Horn Switch..... left handlebar mounted

Steering Damper..... adjustable friction type
Ignition..... key lock
Shift Pedal..... left side (optional right side)
Brake Pedal..... right side (optional left side)

INSTRUMENTS AND INDICATORS

Tachometer
Type..... factory sealed, aviation type
Connection..... gear driven (cable)
Mounting..... individually shock mounted
Dial..... large, illuminated, non-glare
Speedometer
Type..... factory sealed, aviation type
Connection..... gear driven (cable)
Mounting..... individually shock mounted
Dial..... large, illuminated, non-glare
Indicator Lights
Neutral..... green, in headlight housing
5th Gear..... yellow, in speedometer
High Beam..... red, in headlight housing
Gauges
Oil Tank..... 2-cycle oil, sight gage
Transmission..... engine oil, sight gage

EQUIPMENT

Headlight..... CHP approved, 2-beam type powerful 35 watt
Tail and Stop Light.....
oversize custom designed CHP approved
Rear View Mirror..... large, deluxe type
Saddle..... full 2 passenger, custom designed with suede type cover
Foot Pegs (front and rear).....
rubber covered, AMA approved folding type
Handle Bar..... touring type, chrome pipe
Chain Guard..... 3/4 type, chrome plated
Main Stand..... full lift type
Side Stand..... with lower safety pad
Tools..... complete kit

DIMENSIONS AND WEIGHT

Wheelbase..... 54.1 in.
Minimum Turning Radius..... 7.38 ft.
Seat Height..... 32.2 in.
Ground Clearance..... 5.7 in. at side stand
Overall Length..... 83.1 in.
Handlebar Width..... 32.5 in.
Overall Height..... 43.9 in.
Engine Width:
At foot rest..... 14 in.
Overall..... 18 in.
Foot Peg Height..... 11 in.
Dry Weight..... 355 lbs.
Tire Size..... 3.25 x 19 front and rear
Caster..... 63°
Trail..... 4.13 in.
Banking Angle..... 46° maximum
Tank Capacity:
Fuel..... 3.8 gal. gasoline
Oil..... 3 quarts 2-cycle oil
Transmission..... 26 fl. oz. engine oil
Fuel Consumption..... max. 94 miles gal.
Brakes:
Front..... dual cam, 7.06 in. x 1.18 in.
Rear..... single cam, 7.06 in. x 1.18 in.
Brake Swept Area..... 54 sq. in.
Specific Brake Loading..... 6.92 lbs. sq. in.

PERFORMANCE DATA

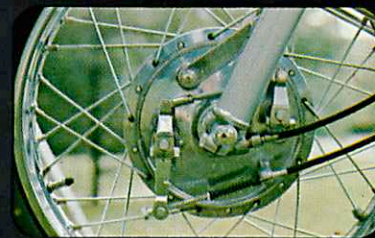
Acceleration..... 1/4 mile, standing start—under 14 sec.
0-60 miles per hour—under 6 sec.
Maximum Speed..... 100—110 miles per hour



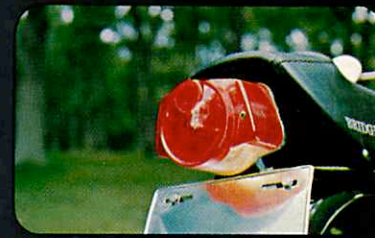
The engine—40 horsepower. Aluminum alloy cylinders, chromed bores; 4 main bearings; oil injection; six speed transmission.



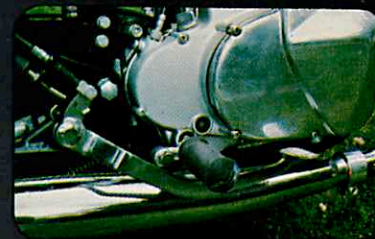
The 350 GTR features big, separately mounted tach and speedometer; adjustable steering damper.



The 350 GTR's all-weather brakes have 54 sq. in. swept area! Front brakes are twin cam actuated for safe, in-line stops on any surface.



Taillight—stoplight is biggest in the industry for added visibility, safety. Lighting equipment is approved in all states.



Sight gauge in transmission case (above foot peg) makes oil level check a breeze. Brake and shift levers mount either left or right side.



Bridgestone's proven full-time oil injection plus pressure lubrication of engine bearings means added engine life and performance.



Rockford MOTORS, INC. / 1911 HARRISON AVENUE, ROCKFORD, ILLINOIS 61101