

Step up to  
precision  
power:

# KAWASAKI

## 650

## COMMANDER

Let's go big — with all new U.S. Safety features.

These are the biggest, most powerful motorcycles from Japan. Manufactured with meticulous care to meet the owner's highest requirements, the 650's are without doubt the safest, easiest handling machine on the market.

Complete research facilities and skilled aircraft engineering provide Kawasaki motorcycles with advanced precision parts that ensure unequalled performance and quality.



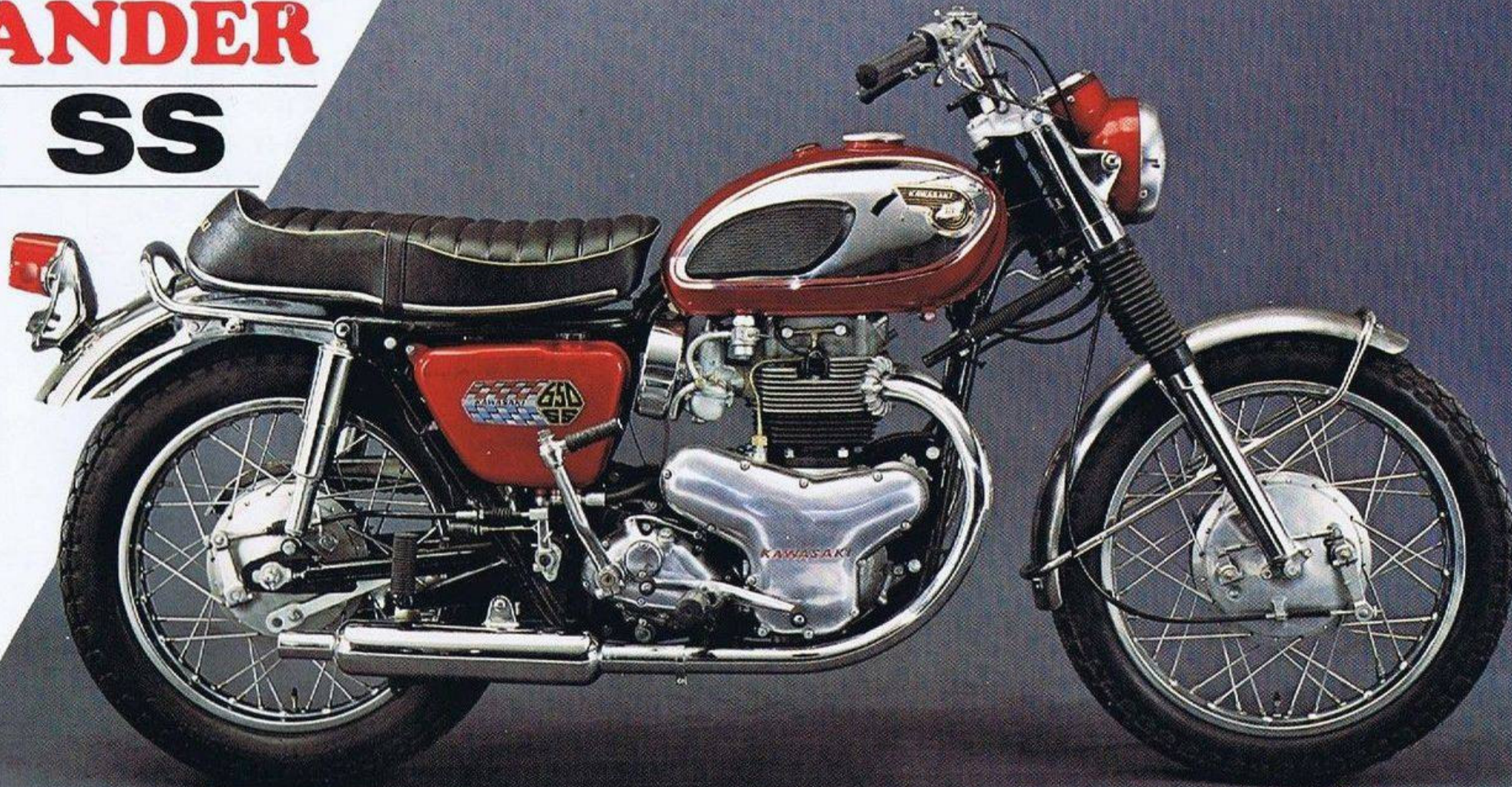


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## 650 COMMANDER MODEL W2 SS

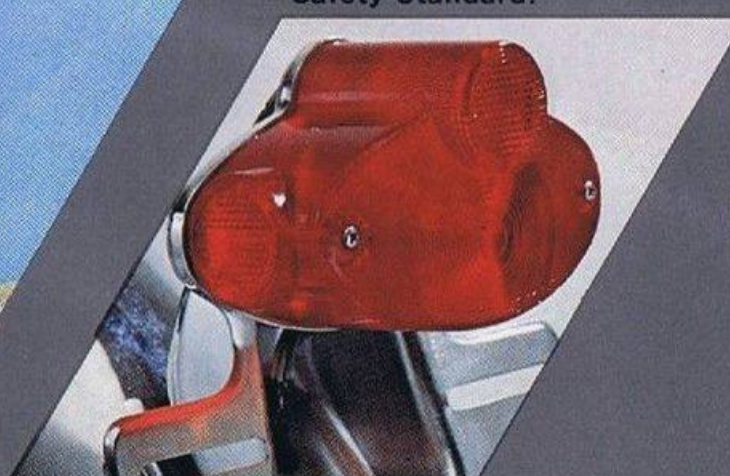
Amazing 13.7 seconds quarter mile standing start in stock street form • Up to 115 mph with 53 hp/7000 rpm Vertical Twin OHV engine • Dual carburetors • Plenty reserve power at 90 mph highway cruising • Climbs slopes up to 35° • Crankshaft bearings automatically pressure-lubricated assuring dependable high speed touring • Big 624 cc displacement with soft tuning • Comfort-designed, cushioned dual seat • Coordinated positioning of handlebars with foot controls and seat keeps rider erect, minimizing fatigue • Fast-stopping two-leading shoe front brake • Absolute frame rigidity plus adjustable steering dampener/hydraulic unit combination make the 650 Commander the easiest handling Big Bike available • Large universal tires • Magnificent chrome finishing.



Deluxe tail light has rear and side reflectors—one of many features conforming to new U.S. Safety Standard.

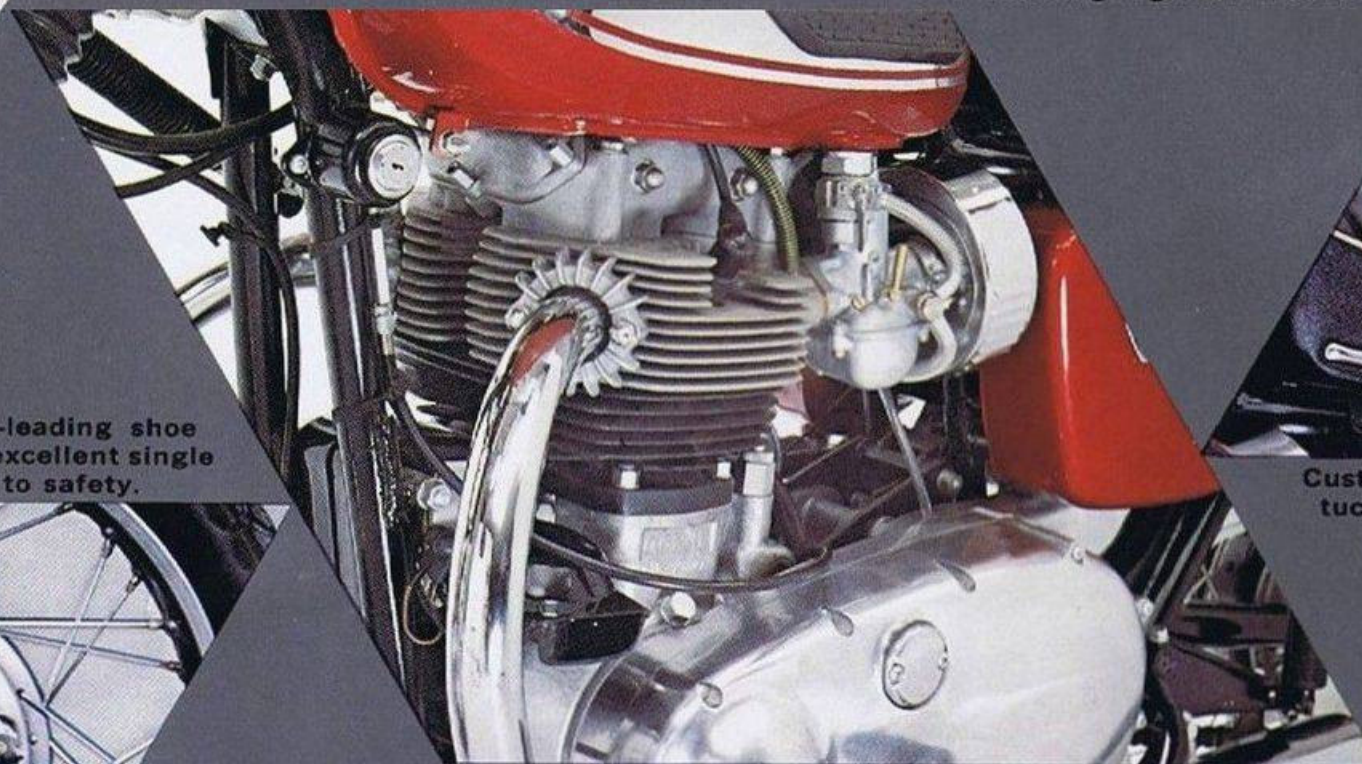


Large handlebars coordinate ideally with foot controls and seat for upright constant comfort.



Large, easy-to-read tachometer and speedometer with built-in cushioning against vibrations.

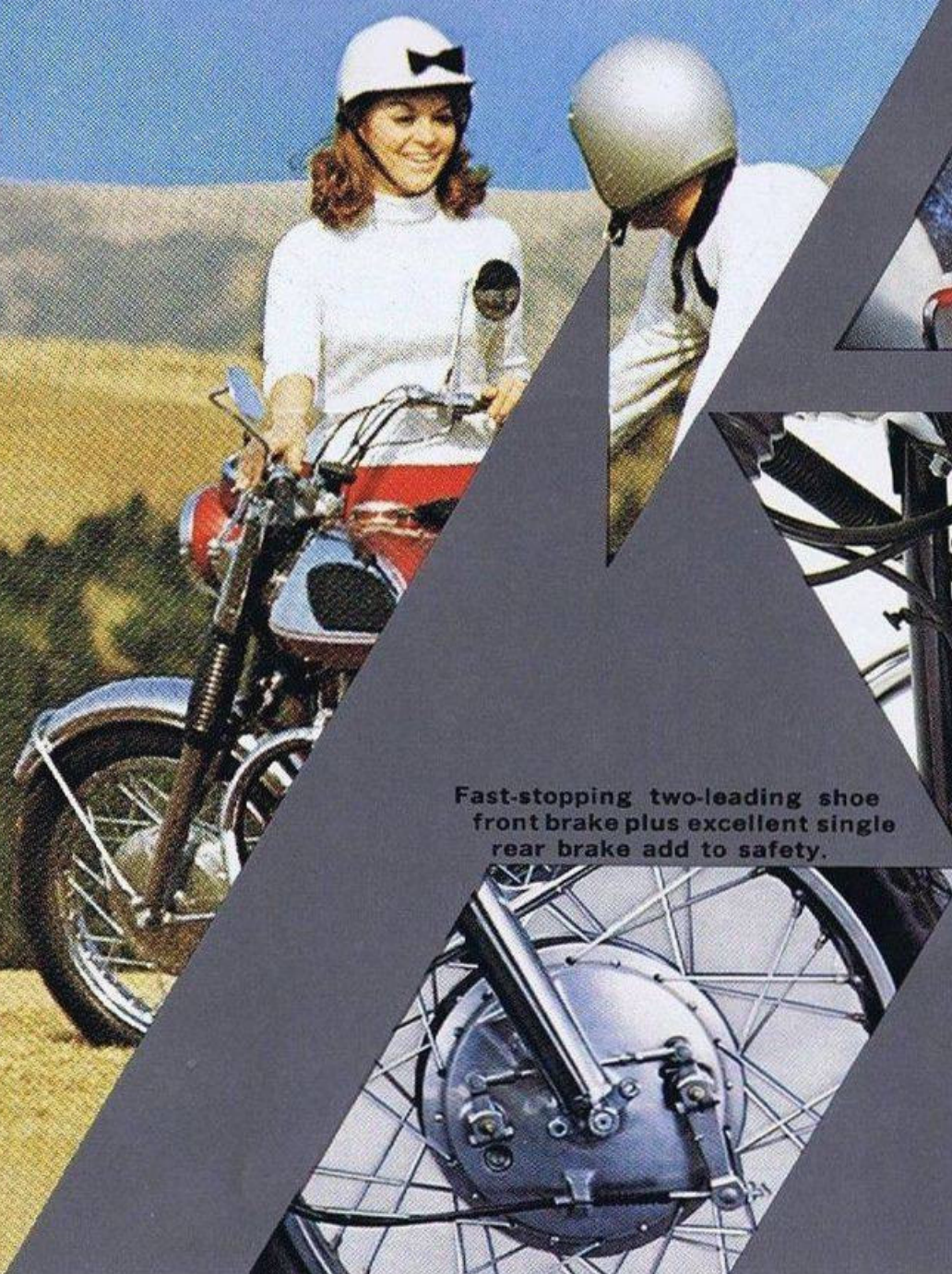
Fast-stopping two-leading shoe front brake plus excellent single rear brake add to safety.



OHV vertical twin engine with dual carburetors develop 53 horsepower at low 7000 rpm. (W2SS)



Custom-tailored, comfort-designed tuck-and-roll dual seat.



## 650 COMMANDER MODEL W1 SS

Fantastic standing start quarter mile in 13.8 seconds • Cool running OHV 4-stroke single develops 50 hp/6500 rpm • Plenty reserve power for passing even while cruising at 80 mph • Climbs slopes up to 33° • Automatically pressure-lubricated crankshaft bearings guarantee hours of high speed touring without engine strain • Easy tuning and quick starting • Idles along quietly and smoothly in heavy traffic • Fast-stopping two-leading shoe front brake and adjustable steering dampener/hydraulic unit combination add to safety at high speed • Comfort-designed deep cushion dual seat plus ideally positioned handlebars, foot controls and seat minimize rider fatigue • Beautifully chromed all around • Stainless steel front fender.





# SPECIFICATIONS

## W1SS

4-stroke, twin cylinder,  
OHV, air cooled  
38.1 cu. in. (624 cc)  
2.91x2.86 in. (74x72.6 mm)  
9:1  
53 hp/7,000 rpm  
41 ft-lb (5.7 kg-m)/5,500 rpm  
Battery and coil  
Kick  
Dry sump

115 mph (185 kph)  
SS 1/4 mile: 13.8 sec.  
33°  
36.1 ft at 31 mph  
(11 meters at 50 kph)  
92.5 in. (2.35 meters)  
105 mile/gal @31 mph  
(45 km/liter @50 kph)

4-speed, constant-mesh, return shift  
Multi-disc, wet plate

83.3 in. (2,115 mm)  
34.6 in. ( 880 mm)  
42.1 in. (1,070 mm)  
55.7 in. (1,415 mm)  
5.9 in. ( 150 mm)  
398 lbs ( 181 kg)  
3.25-19 4PR  
4.00-18 4PR  
4.0 U.S. gal (15.0 liters)  
3.2 U.S. qt ( 3.0 liters)

Tubular, double cradle  
Oil damped telescopic fork  
Oil damped swing arm

### ENGINE

Type  
Displacement  
Bore and stroke  
Compression ratio  
Maximum horsepower  
Maximum torque  
Ignition  
Starting system  
Lubrication

### PERFORMANCE

Maximum speed  
Acceleration  
Climbing ability  
Braking distance  
  
Minimum turning radius  
Fuel consumption

### TRANSMISSION

Type  
Clutch

### DIMENSIONS

Length, overall  
Width, overall  
Height, overall  
Wheelbase  
Ground clearance  
Dry weight  
Tire size, front  
rear  
Fuel capacity  
Oil capacity

### FRAME

Type  
Suspension, front  
rear

## W2SS

4-stroke, twin cylinder,  
OHV, air cooled  
38.1 cu. in. (624 cc)  
2.91x2.86 in. (74x72.6 mm)  
8.7:1  
50 hp/6,500 rpm  
41 ft-lb (5.7 kg-m)/5,500 rpm  
Battery and coil  
Kick  
Dry sump

115 mph (185 kph)  
SS 1/4 mile: 13.7 sec.  
35°  
36.1 ft at 31 mph  
(11 meters at 50 kph)  
92.5 in. (2.35 meters)  
87 mile/gal @31 mph  
(37 km/liter @50 kph)

4-speed, constant-mesh, return shift  
Multi-disc, wet plate

83.3 in. (2,115 mm)  
34.6 in. ( 880 mm)  
42.1 in. (1,070 mm)  
55.7 in. (1,415 mm)  
5.9 in. ( 150 mm)  
398 lbs ( 181 kg)  
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Tubular, double cradle  
Oil damped telescopic fork  
Oil damped swing arm

Specifications subject to change without notice.



**KAWASAKI**  
AIRCRAFT CO., LTD. TOKYO, JAPAN

Kawasaki builds  
motorcycles for people  
who know what it's all about!