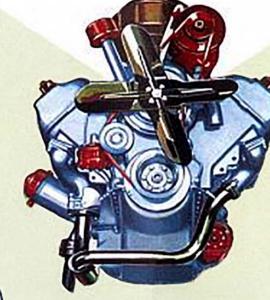
## HRYSLER

SARATOGA . NEW YORKER . IMPERIAL

## Chrysler Saratoga—Toucn and Country Wagon

## Saratoga

For a new thrill in driving pleasure . . . for more real value . . . try today's better-than-ever Chrysler Saratoga!



Here is the sensational new engine that has startled the automotive world! With its Hemispherical Combustion Chamber and lateral valve arrangement, it affords smooth, surging power such as you have never experienced in a car before. It can be yours in a new Chrysler Saratoga, New Yorker, or Imperial.





Chrysler Saratoga-8-Passenger Sedan



Chrysler Saratoga-4-Door Sedan



## S P E C I F I C A T I O N S

CHRYSLER SARATOGA—125½" AND 139½" W.B.

CHRYSLER NEW YORKER—131½" W.B.; CHRYSLER IMPERIAL—131½" W.B.

AND CHRYSLER CROWN IMPERIAL—145½" W.B.

- ENGINE—90° V-8 design. Four point mounting. Overhead valves. Hydraulic valve tappets. Bore 31½° (96.8 mm). Stroke 3½° (92.1 mm.) Piston displacement 331 cu.in. (5.3-liters). A.M.A. horsepower 46.5. Developed brake horsepower, 180 at 4000 r.p.m. with 7.5:1 cylinder head. Lower compression ratio engine available. Lightweight, Auto-thermic, cam ground, tin plated, slipper type pistons, with 3 piston rings each. Lubrited cylinder walls. Drop-forged steel, five bearing, counterweighted crankshaft with damped, dynamic vibration absorber. Precision-type, high-duty crankshaft and connecting rod bearings. Silent chain driven camshaft. Five camshaft bearings.
- ENGINE LUBRICATION—Pressure oiling from rotor-type oil pump, through rifledrilled cylinder block passages to main, connecting rod and camshaft bearings and rocker arms at shaft, and rocker arm push rod socket. Pressure spray to pistons, piston pins, valve stems, cams and tappets. Camshaft drive chain lubricated by oil stream from camshaft. Crankcase ventilation and replaceable-element full-flow oil filter. Crankcase capacity 5 quarts (4.7 liters). Oil pressure gauge on instrument panel.
- FUEL SYSTEM—Dual down-draft carburetor with idle adjustment and adjustable accelerating pump. Automatic manifold heat control. Automatic choke control. Oil bath air cleaner and silencer. Mechanical diaphragm fuel pump driven from camshaft. Fuel tank capacity: 17 U. S. gallons (64 liters) on Saratoga; 20 U. S. gallons (75 liters) on other models. Electric fuel gauge on instrument panel. Self-cleaning Oilite filter in tank at outlet.
- COOLING SYSTEM—Fin and tube radiator core. Centrifugal water pump. Directional circulation, uniform to all cylinders and valves. Full-length water jackets. By-pass thermostat circulation control. Water capacity 6¼ U. S. gallons (24.6 liters). Four-blade 18' fan (45.72 cm).
- CLUTCH—Dry, single-plate with cushion center. Diameter: 9½° (24.1 cm.) except on 145½° W.B. Models which have 10¾° (26 cm.). Molded, woven asbestos facings. Ball-thrust release bearing with lubricant sealed in. Forced ventilation.
- FLUID DRIVE—Thirteen-inch diameter coupling. Ball-type coupling hub bearing.
   Oilite bushings on coupling runner inner bearing.
- FLUID-MATIC TRANSMISSION—Hydraulically operated, four speeds forward, one reverse, built-in control unit.
- TORQUE CONVERTER—Four-element type consisting of impeller, turbine, front stator and rear stator, has maximum torque multiplication of 2.34:1. Standard equipment on Imperial 145½" W. B. Models. Optional equipment at extra cost on Saratoga, New Yorker and Imperial 131½" models.

- REAR AXLE—Semi-floating Hypoid rear axle. Pressed-steel, banjo-type housing. Hypoid gears and axle shafts of Amola steel. Tapered roller brazings. Ratio: 3.73:1 on Saratoga, New Yorker and Imperial 131½" W. B. Models; 3.54:1 on Imperial 145½" W.B. Models. Hotchkiss drive through springs.
- SUSPENSION—Independent front wheel springing with coil springs of Amola steel. Grooved, Amola soft acting, Semi-elliptic rear springs, length 53½ (1.362 m). All leaves with tapered ends. Rubber cored bushings at front. Rubber cushioned shackles at rear. Hydraulic, telescopic-type shock absorbers front and rear. Rear shock absorbers inclined toward center of car to give "sea leg" support and stability. Steering gear ratio: 18.2:1 on Saratoga 125½ W.B. Models; 20.4:1 on Saratoga 139½ W.B., New Yorker and Imperial 131½ W.B. Models. Front end sway eliminator.
- HYDRAGUIDE STEERING—Hydraulic-mechanical, power steering, for more restful driving and parking ease, is standard equipment on Imperial 145½ W.B. Models and extra equipment on Saratoga, New Yorker and Imperial 131½ W.B. Models.
- CHASSIS FRAME—Super-rigid, double-channel frame, Box-section steel side rails.
- ELECTRICAL SYSTEM—6-volt ignition. Distributor improved against wet-weather difficulties, incorporates suppressor of interference to radio. Wide gap, suppressor spark plugs for better idling and low speed. Spark plugs not exposed to weather. Fully automatic spark advance, speed and vacuum control. Shunt-type generator with voltage and current control. Generator ventilated by centrifugal fan. Solenoid positive-shift starter actuated by ignition key on instrument panel. 19-plate battery, capacity 135 ampere hours, located under hood in left fender shield. Headlights sealed beam type with foot control. Dual Airtone horns. Horn ring on steering wheel.
- BRAKES—On Saratoga, New Yorker and Imperial 131½° W.B. Models: hydraulic, 4-wheel internal expanding utilizing an individual cylinder for each shoe in the front wheel brakes, self-equalized and weather-proofed. Steel backed, cast iron brake drums with Superfinished braking surface. Drum diameter 12′ (30.5 cm.). "Cyclebond" molded asbestos brake linings 2° wide (5 cm.) dispense with rivets and increase lining useful area and life. Vacuum brake booster on all Saratoga, New Yorker and Imperial 131½° W.B. Models. On Imperial 145½° W.B. Models, self-energizing hydraulic disc brakes utilizing two flat pressure plates inside a flat brake-housing are standard. Separate internal expanding self-energizing hand brake for parking, mounted at rear of transmission.
- WHEELS AND TIRES—Demountable steel disc wheels with Safety Rim. Goodyear Super-Cushion tires are standard. Black, 4-ply, 15 x 8.00 on Saratoga Models, except 8-Pass. Sedan which has 15 x 8.20. Black, 4-ply, 15 x 8.20 on New Yorker and Imperial 131½" W.B. Models. Heavy Duty 6-ply are also available at extra cost. Black, 6-ply, 15 x 8.90 on Imperial 145½" W.B. Models.

All specifications, equipment, models, hady types, ornamentation and design tablect to change without notice and without responsibility to the Chrysler Corporation, Export Distains.

CHRYSLER CORPORATION—EXPORT DIVISION

DETROIT 31, MICHIGAN