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Fugintit

Hand Book of

Gasoline Automobiles

For the information of the public who are interested in their manufacture and use

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Copyright, 1906, by the
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New York City, N. Y.

Fourth Annual Announcement

HE Hand Book has become indispensable to prospective purchasers of automobiles. definitely taken its place as a permanent annual publication, and is the accepted standard authority on the subject with which it deals. In its illustrations and specifications are fully and correctly described the products of the principal manufacturers of automobiles throughout the United States of America, as well as of the leading importers of gasoline machines. There is no important question arising in the mind of an intending purchaser which is not embodied in these specifications, with the accompanying answer in red It will be observed that all the machines herein described are subjected to one uniform series of interrogations. This makes the process of comparison both easy and accurate, and enables the purchaser to select a machine best suited to his needs, to his personal taste, or to the means at his command.

Such a method of comparison is obviously of advantage to the purchaser, and the manufacturers and importers who have adopted it may fairly claim the credit of entire disinterestedness.

There is no combination among these manufacturers and importers. Every one of them conducts his business in entire independence of any of the others, and among them all a free competition is maintained. But there is a basic United States patent, No. 549,160, granted to George B. Selden November 5, 1895, on gasoline automobiles, which controls broadly all of such machines as are accepted as commercially practicable. The only bond between the companies represented herein is their recognition of this patent and their conviction that such recognition is a guarantee that the purchaser of their machines is thereby secured against the annoyance and expense of litigation attendant on the infringement of a patent.

Should you be unable to obtain from the agent in your vicinity catalogues of individual makers giving further details, these can be had by addressing any company represented in this book, using one of the "Catalogue Request Blanks" on

pages 151, 153 and 155.

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The following manufacturers and importers are licensed under the basic United States patent No. 549,160, granted to George B. Selden, dated November 5th, 1895, and are the owners of about 400 other patents on

Gasoline Automobiles

The Commissioner of Patents in his annual report for the year 1895, said; "Selden, in 1895, received a patent, November 5th, No. 549,160, which may be considered the pioneer invention in the application of the compression gas engine to road or horseless carriage use."

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Price

\$2800

Limousine \$4000



Model: D.

Color: Royal blue.

Seating capacity: Five persons.

Clutch: Disc.

Wheel base: 105 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 3 inches.

Tire dimensions, rear: 34 x 3½ inches.

Brakes: Three.

Type: Contracting on transmission

and rear wheels.

Horse-power: 20.

Number of cylinders: Four.

Bore: 4 inches. Stroke: 4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark, four coils.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

 $Number\ gear\ changes: Three\ forward,$

one reverse.

Price \$1850



Model: G.

Color: Royal blue.

Seating capacity: Four persons.

Clutch: Disc.

Wheel base: go inches.

Tread: 54 inches.

Tire dimensions, front: 30 x 3 inches.

Tire dimensions, rear: 30 x 3 1/2 inches.

Brakes: Three.

Type: Contracting on transmission

and rear wheels.

Horse-power: 12.

Number of cylinders: Four.

Bore: 31/4 inches. Stroke: 31/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark, four coils.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$4000

Limousine \$5200



Model: H.

Color: Royal blue.

Seating capacity: Seven persons.

Clutch: Disc.

Wheel base: 120 inches.

Tread: 54 inches.

Tire dimensions, front: 36 x 3 ½ inches.

Tire dimensions, rear: 36 x 4 inches.

Brakes: Three.

Type: Contracting on transmission

and rear wheels.

Horse-power: 30.

Number of cylinders: Six.

Bore: 4 inches. Stroke: 4 inches.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark, six coils.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price \$1800



Model: G, RUNABOUT.

Color: Royal blue.

Seating capacity: Two persons.

Clutch: Disc.

Wheel base: go inches.

Tread: 54 inches.

Tire dimensions, front: 30 x 3 inches.

Tire dimensions, rear: 30 x 3½ inches.

Brakes: Three.

Type: Contracting on transmission

and rear wheels.

Horse-power: 12.

Number of cylinders: Four.

Bore: 31/4 inches. Stroke: 31/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark, four coils.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$4000



Model: D, LANDAULET.

Color: Green and black.

Seating capacity: Five persons.

Clutch: Disc.

Wheel base: 105 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Contracting on transmission

and rear wheels.

Horse-power: 20.

Number of cylinders · Four.

Bore: 4 inches. Stroke: 4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark, four coils.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price \$5200



Model: H, LIMOUSINE.

Color: Green and black.

Seating capacity: Seven persons.

Clutch: Disc.

Wheel base: 120 inches.

Tread: 54 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4 1/2 inches.

Brakes: Three.

Type: Contracting on transmission

and rear wheels.

Horse-power: 30.

Number of cylinders: Six.

Bore: 4 inches. Stroke: 4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark, six coils.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE WINTON MOTOR CARRIAGE COMPANY, CLEVELAND, OHIO

'rice

\$2500 With cape top \$2650 Limousine \$3500



Model: TYPE X-I-V.

Color: Red, blue, green or gray.

Seating capacity: Five persons.

Clutch: Individual.

Wheel base: 104 inches.

Tread: 56½ inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: External and internal hub.

Horse-power: 30.

Number of cylinders: Four.

Bore: 4½ inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Vertical tubes with fins.

Ignition: Jump spark, unit coil.

Electric source: Storage and dry.

batteries.

Drive: Bevel gear.

Transmission: Individual clutch.

Number gear changes: Two forward,

one reverse.

THE WINTON MOTOR CARRIAGE COMPANY, CLEVELAND, OHIO

Price

\$3500 With cape top \$3650 Limousine \$4500



Model: M.

Color: Red, blue, green or gray.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 112 inches.

Tread: 56½ inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4 ½ inches.

Brakes: Four.

Type: Internal and external hub.

Horse-power: 40.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Vertical tubes with fins.

Ignition: Jump spark, unit coil.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

SMITH & MABLEY, INC., 1765 BROADWAY (57th ST.), NEW YORK



Model: S. & M. SIMPLEX A A.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Reverse cone, Renault type.

Wheel base: 106 inches (also 111 and

114 inches).

Tread: 54 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions rear: 920 x 120 m/m.

Brakes: Three

Type: Foot on differential, contracting; emergency, hand on rear

wheels, contracting.

Horse-power: 30-35.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Double jump spark.

Electric source: Magneto and storage

battery.

Drive: Double side chain.

Transmission: Progressive sliding

gear.

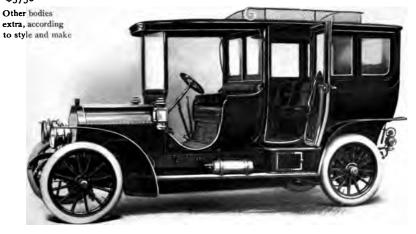
Number gear changes: Four forward,

one reverse.

SMITH & MABLEY, INC., 1765 BROADWAY (57TH ST.), NEW YORK

'rice

runabout \$5750



Model: S. & M. SIMPLEX D A.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: S. & M. metallic.

Wheel base: 124 inches.

Tread: 56 inches.

Tire dimensions, front: 915 x 105 m/m.

Tire dimensions, rear: 935 x 135 m/m.

Brakes: Four.

Type: Emergency and two foot, all

contracting.

Horse-power: 50

Number of cylinders: Four.

Bore: 5% inches. Stroke: 5% inches.

Cylinders arranged: Vertically, under

hood: cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Double jump spark.

Electric source: Magneto and storage

battery.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

SMITII & MABLEY, INC., 1765 BROADWAY (57th ST.), NEW YORK



Model: RENAULT, 1907.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Reverse cone, leather face.

Wheel base: 118 inches.

Tread: 54 inches

Tire dimensions, front: 875 x 105 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Brakes: Three.

Type: Foot on driving shaft, con-

tracting; hand emergency on rear

wheels, expanding.

Horse-power: 20 (also 10-14, 14-20 and

35-45).

Number of cylinders: Four.

Bore: 100 m/m. Stroke: 140 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water, thermo-syphon.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Magneto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Four forward,

one reverse.



Model: PANHARD, 1907.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Multiple disc.

Wheel base: 124 inches.

Tread: 56 inches.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Three.

Type: Foot on differential, contracting; hand emergency on rear

wheels, expanding.

Horse-power: 35 (also 15, 24 and 50).

Number of cylinders: Four.

Bore: 130 m/m. Stroke: 140 m/m.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Magneto and battery.

Drive: Double side chain.

Transmission: Progressive sliding gear.

Number gear changes: Four forward,

one reverse.



Model: ISOTTA FRASCHINI, 1907.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Multiple disc.

Wheel base: 120 inches.

Tread: 55 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Four.

Type: Contracting on transmission (water cooled) and countershaft, and expanding on rear wheels.

Horse-power: 35 (also 22).

Number of cylinders: Four.

Bore: 130 m/m. Stroke: 150 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Double jump spark.

Electric source: Magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

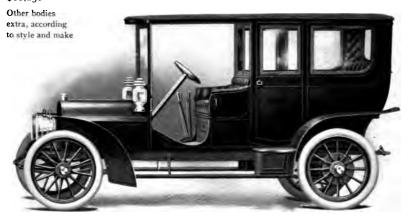
Number gear changes: Four forward.

one reverse.

SMITH & MABLEY, INC., 1765 BROADWAY (57th ST.), NEW YORK

Price

runabout \$10,250



Model: ISOTTA FRASCHINI, 1907.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Multiple disc.

Wheel base: 132 inches.

Tread: 55 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Four.

Type: Contracting on transmission (water cooled) and countershaft; expanding on rear wheels.

Horse-power: 50-65.

Number of cylinders: Four.

Bore: 145 m/m. Stroke: 160 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Double jump spark.

Electric source: Magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

POPE MANUFACTURING COMPANY, HARTFORD, CONN.

Price

\$1600 With cape top \$1700



 $Model: \ POPE-HARTFORD,$

MODEL G.

Color: Brewster green.

Seating capacity: Five persons.

Clutch: Cone.

Wheel base: 88 inches.

Tread: 56 inches.

Tire dimensions, front:30 x $3\frac{1}{2}$ inches.

Tire dimensions, rear: 30 x 312 inches.

Brakes: Three.

Type: Expanding on rear wheel drums and band on driving shaft.

Horse-power: 18.

Number of cylinders: Two.

Cylinders arranged: Horizontally op-

posed, under hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Two sets of dry

batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

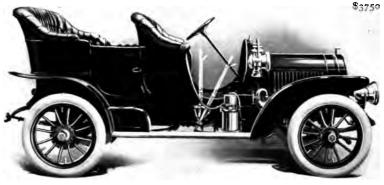
Number gear changes: Three forward,

one reverse.

POPE MANUFACTURING COMPANY, HARTFORD, CONN.

Price

\$2750 With cape top \$2900 Limousine



Model: POPE-HARTFORD,

MODEL L.

Color: Brewster green or royal blue.

Seating capacity: Five persons.

Clutch: Inverted cone.

Wheel base: 102 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Three.

Type: Expanding on rear wheel drums and band on driving shaft.

Horse-power: 25-30.

Number of cylinders: Four.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Planetic.

Ignition: Jump spark.

Electric source: Dry and storage batteries; provision for magneto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

POPE MOTOR CAR COMPANY, TOLEDO, OHIO



Price

\$3500 With cape top \$3700 Limousine \$5000

Model:POPE-TOLEDO, TYPE XII, LIMOUSINE.

Color: Black body; blue or maroon panels, optional.

Seating capacity: Seven persons.

Clutch: External cone.

Wheel base: 104 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Four.

Type: Internal expanding on rear wheels.

Horse-power: 35-40.

Number of cylinders: Four.

Cylinders arranged: Vertically, under hood; individual cylinders, twin

heads.

Cooling: Water.

Radiator: Pope-Toledo planetic.

Ignition: Jump spark

Electric source: Dry batteries; pro-

vision for magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

CAR POPE MOTOR COMPANY, TOLEDO, OHIO

Price

\$4250 With cape top \$4450 Limousine \$6000



Model: POPE-TOLEDO, TYPE XV.

Color: Red, green or blue.

Seating capacity: Seven persons.

Clutch: Multiple metal disc.

Wheel base: 115 inches.

Tread: 54 inches.

Tire dimensions, front: 36 x 3 ½ inches.

Tire dimensions, rear: 36 x 4 ½ inches.

Brakes: Three.

Type: Foot, on driving shaft; emergency, internal expanding on

rear wheels.

Horse-power: 50.

Number of cylinders: Four.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Pope-Toledo planetic.

Ignition: Jump spark.

Electric source: High tension mag-

neto.

Drive: Double side chain.

Transmission: Selective sliding gear.

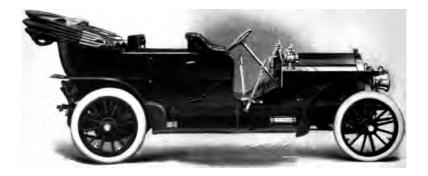
Number gear changes: Four forward,

one reverse.

DE DIETRICH IMPORT COMPANY, 3 WEST 44th ST., NEW YORK

Price

with cape top \$10,500 Limousine \$11,000



Model: LORRAINE-DE DIETRICH,

1907.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Metal or leather, optional.

Wheel base: 128 inches.

Tread: 56 inches.

Tire dimensions, front: 870 x 100 m/m.

Tire dimensions, rear: 920 x 125 m/m.

Brakes: Three.

Type: Emergency, internal expand-

ing; foot, band on drum.

Horse-power: 40-50.

Number of cylinders: Four.

Bore: 130 m/m. Stroke: 160 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

APPERSON BROTHERS AUTOMOBILE COMPANY, KOKOMO, IND.

Price

\$4000
With cape top
\$4200
Limousine
\$6000

Model: B 4.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Compression band.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Brakes: Three.

Type: Compression band, metal.

Horse-power: 40.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries

and magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

APPERSON BROTHERS AUTOMOBILE COMPANY, KOKOMO, IND.

Price



Model: A 4.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Compression band.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4 1/2 inches.

Brakes: Three.

Type: Compression band, metal.

Horse-power: 50.

Number of cylinders: Four.

Bore: 51/2 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery

and magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

APPERSON BROTHERS AUTOMOBILE COMPANY, KOKOMO, IND.

Price

\$15,000



Model: SPECIAL.

Color: Optional.

Seating capacity: Two persons.

Clutch: Compression band.

Wheel base: 110 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 3 ½ inches.

Tire dimensions, rear: 34 x 4 ½ inches.

Brakes: Three.

Type: External, metal.

Horse-power: 96

Number of cylinders: Four.

Bore: 61/4 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery

and magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price



Model: TOWN CAR.

Color: Optional.

Seating capacity: Five persons.

Clutch: Cone.

Wheel base: 84 inches.

Tread: 541/2 inches.

Tire dimensions, front : 30 x $3\frac{1}{4}$ inches

(760 x go m/m).

Tire dimensions, rear: 30 x 4 inches

(765 x 105 m/m).

Brakes: Three.

Type: Toggle expanding on rear

hubs and transmission.

Horse-power: 10.

Number of cylinders: One.

Bore: 43/4 inches. Stroke: 6 inches.

Cylinder arranged: Horizontally, under

body.

Cooling: Water.

Radiator: Square tube cellular.

Ignition: Jump spark and make-and-

break.

Electric source: Storage battery and coil to plug; magneto to make-

and-break.

Drive: Single chain; countershaft to

rear axle.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price

\$1000 With folding top, storm cover, rear seat, foreign tires and magneto \$1210



Model: RUNABOUT.

Color: Optional.

Seating capacity: Two persons; extra

rear seat.

Clutch: Cone.

Wheel base: 72 inches.

Tread: 54 1/2 inches.

Tire dimensions, front: 30 x 3 1/4 inches

 $(760 \times 90 \text{ m/m}).$

Tire dimensions, rear: 30 x 3 1/4 inches

(760 x 90 m/m).

Brakes: Three.

Type: Toggle expanding on rear

hubs and transmission.

Horse-power: 10.

Number of cylinders: One.

Bore: 43/4 inches. Stroke: 6 inches.

Cylinder arranged: Horizontally, under

body.

Cooling: Water.

Radiator: Square tube cellular.

Ignition: Jump spark and make-and-

break.

Electric source: Storage battery and

coil to plug; magneto to make-

and-break.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price



Model: LIGHT DELIVERY CAR.

Color: Optional.

Carrying capacity: 1000 pounds. Seating capacity: Two persons.

Clutch: Cone.

Wheel base: 84 inches.

Tread: 541/2 inches.

Tire dimensions, front: 30 x 21/2 inches

(solid).

Tire dimensions, rear: 30 x 3 inches

(solid).

Brakes: Three.

Type: Toggle expanding on rear hubs and transmission.

Horse-power: 10.

Number of cylinders: One.

Bore: 43/4 inches. Stroke: 6 inches.

Cylinder arranged: Horizontally, under

body.

Cooling: Water.

Radiator: Square tube cellular.

Ignition: Jump spark and make-and-

break.

Electric source: Storage battery and

coil to plug; magneto to make-

and-break.

Drive: Single chain; countershaft to

rear axle.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

MOTOR COMPANY, 6 EAST HEWITT ST., NEW 31sT YORK

Price chassis \$4000



Model: FIVE-TON MOTOR Number of cylinders: Four.

TRUCK.

Color: Finished in lead.

Seating capacity: Two persons.

Clutch: Cone.

Wheel base: 168 inches.

Tread: 68 inches.

Tire dimensions, front: 36 x 5 inches

(solid).

Tire dimensions, rear: 36 x 4 inches

(twin solid).

Brakes: Three.

Type: Toggle expanding on rear

wheels and driving shaft.

Horse-power: 30.

Bore: 41/4 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood, between seats.

Cooling: Water.

Radiator: Square tube cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto and storage battery.

Drive: Double side chain.

Transmission: Planetary.

Number gear changes: Two forward,

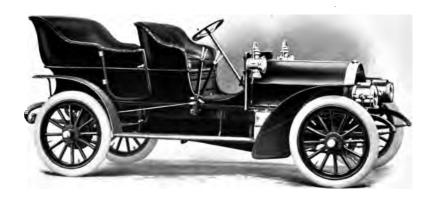
one reverse.

HEWITT MOTOR COMPANY, 6 EAST 31st ST., NEW YORK

Price

chassis

\$4000



Model: TOURING CAR, LAND-AULET OR LIMOUSINE.

Color: Optional.

Seating capacity: Five persons.

Clutch: Cone.

Wheel base: 112 inches.

Tread: 541/2 inches.

Tire dimensions, front: 870 x 90 m/m.

Tire dimensions, rear: 875 x 105 m/m.

Brakes: Three.

Type: Toggle expanding on rear wheels and driving shaft.

Horse-power: 50-60.

Number of cylinders: Eight.

Bore: 4 inches. Stroke: 41/2 inches.

Cylinders arranged: V type, four each side, 90 degrees apart, under hood.

Cooling: Water.

Radiator: Square tube cellular.

Ignition: Jump spark.

Electric source: High tension mag-

neto.

Drive: Bevel gear.

Transmission: Sliding gear or plan-

etary.

Number gear changes: Three or two

forward, one reverse.

Price \$4200



Model: PACKARD 30.

Color: Body and frame, Richelieu blue, with black moulding; running gear, cream yellow.

Seating capacity: Five (with folding seats, seven) persons.

Clutch: Packard expanding band.

Wheel base: 122 inches

Tread: 561/2 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Four.

Type: Expanding and contracting on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Low tension magneto and storage batteries.

Drive : Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward, one reverse.

PACKARD MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

with canopy top \$4575



Model: PACKARD 30.

Color: Body and frame, Richelieu blue, with black moulding; running gear, cream yellow.

Seating capacity: Five (with folding seats, seven) persons.

Clutch: Packard expanding band.

Wheel base: 122 inches.

Tread: 561/2 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Four.

Type: Expanding and contracting on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Low tension mag-

neto and storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

PACKARD MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price limousine \$5500



Model: PACKARD 30.

Color: Upper body and mouldings, black; under body, frame and running gear, Richelieu blue; roof over driver and all window frames, mahogany, natural finish.

Seating capacity: Seven persons.

Clutch: Packard expanding band.

Wheel base: 122 inches.

Tread: 561/2 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Four.

Type: Expanding and contracting on rear wheels.

Horse-power: 30

Number of cylinders: Four.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Low tension magneto and storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear,

Number gear changes: Three forward, one reverse.

Price

landaulet \$5500



Model: PACKARD 30.

Color: Upper body and mouldings, black; under body, frame and running gear, Richelieu blue; roof over driver and all window frames, mahogany, natural finish.

Seating capacity: Seven persons.

Clutch: Packard expanding band.

Wheel base: 122 inches.

Tread: 561/2 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under hood; cast in pairs,

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Low tension magneto and storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward, one reverse.

PACKARD MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

with cape top \$4325 to \$4350



Model: PACKARD 30.

Color: Body and frame, Richelieu blue, with black moulding; running gear, cream yellow.

Seating capacity: Five (with folding seats, seven) persons.

Clutch: Packard expanding band.

Wheel base: 122 inches.

Tread: 561/2 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear; 34 x 41/2 inches.

Brakes : Four.

Type: Expanding and contracting on rear wheels.

Horse-power: 30.

Number of cylinders: Four,

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under bood; cast in pairs.

Cooling: Water.

Radiator: Tubular,

Ignition: Jump spark.

Electric source: Low tension magneto and storage batteries.

Drive: Bevel gear.

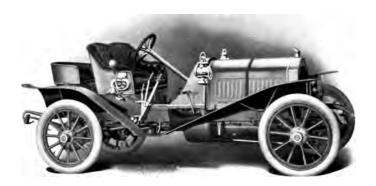
Transmission: Sliding gear.

Number gear changes: Three forward, one reverse.

PACKARD MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

runabout \$4200



Model: PACKARD 30.

Color Body and frame, Richelieu blue, with black moulding; running gear, cream yellow.

Seating capacity: Two persons (and one on rumble).

Clutch: Packard expanding band.

Wheel base: 108 inches.

Tread: 56 1/2 inches.

Tire dimensions, front: $34 \times 3\frac{1}{2}$ inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Low tension mag-

neto and storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE HAYNES **AUTOMOBILE** COMPANY, KOKOMO, INDIANA

Price

\$2400 With top \$2475



Model: S RUNABOUT.

Color: Dark green and red.

Seating capacity: Two persons.

Clutch: Haynes band.

Wheel base: 103 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Four.

Type: Double bands on ro-inch drum on rear wheels; internal expanding, controlled by hand lever; external contracting, controlled by foot pedal.

Horse-power: 30.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Shaft, with Haynes roller

pinion and sprocket.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

THE HAYNES AUTOMOBILE COMPANY, KOKOMO. INDIANA

Price



Model: S.

Color: Dark green and red.

Seating capacity: Five persons.

Clutch: Haynes band.

Wheel base: 103 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Four.

Type: Double bands on 10-inch drum on rear wheels; internal expanding, controlled by hand lever; external contracting, con-

trolled by foot pedal.

Horse-power: 30.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Shaft, with Haynes roller

pinion and sprocket.

Transmission: Selective sliding gear.

Number gear changes: Three forward, one reverse.

THE HAYNES AUTOMOBILE COMPANY, KOKOMO, INDIANA

Price

\$3500



Model: V.

Color: Optional.

Seating capacity: Two persons.

Clutch: Haynes band.
Wheel base: 105 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Four.

Type: Double bands on ro-inch drum on rear wheels; internal expanding, controlled by hand lever; external contracting, controlled by foot pedal.

Horse-power: 50.

Number of cylinders: Four.

Bore: 514 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: High tension magneto and storage battery.

neto and storage battery.

Drive: Shaft, with Haynes roller pinion and sprocket.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

THE **HAYNES** AUTOMOBILE COMPANY, KOKOMO, INDIANA

Price

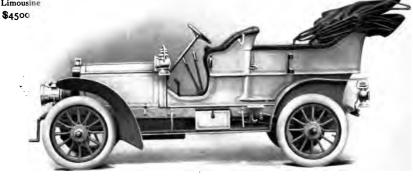
\$3500 With unlined top

\$3600

With lined top

\$3625

Limousine



Model: T.

Color: Dark green and red.

Seating capacity: Seven persons.

Clutch: Haynes band.

Wheel base: 108 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 ½ inches.

Tire dimensions, rear: 34 x 4 ½ inches.

Brakes: Four.

Type: Double bands on 12-inch drum on rear wheels; internal expanding, controlled by hand lever; external contracting, con-

trolled by foot pedal.

Horse-power: 50.

Number of cylinders: Four.

Bore: 51/4 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: High tension mag-

neto and storage battery.

Shaft, with Haynes roller Drive:

pinion and sprocket.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$4500



Model: T. LIMOUSINE.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Haynes band.

Wheel base: 108 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 41/2 inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Four.

Type: Double bands on 12-inch drum on rear wheels; internal expanding, controlled by hand lever; external contracting, controlled by foot pedal.

Horse-power: 50:

Number of cylinders: Four.

Bore: 51/4 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: High tension mag-

neto and storage battery.

Drive: Shaft, with Haynes roller pinion and sprocket.

Transmission: Selective sliding gear.

Number gear changes: Three forward, one reverse.

SIDNEY B. BOWMAN AUTOMOBILE COMPANY, NEW YORK, N. Y.

Price



Model: CLEMENT-BAYARD.

Color: Blue and red, green and yellow,

red and red.

Seating capacity: Six persons.

Clutch: Disc.

Wheel base: 115 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 3 ½ inches.

Tire dimensions rear: 34 x 4 1/2 inches.

Brakes: Three.

Type: Expanding on driving shaft

and rear wheels.

Horse-power: 24.

Number of cylinders: Four.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Double jump spark.

Electric source: High tension mag-

neto and storage battery.

Drive: Bevel gear.

Transmission: Progressive sliding

gear.

Number gear changes: Four forward,

one reverse.



Model: CLEMENT-BAYARD.

Color: Blue and red, green and yellow,

red and red.

Seating capacity: Seven persons.

Clutch: Disc.

Wheel base: 125 inches.

Tread: 56 inches.

Tire dimensions, front: $36 \times 4\frac{1}{2}$ inches.

Tire dimensions, rear: 36 x 434 inches.

Brakes: Three.

Type: Expanding on driving shaft

and rear wheels.

Horse-power: 45 (also 30).

Number of cylinders: Four.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Make-and-break and jump

spark.

Electric source: Low tension mag-

neto and storage battery.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

SIDNEY B. BOWMAN AUTOMOBILE COMPANY, NEW YORK, N. Y.

Price

runabout

\$10,750 Other bodies extra, according to style and make



Model: CLEMENT-BAYARD.

Color: Blue and red, green and yellow,

red and red.

Seating capacity: Eight persons.

Clutch: Disc.

Wheel base: 130 inches.

Tread: 57 inches.

Tire dimensions, front: $36 \times 4\frac{1}{2}$ inches.

Tire dimensions, rear: 36 x 5 1/4 inches.

Brakes: Three.

Type: Expanding on driving shaft

and rear wheels.

Horse-power: 60.

Number of cylinders: Four.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Make-and-break and jump

spark.

Electric source: Low tension mag-

neto and storage battery.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

WALTER AUTOMOBILE COMPANY, 49 W. 66TH ST., NEW YORK

Price

\$5500 With cape top \$5650 Limousine \$6900



Model: 1907.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Metallic.

Wheel base: 122 inches.

Tread: 561/2 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Three.

Type: Metallic.

Horse-power: 50 (also 40).

Number of cylinders: Four.

Bore: 5 inches. Stroke: 5 1/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: High tension mag-

neto.

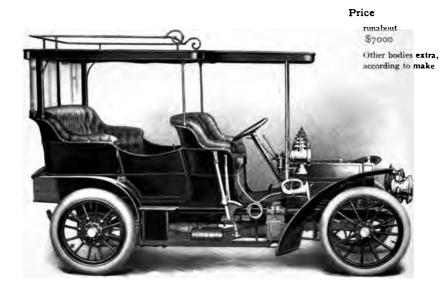
Drive: Bevel gear.

Transmission: Double sliding gear.

Number gear changes: Three forward,

one reverse.

AUTO IMPORT COMPANY, 1786 BROADWAY, NEW YORK, N. Y.



Model: ROCHET-SCHNEIDER.

Color: Optional.

Seating capacity: Two to seven persons.

Clutch: Metal internal expanding.

Wheel base: 117 inches.

Tread: 57 inches.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Three.

Type: Band, enclosed.

Horse-power: 30-35 (also 18-22 and

40-50).

Number of cylinders: Four.

Bore: 120 m/m. Stroke: 160 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price \$2750



Model: C-I, THOMAS 40-HORSE.

Color: French gray.

Seating capacity: Two persons (rumble

seat at extra price).

Clutch: Cone, leather faced.

Wheel base: 1121/2 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Internal expanding on rear wheels and external band on

driving shaft.

Horse-power: 35-40.

Number of cylinders: Four.

Bore: 434 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$2750 With cape top \$2900 Limousine

\$3750



Model: C-II, THOMAS 40-HORSE.

Color: Thomas blue.

Seating capacity: Five persons.

Clutch: Cone, leather faced.

Wheel base: 1121/2 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Internal expanding on rear wheels and external band on

driving shaft.

Horse-power: 35-40.

Number of cylinders: Four.

Bore: 43/4 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

Price \$4000



Model: XXXVI, THOMAS FLYER.

Color: Royal green, Mercedes red or Victoria Park lake body with English vermilion gear.

Seating capacity: Seven persons.

Clutch: Three metallic discs.

Wheel base: 118 inches.

Tread: 56 inches.

Tire dimensions, front: 36×4 inches. Tire dimensions, rear: 36×5 inches.

Brakes: Four.

Type: External on rear wheels and hubs on forward sprockets.

Horse-power: 60.

Number of cylinders: Four.

Bore: 51/2 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Double jump spark.

Electric source: Dry battery and

magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.



Model: XXXIX, THOMAS FLYER.

Color: Royal green, Mercedes red or Victoria Park lake body with English vermilion gear.

Seating capacity: Seven persons.

Clutch: Three metallic discs.

Wheel base: 118 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Four.

Type: External on rear wheels and

hubs on forward sprockets.

Horse-power: 60.

Number of cylinders: Four.

Bore: 51/2 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Double jump spark.

Electric source: Dry battery and

magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price landaulet \$5200



Model: XL, THOMAS FLYER.

Color: Royal green, Mercedes red or Victoria Park lake body with English vermilion gear.

Seating capacity: Seven persons.

Clutch: Three metallic discs.

Wheel base: 118 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Four.

Type: External on rear wheels and

hubs on forward sprockets.

Horse-power: 60.

Number of cylinders: Four.

Bore: 5½ inches. Stroke: 5½ inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Double jump spark.

Electric source: Dry battery and

magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.



Model: PIERCE GREAT ARROW.

Color: Optional.

Seating capacity: Five persons.

Clutch: Cone, leather faced.

Wheel base: 112 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Brakes: Four.

Type: Internal and external on drums on both rear wheels.

Horse-power: 28-32.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 43/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE GEORGE N. PIERCE COMPANY, BUFFALO, N. Y.

Price

\$5000 With cape top \$5200 Limousine \$6250



Model: PIERCE GREAT ARROW.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 124 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Four.

Type: Internal and external on drums on both rear wheels.

Horse-power: 40-45.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE GEORGE N. PIERCE COMPANY, BUFFALO, N. Y.

Price

\$6500

With cape top

\$6700



Model: PIERCE GREAT ARROW.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 135 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4½ inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Four.

Type: Internal and external on

Horse-power: 65.

drums on both rear wheels.

Number of cylinders: Six.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE GEORGE N. PIERCE COMPANY, BUFFALO, N. Y.

Price

\$5000 With 40-45 horse-power



Model: GREAT ARROW SUBUR-

BAN.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 112 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Four.

Type: Internal and external on

drums on both rear wheels.

Horse-power: 28-32.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 43/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE CORBIN MOTOR VEHICLE CORPORATION, NEW BRITAIN, CT.

Price

\$2250

With cape top \$2300



Model: I.

Color: Venetian green with black

stripes.

Seating capacity: Three persons, in-

cluding chauffeur's seat.

Clutch: Cone, leather faced.

Wheel base: 100 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 3 ½ inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: Expanding on rear wheels.

Horse-power: 24.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

THE CORBIN MOTOR VEHICLE CORPORATION, NEW BRITAIN, CT.

Price

\$2500

With cape top \$2600

Limousine \$3500



Model: H.

Color: Venetian green with black

stripes.

Seating capacity: Five persons.

Clutch: Cone. leather faced.

Wheel base: 108 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 3 12 inches.

01 0 2

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: Expanding on rear wheels.

Horse-power: 24.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

THE CORBIN MOTOR VEHICLE CORPORATION, NEW BRITAIN, CT.

Price

limousine \$3500



Model: H, LIMOUSINE.

Color: Brewster green.

Seating capacity: Five persons.

Clutch: Cone, leather faced.

Wheel base: 108 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: Expanding on rear wheels.

Horse-power: 24.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

THE F. B. STEARNS COMPANY, CLEVELAND, OHIO

Price \$4500



Model: STEARNS 30 HORSE POWER.

Color: Optional.

Seating capacity: Five to seven persons.

Clutch: Expanding on rim of fly-wheel.

Wheel base: 120 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Brakes: Three.

Type: Band on differential; internal expanding on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 5\% inches. Stroke: 5\% inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Vertical flat tubes.

Ignition: Jump spark.

Electric source: High tension mag-

neto and dry batteries.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

STUDEBAKER AUTOMOBILE COMPANY, SOUTH BEND, INDIANA

Price

\$3000

With cape top

\$3200

Limousine

\$4000



Model: L.

Color: Dark blue, body and gear; dark green, body and gear; carmine

body, vermilion gear.

Seating capacity: Five persons.

Clutch: Cone.

Wheel base: 104 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: Contracting on rear wheels, controlled by pedal; expanding on rear wheels, controlled by hand lever.

Horse-power: 28.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

STUDEBAKER AUTOMOBILE COMPANY, SOUTH BEND, INDIANA

Price

\$4000 With cape top \$4200 Limousine \$5000



Model: H.

Color: Dark blue, body and gear; dark green, body and gear; carmine body, vermilion gear.

Seating capacity: Five persons.

Clutch: Cone, with cork inserts.

Wheel base: 104 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Contracting on driving shaft, controlled by pedal; expanding on rear wheels, controlled by hand lever. Horse-power: 30.

Number of cylinders: Four.

Bore: 418 inches. Stroke: 51/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

STUDEBAKER AUTOMOBILE COMPANY, SOUTH BEND, INDIANA

Price

\$5000



Model: H, LIMOUSINE.

Color: Dark blue, dark green or

maroon.

Seating capacity: Seven persons.

Clutch: Cone, with cork inserts.

Wheel base: 104 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Three.

Type: Contracting on driving shaft, controlled by pedal; expanding on rear wheels, controlled by hand

lever

Horse-power: 30.

Number of cylinders: Four.

Bore: 418 inches. Stroke: 514 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE PEERLESS MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

\$4000 With cape top \$4150 Limousine \$5000



Model: 16, TOURING.

Color: Peerless green (standard).

Seating capacity: Five persons.

Clutch: Internal expanding.

Wheel base: 109 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 45% inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price

\$5000



Model: 16, LIMOUSINE.

Color: Blue or maroon.

Seating capacity: Seven persons.

Clutch: Internal expanding.

Wheel base: 109 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 ½ inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 45% inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

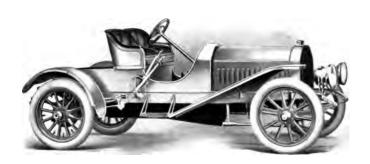
Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price \$5000



Model: 15, ROADSTER.

Color: Blue with red running gear.

Seating capacity: Three persons, in-

cluding chauffeur's seat.

Clutch: Internal expanding.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 ½ inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 45.

Number of cylinders: Four.

Bore: 51/4 inches. Stroke: 53/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price

\$5000 With cape top \$5150 Limousine \$6000



Model: 15, TOURING.

Color: Peerless green.

Seating capacity: Five persons.

Clutch: Internal expanding.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 12 inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 45.

Number of cylinders: Four.

Bore: 514 inches. Stroke: 534 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

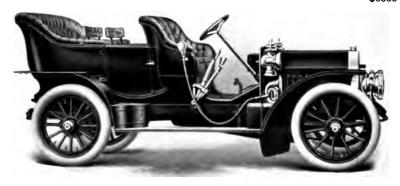
Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse

Price

\$5000 With cape top \$5150 Limousine \$6000



Model: 15.

Color: Peerless green.

Seating capacity: Seven persons.

Clutch: Internal expanding.

Wheel base: 119 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 45.

Number of cylinders: Four.

Bore: 51/4 inches. Stroke: 53/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price

\$6000



Model: 15, LIMOUSINE.

Color: Blue.

Seating capacity: Seven persons.

Clutch: Internal expanding.

Wheel base: 119 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 ½ inches.

Brakes: Four.

Type: Expanding and contracting

on rear wheels.

Horse-power: 45.

Number of cylinders: Four.

Bore: 51/4 inches. Stroke: 53/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price \$2700



Model: E,FISH-TAIL RUNABOUT.

Color: Optional.

Seating capacity: Two persons.

Clutch: Cone.

Wheel base: 96 inches.

Tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Three.

Type: Contracting on countershaft and expanding on rear wheels,

all metal-to-metal.

Horse-power: 20.

Number of cylinders: Four.

Bore: 334 inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

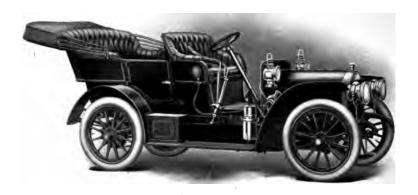
Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

without top \$2800



Model: E, STANDARD.

Color: Optional.

Seating capacity: Five persons.

Clutch: Cone.

Wheel base: 96 inches.

Tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Three.

Type: Contracting on countershaft and expanding on rear wheels,

all metal-to-metal.

Horse-power: 20.

Number of cylinders: Four.

Bore: 33/4 inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price \$3800



Model: E, LIMOUSINE.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone.

Wheel base: 106 inches.

Tread: 50 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 ½ inches.

Brakes: Three.

Type: Contracting on countershaft and expanding on rear wheels,

all metal-to-metal.

Horse-power: 20.

Number of cylinders: Four.

Bore: 3\(\frac{1}{2}\) inches. Stroke: 4\(\frac{1}{2}\) inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

without top \$4500



Model: H, STANDARD.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone.

Wheel base: 120 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Three.

Type: Contracting on countershaft and expanding on rear wheels,

all metal-to-metal.

Horse-power: 35.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price \$5700



Model: H, LIMOUSINE.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone.

Wheel base: 120 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 5 inches.

Brakes: Three.

Type: Contracting on countershaft and expanding on rear wheels,

all metal-to-metal.

Horse-power: 35.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

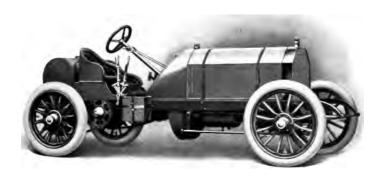
Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price

\$15,000



Model: CUP RACER.

Color: French gray.

Seating capacity: Two persons.

Clutch: Cone.

Wheel base: 110 inches.

Tread: 54 inches.

Tire dimensions, front: 34 x 3 ½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Three.

Type: Contracting on countershaft and expanding on rear wheels,

all metal-to-metal.

Horse-power: 90.

Number of cylinders: Four.

Bore: 71/4 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$5000 With Stanhope top \$5200 Limousine \$6000



Model: F, RUNABOUT.

Color: Blue, gray, carmine or maroon.

Seating capacity: Three persons.

Clutch: Multiple disc.

Wheel base: 117 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 3½ inches.

Tire dimensions, rear: 36 x 4 inches.

Brakes: Four.

Type: Foot, contracting, and expanding hub; all metal-to-metal.

Horse-power: 40.

Number of cylinders: Four.

Bore: 4 % inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Double jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.



Model: F, TOURING.

Color: Blue, gray, carmine or maroon.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 117 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Brakes: Four.

Type: Foot, contracting, and expanding hub; all metal-to-metal.

Horse-power: 40.

Number of cylinders: Four.

Bore: 4 1/2 inches. Stroke: 5 1/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Double jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price \$6000



Model: F, LANDAULET.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 117 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4 1/2 inches.

Brakes: Four.

Type: Foot contracting, and expanding hub; all metal-to-metal.

Horse-power: 40.

Number of cylinders: Four.

Bore: 4 % inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Double jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price

\$6000



Model: F, LIMOUSINE.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 117 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4 1/2 inches.

Brakes: Four.

Type: Foot, contracting, and expanding hub; all metal-to-metal.

Horse-power: 40.

Number of cylinders: Four.

Bore: 45% inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Double jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.



Model: E, TOURING.

Color: Blue, gray, carmine or maroon.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 120 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4 1/2 inches.

Brakes: Four.

Type: Foot, contracting, and expanding hub; all metal-to-metal.

Horse-power: 60.

Number of cylinders: Four.

Bore: 51/2 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Double jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price

\$7000

With cape top

\$7200

Limousine

\$8000



Model: E.

Color: Blue, gray, carmine or maroon.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 120 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 41/2 inches.

Brakes: Four.

Type: Foot, contracting, and expanding hub; all metal-to-metal.

Horse-power: 60.

Number of cylinders: Four.

Bore: 51/2 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Tubular.

Ignition: Double jump spark.

Electric source: Storage battery and

high tension magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

WYCKOFF, CHURCH & PARTRIDGE, BROADWAY, Cor. 56th St., N. Y.

Price

runabout \$6500

Other bodies extra, according to style and make



Model: ENGLISH DAIMLER.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Cone, leather faced.

Wheel base: 114 to 140 inches.

Tread: 54 inches.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Four.

Type: External on rear wheels and

countershaft.

Horse-power: 30-40.

Number of cylinders: Four.

Bore: 130 m/m. Stroke: 150 m/m.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery and

magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

WYCKOFF, CHURCH & PARTRIDGE, BROADWAY, Cor. 56th St., N. Y.

Price

runabout \$7250

Other bodies extra, according to style and make

Model: C. G. V.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Cone, leather faced.

Wheel base: 102 to 120 inches.

Tread: 56 inches.

Tire dimensions, front: 920 x 120 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Three.

Type: Expanding on rear wheels

and differential.

Horse-power: 30-35.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 5 1/8 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Gilled tube.

Ignition: Jump spark.

Electric source: Storage battery and

magneto.

Drive: Double side chain.

Transmission: Sliding gear.

Number gear changes: Four forward,

one reverse.

THE AUTOCAR COMPANY, ARDMORE, PA.

Price



Model: TYPE XV.

Color: Automobile red or Brewster

green.

Seating capacity: Two or three persons.

Clutch: Autocar floating disc with

inserts.

Wheel base: 801/2 inches.

Tread: 54 inches.

Tire dimensions, front: 30 x 3 inches.

Tire dimensions, rear: 30 x 3 inches.

Brakes: Four.

Type: External and internal on rear

wheels.

Horse-power: 12.

Number of cylinders: Two.

Bore: 4 inches. Stroke: 4 inches.

Cylinders arranged: Horizontally op-

posed, under hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE AUTOCAR COMPANY, ARDMORE, PA.

Price

\$3000



Model: TYPE XIV.

Color: Automobile red or Brewster

green.

Seating capacity: Five persons.

Clutch: Autocar floating disc with

inserts.

Wheel base: 109 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: External and internal on rear

wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE AUTOCAR COMPANY, ARDMORE, PA.

Price limousine or landaulet, including open touring body \$3500

Model: TYPE XII LIMOUSINE.

Color: Brewster green with red run-

ning gear.

Seating capacity: Five persons.

Clutch: Autocar floating disc with

inserts.

Wheel base: 100 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 ½ inches.

Brakes: Four.

Type: External and internal on rear

wheels.

Horse-power: 24.

Number of cylinders: Four.

Bore: 4 inches. Stroke: 4 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$2400

With cape top

\$2470



Model: R, RUNABOUT.

Color: Brewster green.

Seating capacity: Two persons.

Clutch: Multiple disc.

Wheel base: go inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 3 12 inches.

Brakes: Three.

Type: Contracting on driving shaft and expanding on rear wheels.

Horse-power: 20.

Number of cylinders: Four.

Bore: 3% inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Dry cells.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward.

one reverse.

Price

\$2500 With cape top \$2600 Limousine \$3300



Model: R.

Color: Brewster green.

Seating capacity: Five persons.

Clutch: Multiple disc.

Wheel base: 90 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 31/2 inches.

Tire dimensions, rear: 30 x 31/2 inches.

Brakes: Three.

Type: Contracting on driving shaft and expanding on rear wheels.

Horse-power: 20.

Number of cylinders: Four.

Bore: 31/8 inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Dry cells.

Drive: Bevel gear.

Transmission: Sliding gear.

 $Number\ gear\ changes:\ Three\ forward,$

one reverse.

Price

\$3300



Model: R, LIMOUSINE.

Color: Brewster green.

Seating capacity: Five persons.

Clutch: Multiple disc.

Wheel base: 90 inches.

Tread: 56 inches.

Tire dimensions, front: 31 x 4 inches.

Tire dimensions, rear: 31 x 4 inches.

Brakes: Three.

Type: Contracting on driving shaft and expanding on rear wheels.

Horse-power: 20.

Number of cylinders: Four.

Bore: 3 1/8 inches. Stroke: 4 1/2 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Dry cells.

Drive: Bevel gear.

Transmission: Sliding gear.

 $Number\,gear\,changes: Three\,forward,$

one reverse.

Price

\$3500

With cape top \$3650



Model: U.

Seating capacity: Five persons.

Clutch: Multiple disc.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Four.

Type: Contracting and expanding

on rear hubs.

Horse-power: 30-35.

Number of cylinders : Six.

Bore: 37/8 inches. Stroke: 43/4 inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

with cape top \$6000



Model: S.

Color: S-D. green, and crimson chas-

sis; or any color desired.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 122 inches.

Tread: 56 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Four.

Type: Contracting and expanding

on rear hubs.

Horse-power: 50.

Number of cylinders: Six.

Bore: 4¾ inches. Stroke: 5¼ inches.

Cylinders arranged: Vertically, under

hood; cast separately.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Dry and storage

batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.



Price

\$400 With buggy top \$425

Model: B. R., ORIENT BUCK-BOARD.

Color: Natural wood; carmine running gear.

Seating capacity: Two persons.

Wheel base: 80 inches.

Tread: 42 inches.

Tire dimensions, front: 26 x 2 ½ inches.

Tire dimensions, rear: 26 x 21/2 inches.

Brakes: Two.

Type: External bands on both rear

hubs.

Horse-power: 4.

Number of cylinders: One.

Bore: 3 1/4 inches. Stroke: 4 1/4 inches.

Cylinder arranged: Vertically, in rear

of car.

Cooling: Air.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Double side chain.

Transmission: Friction.

Number gear changes: Five forward.

two reverse.

Price

\$450



Model: D. C, WALTHAM DELIV-ERY CAR.

Color: Natural wood; carmine running gear.

Seating capacity: Two persons.

Tread: 42 inches.

Wheel base: 89 inches.

Tire dimensions, front: 26 x 2 ½ inches.

Tire dimensions, rear: 26 x 2 ½ inches.

Brakes: Two.

Type: External bands on both rear

wheels.

Horse-power: 4.

Number of cylinders: One.

Bore: 3 1/4 inches. Stroke: 4 1/4 inches.

Cylinder arranged: Vertically, in rear of car.

Cooling: Air.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Double side chain.

Transmission: Friction.

Number gear changes: Five forward,

two reverse.

Price

\$475 With cape top **\$**500



Model: E.R., ORIENT RUNABOUT.

Color: Dark green; carmine running

gear.

Seating capacity: Two persons.

Wheel base: 73 inches.

Tread: 42 inches.

Tire dimensions, front: 26 x 2½ inches.

Tire dimensions, rear: 26 x 21/2 inches.

Brakes: Two.

Type: External bands on rear hubs.

Horse-power: 4.

Number of cylinders: One.

Bore: 31/4 inches. Stroke: 41/4 inches.

Cylinder arranged: Vertically, in rear

of car.

Cooling: Air.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Double side chain.

Transmission: Friction.

Number gear changes: Five forward,

two reverse.

Price



Model: T.R., WALTHAM-ORIENT.

Color: Brewster green; cream-white

running gear.

Seating capacity: Two persons.

Clutch: Cone, leather faced.

Wheel base: 82 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 3½ inches.

Tire dimensions, rear: 30 x 31/2 inches.

Brakes: Three.

Type: Foot, on transmission shaft; hand, external bands on rear hubs.

Horse-power: 16.

Number of cylinders: Four.

Bore: 31/4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

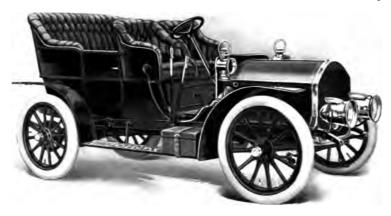
Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$1750 With cape top \$1850



Model: T.T., WALTHAM-ORIENT.

Color: Brewster green; cream-white

running gear.

Seating capacity: Five persons.

Clutch: Cone, leather faced.

Wheel base: 96 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 31/2 inches.

Brakes: Three.

Type: Foot, on driving shaft: hand,

external bands on rear hubs.

Horse-power: 20.

Number of cylinders: Four.

Bore: 4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$2000

With cape top \$2100



Model: D.L., WALTHAM-ORIENT.

Color: Brewster green; cream-white

running gear.

Seating capacity: Five persons.

Clutch: Cone, leather faced.

Wheel base: 96 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3 ½ inches.

Brakes: Three.

Type: Foot, on driving shaft; hand, external bands on rear hubs.

Horse-power: 20.

Number of cylinders: Four.

Bore: 4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN.

Price \$1650 With cape top \$1775



Model: XLIV-2.

Color: Body: green, gold stripe; gear: green, light green stripe.

Seating capacity: Five persons.

Clutch: Cone, leather faced.

Wheel base: 91 inches.

Tread: 55 inches.

Tire dimensions, front: 32 x 3 12 inches.

Tire dimensions, rear: 32 x 3 ½ inches.

Brakes: Four.

Type: Hand, expanding on rear wheels: foot, contracting on rear wheels; drums separated for cooling. Horse-power: 18-19.

Number of cylinders: Two.

Bore: 5 inches. Stroke: 41/4 inches.

Cylinders arranged: Horizontally opposed, under hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward, one reverse.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN.

Price

\$3000 With cape top \$3150

Limousine



Model: COLUMBIA MARK XLVIII TOURING CAR.

Color: Green.

Seating capacity: Five persons.

Clutch: Cone, leather faced.

Wheel base: 109 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 3 ½ inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Four.

Foot, contracting bands; Type: emergency, expanding shoes; all on rear wheels.

Horse-power: 24-28.

Number of cylinders: Four.

Bore: 4 inches. Stroke: 41/4 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Make-and-break

Electric source: Low tension mag-

neto.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN.

Price

\$4500

With cape top **\$**4750

Limousine \$5500



Model: COLUMBIA MARK XLIX TOURING CAR.

Color: Green.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 112 inches.

Tread: 55 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4 12 inches.

Brakes: Four.

Type: Foot, expanding on countershaft: emergency, expanding on rear wheels.

Horse-power: 40-45.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Storage battery Electric source: (option of high tension magneto).

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward, one reverse.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN.

Price

\$5500



Model: COLUMBIA MARK XLIX, LANDAULET.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone. leather faced.

Wheel base: 11912 inches.

Tread: 55 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 412 inches.

Brakes: Four.

Type: Foot, expanding on countershaft; emergency, expanding on

rear wheels.

Horse-power: 40-45.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery option of high tension magneto).

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

ELECTRIC VEHICLE COMPANY, HARTFORD, CONN

Price \$5500



Model: COLUMBIA MARK XLIX, LIMOUSINE.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 1191/2 inches.

Tread: 55 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4 ½ inches.

Brakes: Four.

Type: Foot, expanding on countershaft; emergency, expanding on

rear wheels.

Horse-power: 40-45.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery

(option of high tension magneto).

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

OLDS MOTOR WORKS, LANSING, MICHIGAN

Price

\$650



Model: B,STRAIGHT-DASH RUN-ABOUT.

Color: Black or French gray.

Seating capacity: Two persons.

Clutch: Disc.

Wheel base: 66 inches.

Tread: 55 inches.

Tire dimensions, front: 28 x 3 inches.

Tire dimensions, rear: 28 x 3 inches.

Brakes: Three.

Type: Transmission and rear hub.

Horse-power: 7.

Number of cylinders: One.

Bore: 5 inches. Stroke: 6 inches.

Cylinder arranged: Horizontally, under body.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

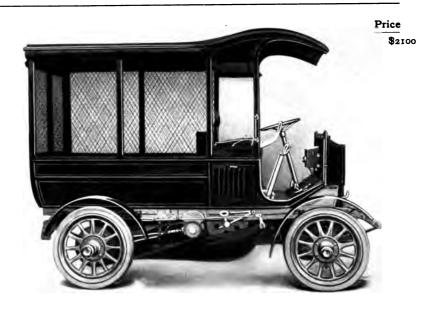
Electric source: Dry batteries.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.



Model: F, OLDSMOBILE DELIVERY.

Color: Optional.

Carrying capacity: 1500 pounds.

Clutch: Disc.

Wheel base: 83 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Brakes: Three.

Type: Hub, controlled by lever; transmission, controlled by pedal.

Horse-power: 16.

Number of cylinders: Two.

Bore: 5 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

seat.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Double side chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

OLDS MOTOR WORKS, LANSING, MICHIGAN

Price

\$2300



Model: F, WAGONETTE.

Color: Optional.

Seating capacity: Twelve persons.

Clutch: Disc.

Wheel base: 82 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Brakes: Three.

Type: Hub, controlled by lever; transmission, controlled by pedal.

Horse-power: 16.

Number of cylinders: Two.

Bore: 5 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

seat.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Double side chain.

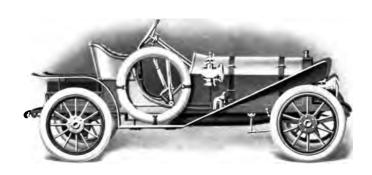
Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

OLDS MOTOR WORKS, LANSING, MICHIGAN

Price \$2750



Model: H, FLYING ROADSTER.

Color: Red and French gray.

Seating capacity: Two persons.

Clutch: Reversed cone.

Wheel base: 106 1/2 inches.

Tread: 55 inches.

Tire dimensions, front: 34 x 3½ inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Internal expanding on hubs; contracting on transmission.

Horse-power: 35-40.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 434 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

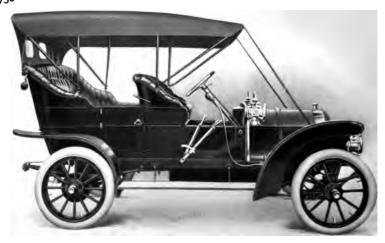
Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

OLDS MOTOR WORKS, LANSING, MICHIGAN

Price \$2750



Model: A, PALACE TOURING CAR.

Color: Brewster green or French gray.

Seating capacity: Five persons.

Clutch: Reversed cone.

Wheel base: 1061/2 inches.

Tread: 55 inches.

Tire dimensions, front: 34 x 3 1/2 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Expanding on hubs; contracting on transmission.

Horse-power: 35-40.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 43/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Vertical tube.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

OLDS MOTOR WORKS, LANSING, MICHIGAN

Price \$3800



Model: A, LIMOUSINE.

Color: Brewster green or French gray.

Seating capacity: Five persons.

Clutch: Reversed cone.

Wheel base: 1061/2 inches.

Tread: 55 inches.

Tire dimensions, front: 34 x 3 12 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Expanding on hubs; con-

tracting on transmission,

Horse-power: 35-40.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 43/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Vertical tubular.

Ignition: Jump spark.

Electric source: Storage and dry

batteries.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE ROYAL MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

\$4000



Model: ROYAL TOURIST RUN-

ABOUT.

Color: Standard.

Seating capacity: Two persons.

Clutch: Cone, leather faced.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 ½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Three.

Type: Expanding on rear wheels; contracting on driving shaft.

Horse-power: 45.

Number of cylinders: Four.

Bore: 51/8 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

THE ROYAL MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

\$4000 With cape top \$4150



Model: ROYAL TOURIST G-2.

Color: Standard.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 ½ inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Three.

Type: Expanding on rear wheels;

contracting on driving shaft.

Horse-power: 45.

Number of cylinders: Four.

Bore: 5 1/8 inches. Stroke: 5 1/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

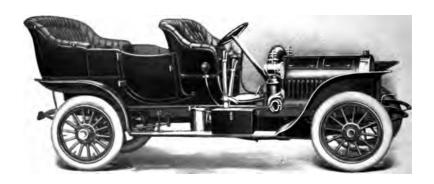
THE ROYAL MOTOR CAR COMPANY, CLEVELAND, OHIO

Price

\$4000

With cape top

\$4150



Model: ROYAL TOURIST SPE-

CIAL G-2.

Color: Standard.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 41/2 inches.

Tire dimensions, rear: 34 x 412 inches.

Brakes: Three.

Type: Expanding on rear wheels;

contracting on driving shaft.

Horse-power: 45.

Number of cylinders: Four.

Bore: 518 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price \$5000



Model: ROYAL TOURIST LIM-OUSINE.

Color: Standard.

Seating capacity: Seven persons.

Clutch: Cone, leather faced.

Wheel base: 114 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 ½ inches.

Tire dimensions, rear: 34 x 41/2 inches.

Brakes: Three.

Type: Expanding on rear wheels; contracting on driving shaft.

Horse-power: 45.

Number of cylinders: Four.

Bore: 5 1/2 inches. Stroke: 5 1/2 inches.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

(without lamps)

\$800

With leather top

\$870



Model: K, RUNABOUT.

Color: Brewster green; red running

gear.

Seating capacity: Two persons.

Clutch: Flat disc.

Wheel base: 74 inches.

Tread: 56 inches (option of 61 inches).

Tire dimensions, front: 30 x 3 inches.

Tire dimensions, rear: 30 x 3 inches.

Brakes: Two.

Type: Double band on differential.

Horse-power: 10.

Number of cylinders: One.

Bore: 5 inches. Stroke: 5 inches.

Cylinder arranged: Horizontally, under

body.

Cooling: Water.

Radiator: Tubular fin.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward.

one reverse.



Model: M, DELIVERY.

Color: Brewster green; red running

gear.

Carrying capacity: 500 to 600 pounds.

Clutch: Flat disc.

Wheel base: 76 inches.

Tread: 56 inches (option of 61 inches).

Tire dimensions, front: 30 x 3 1/2 inches.

Tire dimensions, rear: 30 x 3 ½ inches.

Brakes: Two.

Type: Double band on differential.

Horse-power: 10.

Number of cylinders: One.

Bore: 5 inches. Stroke: 5 inches.

Cylinder arranged: Horizontally, under

body.

Cooling: Water.

Radiator: Tubular fin.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

(without lamps) \$950

With cape top \$1050

Coupé \$1200



Model: M.

Color: Brewster green; red running

gear.

Seating capacity: Four persons.

Clutch: Flat disc.

Wheel base: 76 inches.

Tread: 56 inches (option of 61 inches).

Tire dimensions, front: 30 x 3 ½ inches.

Tire dimensions, rear: 30 x 3 ½ inches.

Brakes: Two.

Type: Double band on differential.

Horse-power: 10.

Number of cylinders: One.

Bore: 5 inches. Stroke: 5 inches.

Cylinder arranged: Horizontally, under

body.

Cooling: Water.

Radiator: Tubular fin.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price

(without lamps) \$2000 With cape top \$2120

Runabout



Model: G.

Color: Brewster green; black trimmings.

Seating capacity: Five persons.

Clutch: Friction, metal, oil cushioned.

Wheel base: 96 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 3½ inches.

Brakes: Four.

Type: Contracting and expanding

on rear wheels.

Horse-power: 20.

Number of cylinders: Four.

Bore: 4 inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Flat tubular.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

CADILLAC MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

(without lamps) \$2500 With cape top \$2650 Runabout



Model: H.

Color, Brewster green; black trim-

mings.

Seating capacity: Five persons.

Clutch: Double flat disc.

Wheel base: 102 inches.

Tread: 56 inches (option of 61 inches).

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Four.

Type: Contracting and expanding

on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 43% inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Planetary.

Number gear changes: Three forward,

one reverse.

Price (without lamps) \$3500



Model: H, LIMOUSINE.

Color: Brewster green; black trimmings.

Seating capacity: Six persons.

Clutch: Double flat disc.

Wheel base: 102 inches.

Tread: 56 inches (option of 61 inches).

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 1/2 inches.

Brakes: Four.

Type: Contracting and expanding

on rear wheels.

Horse-power: 30.

Number of cylinders: Four.

Bore: 43/8 inches. Stroke: 5 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Storage batteries.

Drive: Bevel gear.

Transmission: Planetary.

Number gear changes: Three forward,

one reverse.

ELMORE MANUFACTURING COMPANY, CLYDE, OHIO

Price

\$1750



Model: 16

Color: Bluc.

Seating capacity: Five persons.

Clutch: Expanding ring.

Wheel base: 100 inches.

Tread: 56 mehes

Tire dimensions, front: 32 x 33 mehes.

Tire dimensions, rear: 32 x 31 inches.

Brakes: Three.

Type: Internal hub and band on

driving shatt.

Horse-power: 24.

Number of cylinders: Three two-cycle.

Bore: 412 inches. Stroke: 4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

ELMORE MANUFACTURING COMPANY, CLYDE, OHIO

Price



Model: 18.

Color: Blue.

Seating capacity: Five persons.

Clutch: Expanding ring.

Wheel base: 109 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 inches.

Brakes: Three.

Type: Internal and external.

Horse-power: 30-35.

Number of cylinders: Four two-cycle.

Bore: 41/2 inches. Stroke: 4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Cellular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

THE HOL-TAN COMPANY, BROADWAY, Cor. 56th ST., NEW YORK

Price

chassis
\$5500



Model: FIAT.

Color: Optional.

Seating capacity: Two to seven persons.

Clutch: Multiple disc.

Wheel base: 111, 119 and 131 inches.

Tread: 54 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Four.

Type: Emergency, expanding on rear wheels; foot, on differential and countershaft, water-cooled.

Horse-power: 20.

Number of cylinders: Four.

Bore: 120 m/m. Stroke: 135 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

THE HOL-TAN COMPANY, BROADWAY, Cor. 56th ST., NEW YORK



Model: FIAT.

Color: Optional.

Seating capacity: Two to seven persons.

Clutch: Multiple disc.

Wheel base: 114, 122 and 136 inches.

Tread: 54 inches.

Tire dimensions, front: 910 x 90 m/m.

Tire dimensions, rear: 920 x 120 m/m.

Brakes: Four.

Type: Emergency, expanding on rear wheels; foot, on differential and countershaft, water-cooled.

Horse-power: 35.

Number of cylinders: Four.

Bore: 125 m/m. Stroke: 150 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Make-and-break.

Electric source: Low tension mag-

neto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.



Model: R, HOTCHKISS.

Color: Optional.

Seating capacity: Two, and four to seven persons.

Clutch: Cone, leather faced.

Wheel base: 118 inches.

Tread: 56 inches.

Tire dimensions, front: 875 x 105 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Brakes: Three.

Type: Contracting on driving shaft and expanding on rear wheels.

Horse-power: 20-30.

Number of cylinders: Four.

Bore: 115 m/m. Stroke: 120 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Low tension mag-

neto.

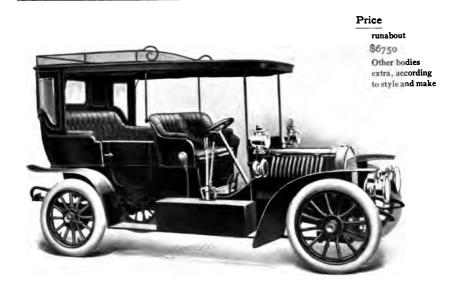
Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

ARCHER & COMPANY, 1597 BROADWAY, NEW YORK, N. Y.



Model: M, HOTCHKISS.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Cone, leather faced.

Wheel base: 118 inches.

Tread: 56 inches.

Tire dimensions, front: 875 x 105 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Brakes: Three.

Type: Contracting on driving shaft

and expanding on rear wheels.

Horse-power: 35.

Number of cylinders: Four.

Bore: 125 m/m. Stroke: 125 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Low tension mag-

neto.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

ARCHER & COMPANY, 1597 BROADWAY, NEW YORK, N. Y.

Price

runabout \$9250

Other bodies extra, according to style and make



Model: L, HOTCHKISS.

Color: Optional.

Seating capacity: Two, and four to

seven persons.

Clutch: Cone, leather faced.

Wheel base: 132 inches.

Tread: 56 inches.

Tire dimensions, front: 875 x 105 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Brakes: Three.

Type: Contracting on driving shaft and expanding on rear wheels.

Horse-power: 50.

Number of cylinders: Six.

Bore: 125 m/m. Stroke: 125 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Jump spark.

Electric source: Low tension mag-

neto.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

DARRACQ MOTOR CAR COMPANY, 1989 BROADWAY, NEW YORK

Price

runabout \$5500

Other bodies extra, according to style and make



Model: DARRACQ COUPÉ LIM-OUSINE.

Color: Royal blue, dark green or red.

Seating capacity: Two to seven persons.

Clutch: Cone, leather faced.

Wheel base: 120 inches.

Tread: 53 inches.

Tire dimensions front: 880 x 120 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Brakes: Three.

Type: Internal expanding on driving shaft, controlled by foot pedal; and on rear wheels, controlled by side hand lever.

Horse-power: 20-32.

Number of cylinders: Four.

Bore: 112 m/m. Stroke: 120 m/m.

Cylinders arranged: Vertically, under hood; cast in pairs.

Cooling: Water.

Radiator: Gilled tubular.

Ignition: Make-and-break and jump spark,

Electric source: Magneto, coil and storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward, one reverse.

DARRACQ MOTOR CAR COMPANY, 1989 BROADWAY, NEW YORK

Price

runabout \$7750 Other bodies extra, according to style and make



Model: DARRACQ TOURING CAR.

Color: Royal blue, dark green or red.

Seating capacity: Two to seven persons.

Clutch: Cone, leather faced.

Wheel base: 125 inches.

Tread: 53 inches.

Tire dimensions, front: 935 x 135 m/m.

Tire dimensions, rear: 935 x 135 m/m.

Brakes: Three.

Type: Internal expanding on driving shaft, controlled by foot pedal; and on rear wheels, controlled by

side hand lever.

Horse-power: 40-60.

Number of cylinders: Four.

Bore: 130 m/m. Stroke: 130 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Gilled tubular.

Ignition: Make-and-break and jump

spark.

Electric source: Magneto, coil and

storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

DARRACQ MOTOR CAR COMPANY, 1989 BROADWAY, NEW YORK

Price

runabout \$8000

Other bodies extra, according to style and make



Model: DARRACQ RUNABOUT.

Color: Royal blue, dark green or red.

Seating capacity: Two to seven persons.

Clutch: Cone, leather faced.

Wheel base: 132 inches.

Tread: 53 inches.

Tire dimensions, front: 880 x 120 m/m.

Tire dimensions, rear: 880 x 120 m/m.

Brakes: Three.

Type: Internal expanding on driving shaft, controlled by foot pedal; and on rear wheels, controlled by

side hand lever.

Horse-power: 30-40.

Number of cylinders: Six.

Bore:100 m/m. Stroke: 120 m/m.

Cylinders arranged: Vertically, under

hood; cast in pairs.

Cooling: Water.

Radiator: Gilled tubular.

Ignition: Make-and-break and jump

spark.

Electric source: Magneto, coil and

storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Four forward,

one reverse.

NORTHERN MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

\$1600

With cape top

\$1700



Model: C, TWO-PASSENGER TOURING RUNABOUT.

Color: Green body, cream gear.

Seating capacity: Two persons.

Clutch: Expansion ring actuated by cone.

Wheel base: 88, 100 or 106 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Brakes: Three.

Type: Contracting bands on hubs

and transmission.

Horse-power: 20.

Number of cylinders: Two.

Bore: 51/2 inches. Stroke: 51/4 inches.

Cylinders arranged: Horizontally opposed, under hood.

Cooling: Water.

Radiator: Tubular fin.

Ignition: Jump spark.

Electric source: Dry cells.

Drive: Bevel gear.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

NORTHERN MOTOR CAR COMPANY, DETROIT, MICHIGAN

Price

\$1700 With cape top \$1800



Model: C, SIDE - ENTRANCE TOURING CAR.

Color: Green body, cream gear.

Seating capacity: Five persons.

Clutch: Expansion ring actuated by

cone.

Wheel base: 100 or 106 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 4 inches.

Tire dimensions, rear: 30 x 4 inches.

Brakes: Three.

Type: Contracting bands on hubs

and transmission.

Horse-power: 20.

Number of cylinders: Two.

Bore: 51/2 inches. Stroke: 51/4 inches.

Cylinders arranged: Horizontally op-

posed, under hood.

Cooling: Water.

Radiator: Tubular fin.

Ignition: Jump spark.

Electric source: Dry cells.

Drive: Bevel gear.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price \$3000



Model: C, LIMOUSINE.

Color: All blue.

Seating capacity: Five persons.

Clutch: Expansion ring actuated by

cone.

Wheel base: 106 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Three.

Type: Contracting bands on hubs

and transmission.

Horse-power: 20.

Number of cylinders: Two.

Bore: 51/2 inches. Stroke: 51/4 inches.

Cylinders arranged: Horizontally op-

posed, under hood.

Cooling: Water.

Radiator: Tubular fin.

Ignition: Jump spark.

Electric source: Dry cells.

Drive: Bevel gear.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

NORTHERN MOTOR CAR COMPANY, DETROIT, MICHIGAN

Ртісе

\$3500

With cape top \$3750

Runabout \$3500

Limousine \$4500



Model: L.

Color: Blue body, vermilion gear.

Seating capacity: Six persons.

Clutch: Pneumatic.

Wheel base: 119 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4½ inches.

Tire dimensions, rear: 34 x 4½ inches.

Brakes: Four.

Type: Air, contracting, and foot, expanding, on rear wheels.

Horse-power: 50.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood; in one casting.

Cooling: Water.

Radiator: Flat tube.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$1800



Model: 4I, DELIVERY WAGON.

Color: Red or green.

Carrying capacity: 1500 pounds.

Clutch: Multiple disc.

Wheel base: 78 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 3½ inches.

Tire dimensions, rear: 32 x 31; inches.

Brakes: Three.

Type: Foot and hand on trans-

mission and differential.

Horse-power: 8-10.

Number of cylinders: One.

Bore: 5 inches. Stroke: 8 inches.

Cylinder arranged: Horizontally, under

body.

Cooling: Air.

Ignition: Jump spark.

Electric source: Dry cells and coil.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price

\$3700 With stationary top \$3900

Model: 102, KNOX WATERLESS. Number of cylinders: Two.

Color: Optional.

Carrying capacity: 6000 pounds.

Clutch: Multiple disc.

Wheel base: III inches.

Tread: 62 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 6 inches.

Brakes: Three.

Type: Foot and hand on transmis-

sion and rear hubs.

Horse-power: 16-20.

Bore: 5 inches. Stroke: 7 inches.

Cylinders arranged: Horizontally op-

posed, under body.

Cooling: Air.

Ignition: Jump spark.

Electric source: Dry cells and coil.

Drive: Double side chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price

with Stanhope top \$2500



Model: H, STANHOPE.

Color: Napier green or Mercedes red,

with red upholstering.

Seating capacity: Two persons.

Clutch: Cone, metal-to-metal; in oil

bath.

Wheel base: 102 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Four.

Type: Expanding and contracting

on rear hubs.

Horse-power: 25-30.

Number of cylinders: Four.

Bore: 43/8 inches. Stroke: 43/4 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

Price

\$2500 With cape top \$2650



Model: H, KNOX WATERLESS.

Color: Napier green or Mercedes red, with red upholstering.

Seating capacity: Five persons.

Clutch: Cone, metal-to-metal; in oil bath.

Wheel base: 102 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Four.

Type: Expanding and contracting

on rear hubs.

Horse-power: 25-30.

Number of cylinders: Four.

Bore: 4\frac{3}{8} inches. Stroke: 4\frac{3}{4} inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Dry batteries.

Drive: Bevel gear.

Transmission: Selective sliding gear.

Number gear changes: Three forward,

one reverse.

KNOX AUTOMOBILE COMPANY, SPRINGFIELD, MASS.

Price

\$4000

With cape top

\$4200

Limousine

\$5000



Model: G, KNOX WATERLESS.

Color: Napier green or Mercedes red.

Seating capacity: Seven persons.

Clutch: Cone, metal-to-metal; in oil

bath.

Wheel base: 112 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 12 inches.

Brakes: Three.

Type: Foot, on differential; hand, expanding on rear wheels; all

metal-to-metal.

Horse-power: 35-40.

Number of cylinders: Four.

Bore: 43/4 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Magneto and dry

battery.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

KNOX AUTOMOBILE COMPANY, SPRINGFIELD, MASS.

Price

limousine \$5000



Model: G. LIMOUSINE.

Color: Optional.

Seating capacity: Six persons.

Clutch: Cone, metal-to-metal; in oil

bath.

Wheel base: 112 inches.

Tread: 56 inches.

Tire dimensions, front: 34 x 4 inches.

Tire dimensions, rear: 34 x 4 1/2 inches.

Brakes: Three.

Type: Foot, on differential; hand, expanding on rear hubs; all

metal-to-metal.

Horse-power: 35-40.

Number of cylinders: Four.

Bore: 43/4 inches. Stroke: 51/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Air.

Ignition: Jump spark.

Electric source: Magneto and dry

battery.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

MATHESON MOTOR CAR COMPANY, WILKESBARRE, PA.

Price

\$4500

Runabout

\$4000

Limousine or Landaulet

\$5500



Model: TOURING CAR.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 123 inches.

Tread: 561/2 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 4½ inches.

Brakes: Four.

Type: Expanding in rear wheel hubs and band on sprocket shafts.

Horse-power: 35.

Number of cylinders: Four.

Bore: 41/2 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Make-and-break.

Electric source: Magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

MATHESON MOTOR CAR COMPANY, WILKESBARRE, PA.

Price

\$5**50**0

Runabout \$5000

Limousine or Landaulet



Model: TOURING CAR.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 129 inches.

Tread: 561/2 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Four.

Type: Expanding in rear wheel hubs

and band on sprocket shafts.

Horse-power: 50.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Make-and-break.

Electric source: Magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

MATHESON MOTOR CAR COMPANY, WILKESBARRE, PA.

Price

\$6500



Model: LIMOUSINE.

Color: Optional.

Seating capacity: Seven persons.

Clutch: Multiple disc.

Wheel base: 129 inches.

Tread: 561/2 inches.

Tire dimensions, front: 36 x 4 inches.

Tire dimensions, rear: 36 x 5 inches.

Brakes: Four.

Type: Expanding in rear wheel hubs

and band on sprocket shafts.

Horse-power: 50.

Number of cylinders: Four.

Bore: 5 inches. Stroke: 6 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Honeycomb.

Ignition: Make-and-break.

Electric source: Magneto.

Drive: Double side chain.

Transmission: Selective sliding gear.

Number gear changes: Four forward,

one reverse.

Price

\$1150 With cape top \$1230



Model: G, RUNABOUT.

Color: Purple lake.

Seating capacity: Two persons.

Clutch: Cone.

Wheel base: 89 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 3 12 inches.

Tire dimensions, rear: 30 x 312 inches.

Brakes: Two.

Type: Expanding on rear hubs.

Horse-power: 22.

Number of cylinders: Two.

Bore: 41/2 inches. Stroke: 5 inches.

Cylinders arranged: Horizontally,

under body.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price \$1250

With cape top \$1350



Model: F, TOURING CAR.

Color: Purple lake (deep wine).

Seating capacity: Five persons.

Clutch: Cone.

Wheel base: 89 inches.

Tread: 56 inches.

Tire dimensions, front: 30 x 3 1/2 inches.

Tire dimensions, rear: 30 x 312 inches.

Brakes: Two.

Type: Expanding on rear hubs.

Horse-power: 22.

Number of cylinders: Two.

Bore: 41/2 inches. Stroke: 5 inches.

Cylinders arranged: Horizontally,

under body.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Single chain.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price

\$2000



Model: K, RUNABOUT.

Color: Buick gray.

Seating capacity: Two persons.

Clutch: Plate.

Wheel base: 106 inches.

Tread: 56 inches.

Tire dimensions, front: $_{32}$ x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Three.

Type: Contracting on driving shaft and expanding on rear hubs.

Horse-power: 25-30.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Planetary.

Number gear changes: Two forward,

one reverse.

Price

\$2200 With cape top \$2300



Model: D.

Color: Blue body.

Seating capacity: Five persons.

Clutch: Plate.

Wheel base: 102 1/2 inches.

Tread: 56 inches.

Tire dimensions, front: 32 x 4 inches.

Tire dimensions, rear: 32 x 4 inches.

Brakes: Three.

Type: Contracting on driving shaft and expanding on rear hubs.

Horse-power: 25-30.

Number of cylinders: Four.

Bore: 41/4 inches. Stroke: 41/2 inches.

Cylinders arranged: Vertically, under

hood.

Cooling: Water.

Radiator: Tubular.

Ignition: Jump spark.

Electric source: Storage battery.

Drive: Bevel gear.

Transmission: Sliding gear.

Number gear changes: Three forward,

one reverse.

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