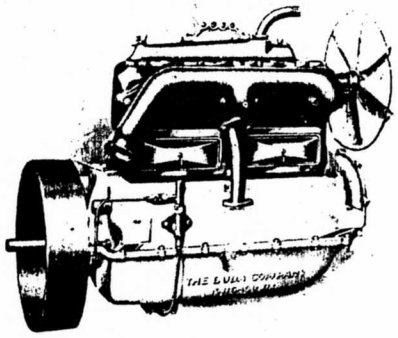
BUDA MOTORS

TRANSMISSIONS AND UNIT POWER PLANTS



Model "T" Motor

4¼" x 5½"

BULLETIN No. 172

Address all communications in regard to sales to

BRANDENBURG & COMPANY

GENERAL SALES AGENTS, AUTO DEPT.

1108 Michigan Ave.
CHICAGO, ILL.

57th and Broadway
NEW YORK, N. Y.

Ford Building
DETROIT, MICH.

Buda Model "T" Motor

4¼" x 5½"

In the Model "T" we have exercised every limit in perfecting a motor on which any manufacturer may stake the reputation of his car. It is designed for the heavier types of automobiles and commercial trucks, and its long stroke power and efficiency recommend it for cars built to meet the demands of the townsman or tourist or the commercial house.

Like our other models, this motor is equipped with sight feed glass attached directly to outlet of oil pump enabling operator to see that pump is working properly. Circulating pump is provided with large packing nuts and is easily packed. All valves are enclosed by removable plates, and all adjustments are readily accessible.

Quality is the first consideration in the building of Buda motors, and they are built under the supervision of men of wide experience who know what is best in automobile construction.

GENERAL DIMENSIONS

	Inches
Bore of cylinder	4¼
Stroke	5½
Extreme length of crank shaft	39¼
Height from center of crank shaft to top of water jacket cover	21 11/32
Distance from center to center of bolt holes	19
Distance from center to center of bolt holes lengthwise of motor	23⅛
Size of bolt holes in supporting arms	17/32
Drop of supporting arms from center of crank shaft	3
Distance required between sub-frame members	17¾
Length of motor over cylinders	24 11/16
Diameter of fly wheel	17¼
Face of fly wheel	4⅛
Fitted for cone clutch 15 23/32 in. largest diameter, 12½ degrees angle.	
Depth of fly wheel cone side	3⅛
Diameter and length of crank shaft beyond fly wheel	1.373x2⅜
tapped on end ⅞ in. 9 threads.	
Diameter and length of front bearing	1¾x3⅛
Diameter and length of rear bearing	2⅛x4
Diameter and length of center bearing	2 x2½
Diameter and length of connecting rod bearings	1⅞x2⅜
Smallest diameter of valve seat opening	1⅞
Use ⅞ in. 18 standard thread ALAM spark plugs. Regularly fitted with water circulating pump.	
Can be arranged for thermo-syphon cooling.	
Piston displacement in cubic inches	312.0
Weight of motor complete, about	500 lbs.