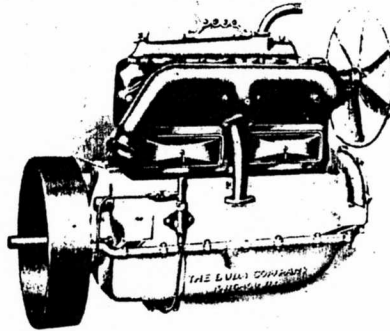


BUDA MOTORS TRANSMISSIONS AND UNIT POWER PLANTS



Model "T" Motor

4 $\frac{1}{4}$ " x 5 $\frac{1}{2}$ "

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

4 $\frac{1}{4}$ " x 5 $\frac{1}{2}$ "

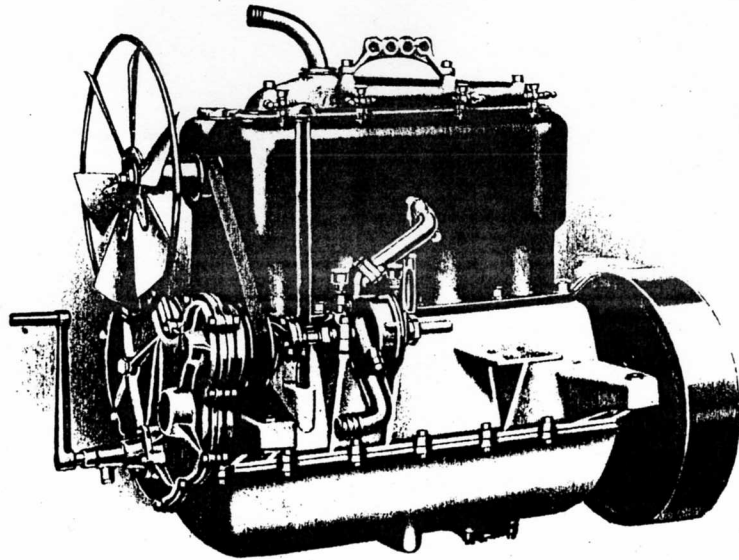
In the Model "T" we have exercised every limit in perfecting a motor on which any manufacturer may stake the reputation of his car. It is designed for the heavier types of automobiles and commercial trucks, and its long stroke power and efficiency recommend it for cars built to meet the demands of the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

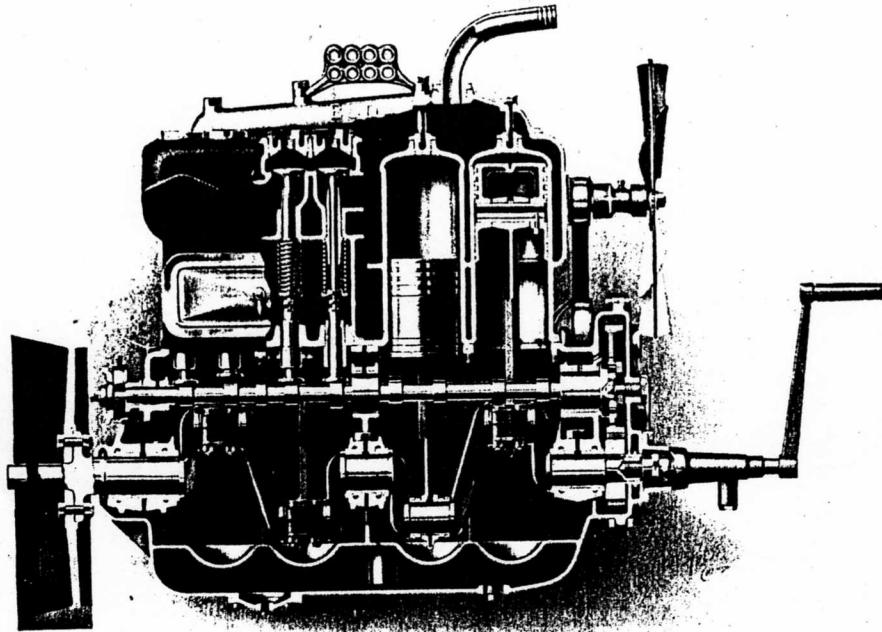
Quality is the first consideration in the building of Buda motors, and they are built under the supervision of men of wide experience who know what is best in automobile construction.

GENERAL DIMENSIONS

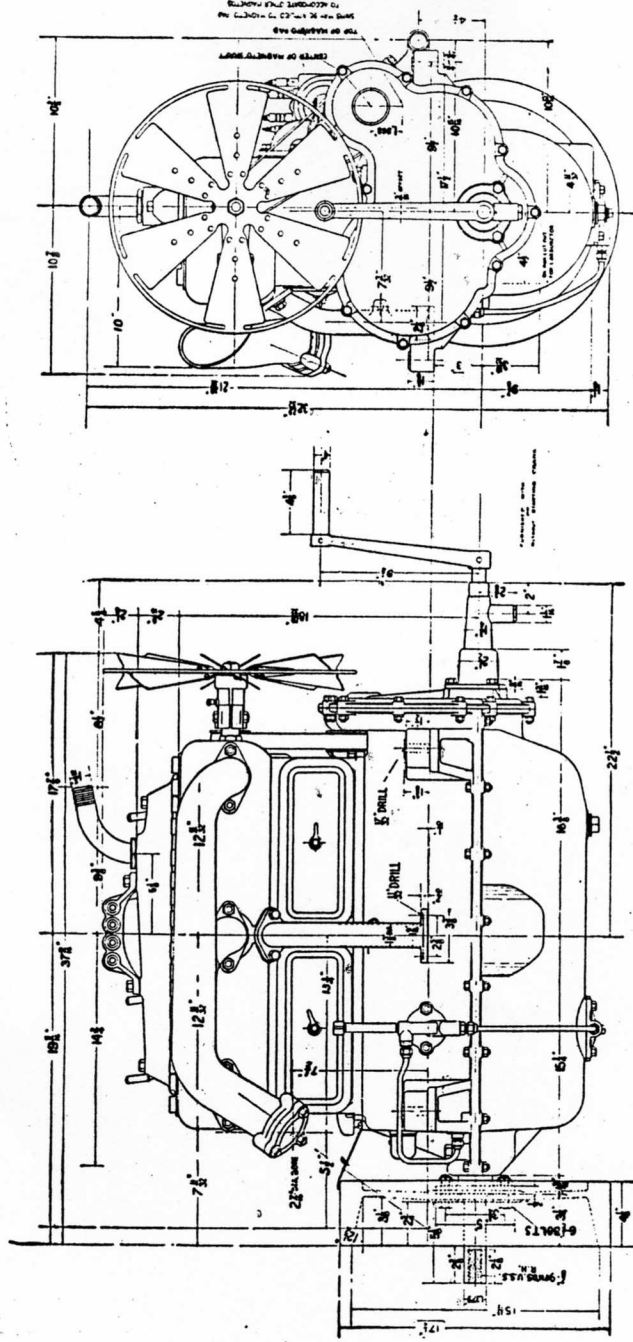
	Inches
Bore of cylinder.....	4 $\frac{1}{4}$
Stroke.....	5 $\frac{1}{2}$
Extreme length of crank shaft.....	39 $\frac{1}{4}$
Height from center of crank shaft to top of water jacket cover ...	21 $\frac{1}{32}$
Distance from center to center of bolt holes.....	19
Distance from center to center of bolt holes lengthwise of motor..	23 $\frac{1}{8}$
Size of bolt holes in supporting arms.....	$\frac{1}{2}$
Drop of supporting arms from center of crank shaft.....	3
Distance required between sub-frame members.....	17 $\frac{3}{4}$
Length of motor over cylinders.....	24 $\frac{1}{16}$
Diameter of fly wheel.....	17 $\frac{1}{4}$
Face of fly wheel.....	4 $\frac{1}{8}$
Fitted for cone clutch 15 $\frac{23}{32}$ in. largest diameter, 12 $\frac{1}{2}$ degrees angle.	
Depth of fly wheel cone side.....	3 $\frac{1}{8}$
Diameter and length of crank shaft beyond fly wheel	1.373x2 $\frac{3}{8}$
tapped on end $\frac{7}{8}$ in. 9 threads.	
Diameter and length of front bearing.....	1 $\frac{3}{4}$ x3 $\frac{1}{8}$
Diameter and length of rear bearing.....	2 $\frac{1}{8}$ x4
Diameter and length of center bearing.....	2 x2 $\frac{1}{2}$
Diameter and length of connecting rod bearings.....	1 $\frac{7}{8}$ x2 $\frac{3}{8}$
Smallest diameter of valve seat opening.....	1 $\frac{7}{8}$
Use $\frac{7}{8}$ 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.



Model "T" (magneto side)



Model "T" (valve side)



Buda Model "T" Motor

(Furnished with sight feed glass on oil pump as shown in illustration on page one)