

Fig. 502
2 1/2 H. P. T & M
Hopper Cooled
Engine

Specifications

Cylinder: Cast solid with base.
Speed: 450 revolutions per minute normal.
Net weight: 500 lbs. Gross weight packed for Export: 600 lbs.
Cubic measurement packed for Export: 15 cubic feet.
Flywheel: 22 inches diameter.
Weight of each flywheel: 72 lbs.
Crank shaft: 1 1/2 inches diameter.
Bearings: Best copper hardened babbitt.
Piston: 3 snap rings and oil grooves.
Connecting rod: Semi-steel, babbitted.
Ignition: Jump spark, adjustable.
Valves: In cylinder head. Gears: All machine cut.
Governor: Hit and miss type, adjustable.
Floor space: 30x48 inches. Height: 24 inches.
Pulley: 6x5 inches, straight face.
Fuel Tank capacity: 1 1/4 gallon. Hopper capacity: 2 1/2 gallon.
Color: T & M green.
Equipment: Includes fuel tank, muffler, batteries, coil, wire, switch, skids, spark plug, oil and grease cups, wrenches, oil can, and complete instructions for operating.

Parts not Included, but Supplied Extra when Ordered

Friction clutch, magneto, kerosene and gas attachments, compression plates for different altitudes. FOR PRICES SEE PRICE LIST.

Termaat & Monahan Co.,
Roselle Park, N. J., 2-3-13.
Gentlemen:—We bought one of your 3x4 inch centrifugal pumps in 1912, which we have used with the greatest satisfaction ever since on our bridge work. We now only use our steam pumps for the heaviest kind of pumping. Your outfit does all the other kind, and we are going to buy several more in the spring from your agent, J. J. Shannon in Philadelphia, where we got our present one.
While overhauling the pump we found that the wrist pin bearing in piston was excessively worn and likewise the connecting rod bearing; we are expressing same to you. Will you please put these parts in order and return as soon as possible to our master mechanic, Mr. John Berry, Roselle Park, N. J.
Yours sincerely,
OSWEGO BRIDGE CO.

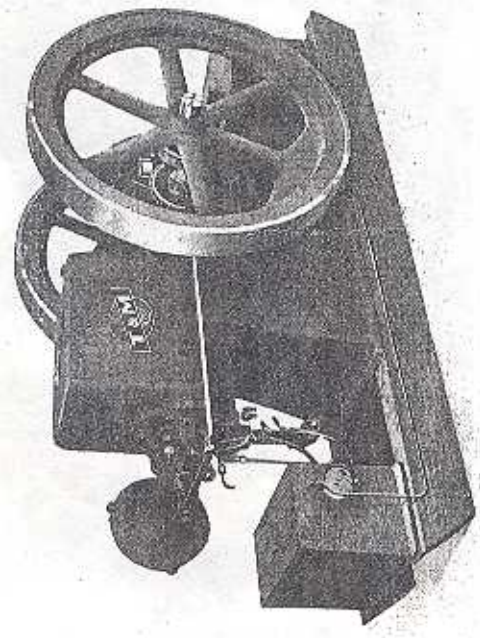


Fig. 503
4 H. P. T & M
Hopper Cooled
Engine

Specifications

Cylinder: Cast solid with base.
Speed: 400 revolutions per minute normal.
Net weight: 600 lbs. Gross weight packed for Export: 750 lbs.
Cubic measurement packed for Export: 20 cubic feet.
Flywheel: 26 inches diameter.
Weight of each flywheel: 126 lbs.
Crank shaft: 1 5/8 inches diameter.
Bearings: Best grade copper hardened babbitt.
Piston: 3 snap rings and oil grooves.
Connecting rod: Semi-steel, babbitted and bushed.
Ignition: Jump spark, adjustable.
Gears: All machine cut.
Governor: Hit and miss type, adjustable.
Floor space: 28x52 inches. Height: 30 inches.
Pulley: 8x6 inches.
Fuel Tank capacity: 4 gallons. Hopper capacity: 3 1/2 gallons.
Color: T & M green.
Equipment: Includes muffler, fuel tank, batteries, coil, switch, skids, spark plug, oil and grease cups, wrenches, oil can, and complete instructions for operating.

Parts not Included, but Supplied Extra when Ordered

Friction clutch, magneto, kerosene and gas attachment, compression plates for different altitudes. FOR PRICES SEE PRICE LIST.

Termaat & Monahan Co., Oshkosh, Wis.
Gentlemen:—Will you kindly forward me by parcel post, two spark plugs to fit your 1 1/2 h. p. engine. Advise me of the amount and I will remit. I am using your engine daily to pump water. It stands entirely in the open, and thus far has run as well at 40 below zero as it did in the early fall at 80 above. I am unable to obtain the spark plugs here or would not annoy you. Kindly forward at your earliest convenience, as I shall be unable to use the engine until they reach me, and pumping water by hand for 20 head of stock is quite a task.
Yours truly,
ED. R. L. KINEAUL.
P. S.—Wrench reached me in due season. Many thanks.

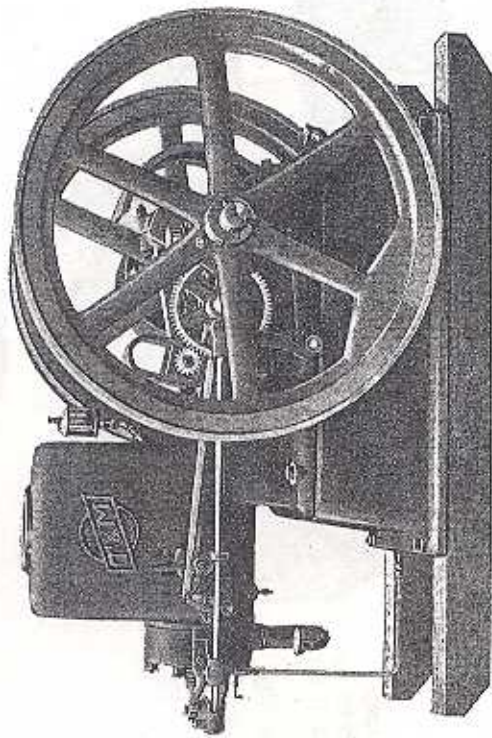


Fig. 504

6 H. P.
T & M
Hopper
Cooled
Engine

Specifications

Cylinder: Cast with upper part of base.
 Speed: 325 revolutions per minute normal.
 Net weight: 1200 lbs. Gross weight packed for Export: 1500 lbs.
 Cubic measurement packed for Export: 60 cubic feet.
 Flywheel: 32 inches diameter.
 Weight of each flywheel: 210 lbs.
 Crank shaft: 2 inches diameter.
 Bearings: Best grade copper hardened babbitt.
 Piston: 4 snap rings and oil grooves.
 Connecting rod: Steel, babbitted and bushed.
 Ignition: Make and break, adjustable.
 Gears: All machine cut.
 Governor: Hit and miss type, adjustable.
 Floor space: 36x58 inches. Height: 36 inches.
 Pulley: 12x10 inches.
 Fuel Tank capacity: 8 gallons. Hopper capacity: 8 gallons.
 Color: T & M green.
 Equipment: Includes muffler, fuel tank, batteries, coil, switch, skids, spark plug, oil and grease cups, wrenches, oil can, and complete instructions for operating.

Parts not Included, but Supplied Extra when Ordered

Friction clutch, gasoline reservoir, magneto, kerosene and gas attachment, compression plates for different altitudes. FOR PRICES SEE PRICE LIST.

Termaat & Monahan Co.

Philadelphia, March 17, 1913.
Gentlemen:—Received engine purchased of your agent, and would say it is a great engine. You can't beat it.

Yours truly,
H. HARPMAN

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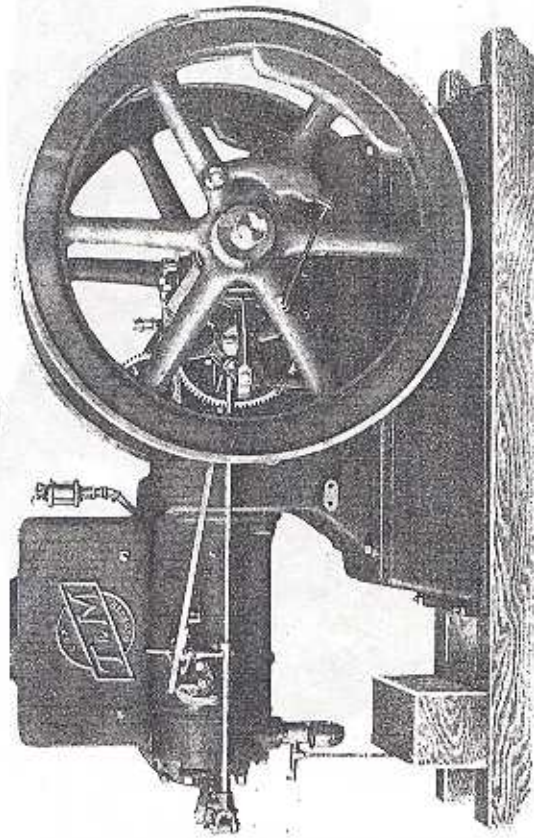


Fig. 505 9 H. P. T & M Hopper Cooled Engine

Specifications

Cylinder: Cast separate from base.
 Speed: 275 revolutions per minute normal.
 Net weight: 2000 lbs. Gross weight packed for Export: 2400 lbs.
 Cubic measurement packed for Export: 90 cubic feet.
 Flywheel: 37 inches diameter.
 Weight of each flywheel: 335 lbs.
 Crank shaft: 2 3/4 inches diameter.
 Bearings: Best grade copper hardened babbitt.
 Piston: 4 snap rings and oil grooves.
 Connecting rod: Steel, brass end and bushed.
 Ignition: Make and break, adjustable.
 Gears: All machine cut. Governor: Hit and miss, adjustable.
 Floor space: 40x68 inches. Height: 45 inches.
 Pulley: 16x10 inches, straight face.
 Fuel Tank capacity: 11 gallons. Hopper capacity: 14 gallons.
 Color: T & M green.
 Equipment: Includes muffler, fuel tank, batteries, coil, switch, skids, spark plug, oil and grease cups, wrenches, oil can and complete instructions for operating.

Parts not Included, but Supplied Extra when Ordered

Friction clutch, magneto, kerosene and gas attachment, compression plates for different altitudes, and fuel pump. FOR PRICES SEE PRICE LIST.

You will perhaps recall me to memory when referred to the sale of one of the T & M engines, which you sold to my father, M. C. Hansen, some time ago. I assure you that you have given us a perfectly satisfactory engine, and the interest that you have shown after the sale as well as before, has made of my father a staunch supporter of the T & M engines.

Very respectfully, ALFRED C. HANSEN, Florence, Nebr.

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