

# Is Your Time Worth \$25 a Minute?

Then why pay at least that amount to a dealer in commission for just a minute of his time in writing out your order for marine motors? Write it out yourself. Send it to us, and we'll put the dealer's commission in your own pocket for

## We Sell Direct

Furthermore, we buy raw materials and manufacture on a large scale. This enables us to give you the best the market affords at less than others charge for inferior materials and workmanship.

## The American Outboard Motor

can be instantly attached to any rowboat. Runs 6 to 9 miles an hour. Adjustable for any angle or depth of stern. Reversible. Weighs about 50 lbs. Runs in salt or fresh water. Steers with propeller. We also build a rudder steered model. Magneto ignition if desired at small extra cost. Every motor fully guaranteed. Send for catalog "B."

### Larger Motors at Rock-Bottom Prices

Everyone is absolutely high grade and equal to motors selling at 25 to 50% more. Sizes range from 2 to 30 H. P. — regular and heavy duty types in one to four cylinder designs. All are reversible and can be furnished to run on gasoline, kerosene, or other fuels. Each is

### Guaranteed For Life

by a genuine binding guarantee and sold on 30 days' trial. You take absolutely no chance. Send for catalog "A" giving prices.

AMERICAN ENGINE CO., 632 Boston St., Detroit, Mich.



Dealers Ask as High as \$70.00 We Ask Only

\$44<sup>95</sup>-

On 30 Days' Trial

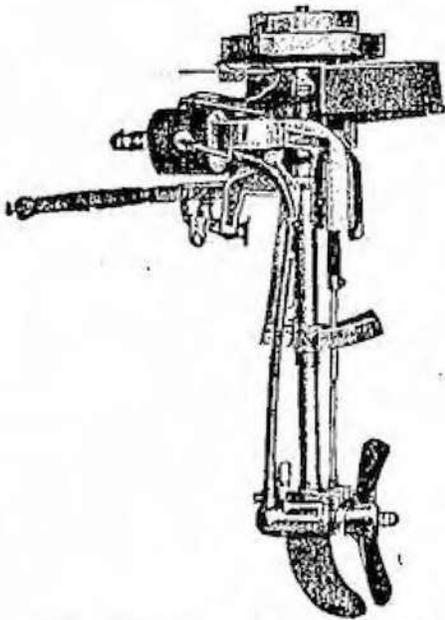


2 H. P.

\$29<sup>25</sup>

30 Days' Trial

## The Brooks 2-H. P. "5-Speed" Outboard Motor



This Motor, which can be used in fresh or salt water, embodies all the latest improvements. It is designed so that it can easily and instantly be attached to any make or type of rowboat. The Brooks 5-Speed is the only motor with a distinct 5-Speed control such as is used in every high priced automobile. Two speeds forward, one speed in neutral, and two speeds in reverse, by simply pressing a small button and shifting the steering

arm up or down. The direction of the boat is also controlled by the same hand, pushing the steering arm one way or the other, which guides it on its course. We particularly recommend the 5-Speed for our No. 288 Boat described on page 34.

### SPECIFICATIONS

Bore .....	25/8 inches
Stroke .....	2 1/2 inches
Weight .....	85 lbs.
Revolutions per minute .....	700
Propeller Wheel (two-blade) .....	9 1/2 x 12 inches

### PRICES

Five-Speed Motor with battery ignition, without starting device .....	\$104.00
Extra—Starter .....	20.00
Extra—Magneto .....	10.00

**The Brooks Outboard Motor** has many big valuable features—quiet exhaust, light in weight, easy to handle—only \$50.00.

*Write today for full description and catalog showing complete line of Brooks boats*

**Brooks Mfg. Co., 8207 Brooks Ave., Saginaw, Mich., U. S. A.**



**SIMPLEST-  
BEST-CHEAPEST**

**W**E enter upon our fifth year with the greatest rowboat motor we have ever offered.

The Columbian represents the highest grade construction in every particular.

Fewer working parts than any other rowboat motor, insures longer life and the utmost reliability.

Improved manufacturing and selling facilities enable us to offer this motor at the very low price of \$60. (With high-tension magneto built in flywheel, absolutely waterproof and reliable, \$70). Easy to reverse.

Bronze propeller (weedless) acts as rudder. Water jacketed exhaust-silencer. No noise—no hot parts.

See the Columbian Rowboat Motor at our Motor Boat Headquarters. All style of craft, canoe to cruiser on display ready for the water. Complete line of marine engines up to 300 h. p. Motor Boat Accessories. Most complete exhibit in America—Call or send for free literature and Engine books.

**Only  
\$60.**

**CULLEN MOTOR COMPANY**

Dept. B

112 W. Lake St., CHICAGO, ILL.

# 2 H.P. DETROIT OUTBOARD MOTOR

HIGHEST  
QUALITY

LOWEST  
PRICE

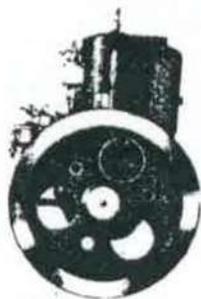


Can be attached in two minutes by anyone to any sort of rowboat, canoe or even raft. Costs less than two cents an hour to operate. Carry it anywhere. Good for a lifetime. Ideal for fishermen, hunters and campers. Thoroughly guaranteed and tested. Immediate shipments. Get facts by addressing:

\$**45**

**Detroit Engine Works,  
24 Bellevue Avenue, Detroit, Michigan**

## THE DETROIT SINGLE CYLINDER



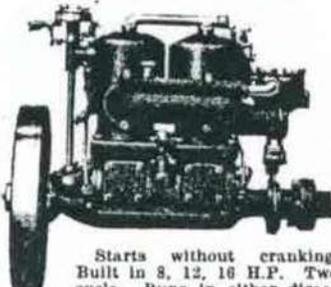
Starts without cranking. Built in 2 1/2, 4, 6 and 8 H.P., 2 cycle. Runs in either direction. Reverses while running. One lever controls speed. This type adapted for use on hand cars for section men, etc.

## When You Buy An Engine, Buy the Best—A DETROIT

DEMONSTRATING AGENTS WANTED EVERYWHERE

The Evidence—"Twelve years ago I launched my boat (with a DETROIT ENGINE) and it has worked to perfection ever since."—Name furnished on application.

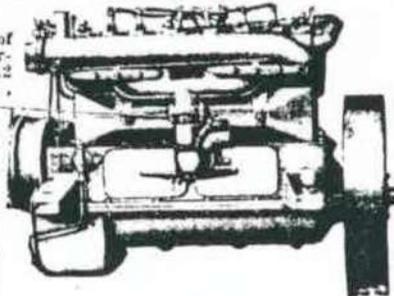
## THE DETROIT DOUBLE CYLINDER



Starts without cranking. Built in 8, 12, 16 H.P. Two cycle. Runs in either direction. One lever controls speed.

## THE DETROIT FOUR-CYLINDER, FOUR-CYCLE ENGINE

The Acme of Perfection! Four-cycle. Built in 12 and 20 H.P., Heavy Duty 15 and 25 H.P., High Speed. All moving parts enclosed, no oil can leak out. No dirt can work in. Magneto—perfect lubrication. THE IDEAL POWER PLANT.



All 2 cycle engines equipped to use kerosene—No Extra Charge

## THE DETROIT PORTABLE MOTOR

Built in one style—2 HP. Runs in either direction. Speed controlled by one lever.



The Detroit Portable Motor is a necessity for every row-boat owner.

Makes a row-boat a power-boat in 2 minutes. Low cost of operation. Fully guaranteed. Send for catalog.

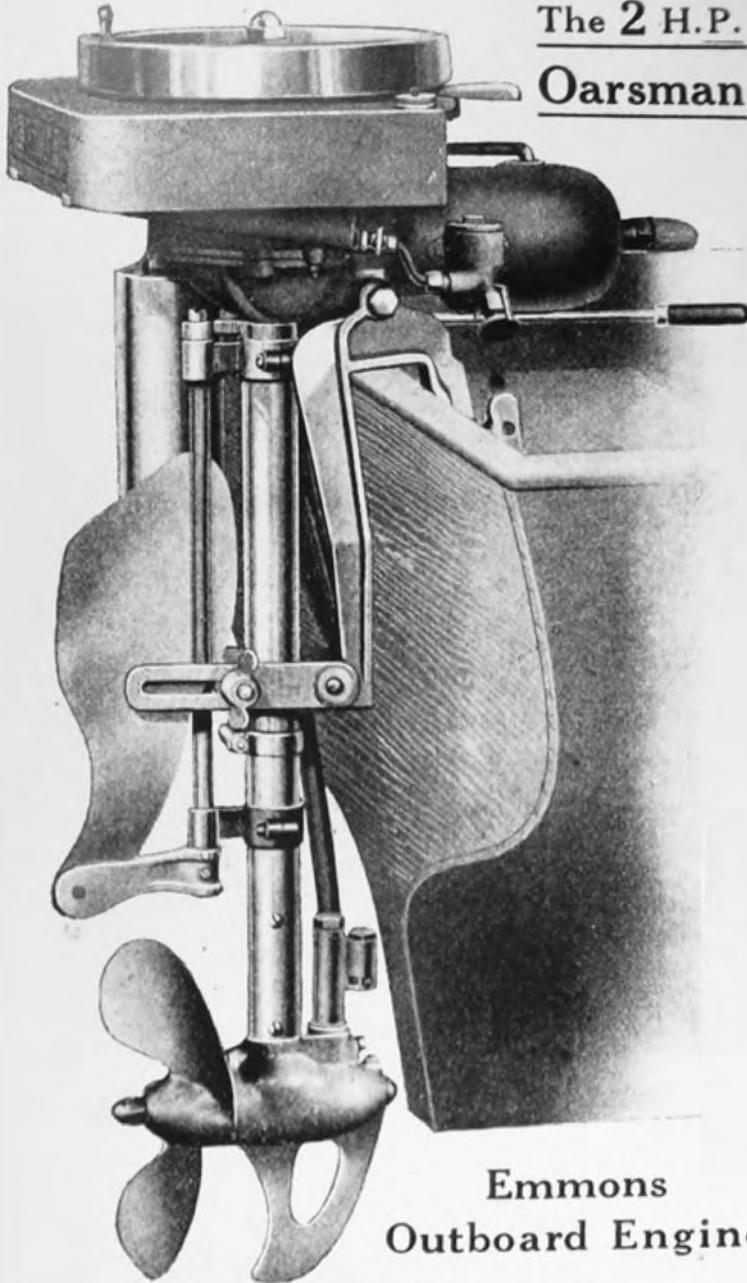
5 YEAR  
GUARANTEE

30 DAY  
TRIAL

SEND  
FOR  
CATALOG  
TODAY

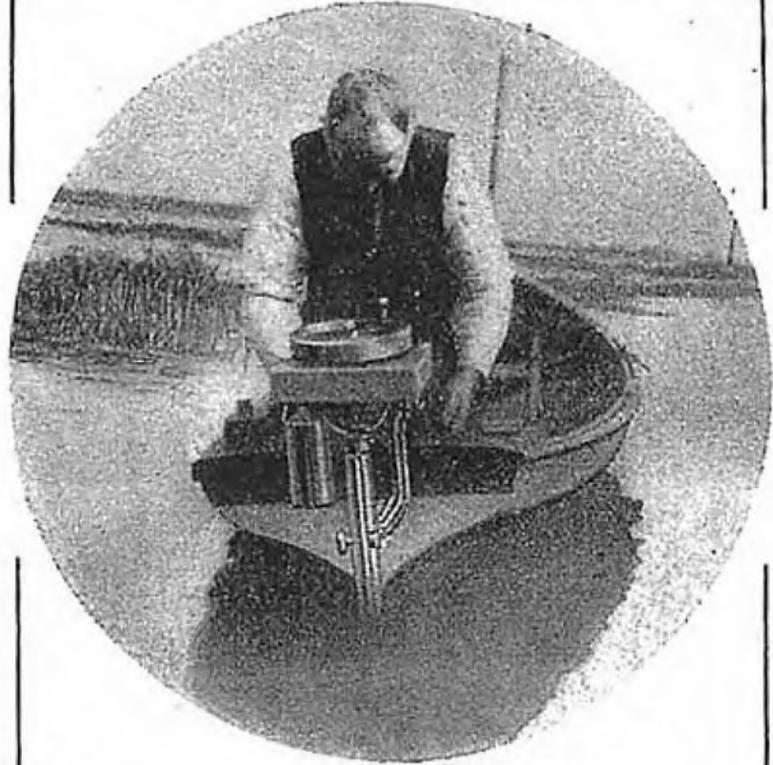
DETROIT ENGINE WORKS, (Marine Department) 1236 Jefferson Ave., Detroit, Michigan, U. S. A.

The 2 H.P.  
Oarsman



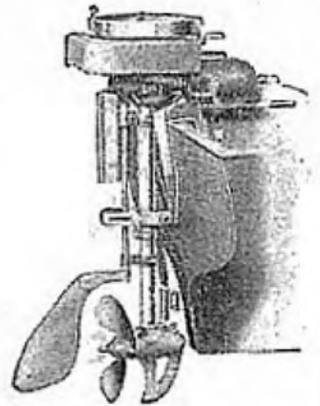
**Emmons  
Outboard Engine**

Showing Rudder in Folded Position



## Emmons Outboard Engine

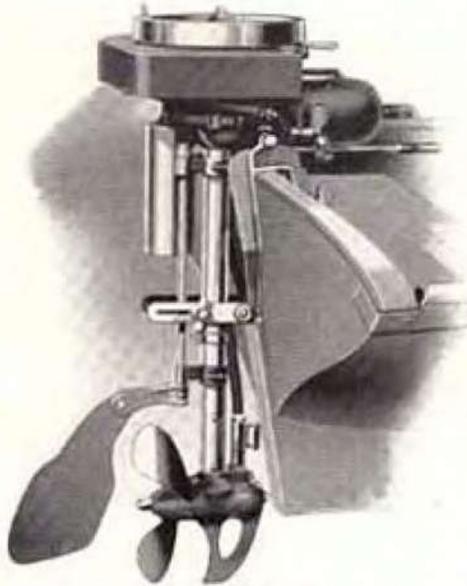
*It clamps on a  
boat like the  
wringer on a tub*



**EMMONS SPECIALTY CO.**  
241 JEFFERSON AVENUE  
DETROIT, MICHIGAN, U. S. A.



## THE GLIDEAWAY PORTABLE MOTOR



The Glideaway

The "GLIDEAWAY" is manufactured for us by one of the largest and most successful designers and builders of marine engines in the world, is the lightest, easiest starting and most perfect operating Portable Motor on the market, and The W. H. Mullins Co. guarantees absolute satisfaction with this motor or the return of your money. The "GLIDEAWAY" weighs a little over 50 pounds, can be carried anywhere and in a minute's time attached to any row boat, immediately converting it into a speedy little launch good for from 6 to 8 miles an hour.

The "GLIDEAWAY" develops 2 full horse-power and is simplicity itself; any member of the family can attach this motor to the boat in a moment's time; starts with a quarter turn of the

fly-wheel, and will run four or five hours on a gallon of gasoline.

The "GLIDEAWAY" can be attached to your old family row boat, round or flat bottomed, and converts it into a speedy and reliable little launch in a minute's time by simply tightening up two thumb-screws. The motor is adjustable to any depth or angle of stern.

The "GLIDEAWAY" is ideal for the camper, the fisherman, or hunter; to the man who has but a few weeks' vacation each year, this little motor will fill a long felt want — simply pack the "GLIDEAWAY" in your trunk, upon your arrival rent a row boat, attach the motor, and you have a power boat that will take you any place the man with the high-priced motor boat goes; in fact, you have an advantage, as your little power boat can be navigated in 8 or 10 inches of water.

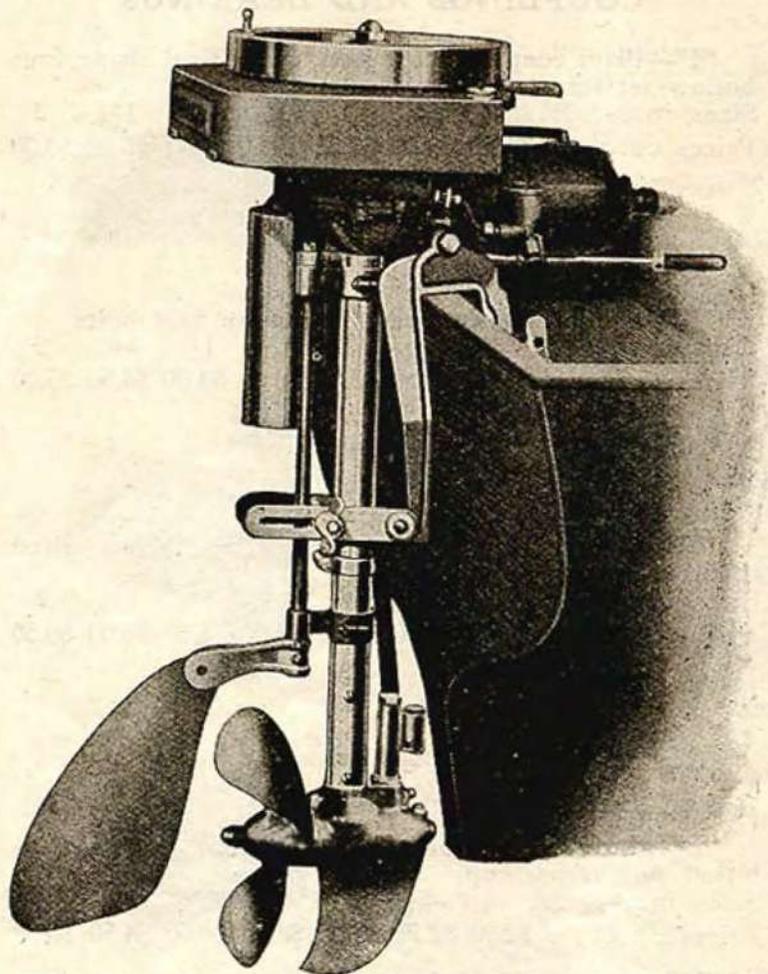
The "GLIDEAWAY" is equipped with folding rudder and steering equipment; we do not depend on motor to steer the boat as is done with other portable motors, since this leaves the user no means of guiding his boat when the motor is not running; furthermore, a motor that is not rigidly clamped to the boat will cause undue strain and vibration; the "GLIDEAWAY" rigidly clamped in position runs smoother and also eliminates danger of disconnecting wires and breaking spark plugs in swinging from side to side.

The "GLIDEAWAY" is correct in design, built of the best materials; finished handsomely, tested thoroughly, and is ready to operate as soon as it is attached to boat.



Runs Four Hours on a Gallon of Gasoline

## Michigan Portable Row-Boat Motor



Subject to Any Mechanical Improvement

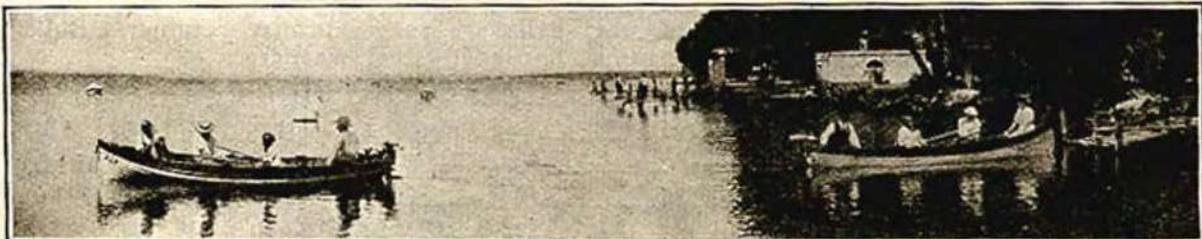
All of us have a primitive longing to spend as much time as possible along the lake shores and water fronts, which is exhilarating and conducive to better health. Added to this is the pleasure of motor boating or row-boat motoring, which has become so popular in the last few years. To those that are going on a vacation or those that can spend a day or two a week along the lake and river shores, the Michigan Row-Boat Motor offers wonderful possibilities for enjoyable days and nights, without paying the penalty of an aching back or blistered hands. A launch may be out of the question to a great many, but the price of a row-boat motor and the up-keep is so limited that every out door man can afford to own one. They can be attached to any

row-boat and will give a speed of six to eight miles per hour, and then you have a powerfully driven boat; one that will take you to your camp, fishing or hunting grounds, or take your family and friends out for a pleasant trip in and around the lakes and rivers, which are so numerous in all parts of this country and accessible to every city.

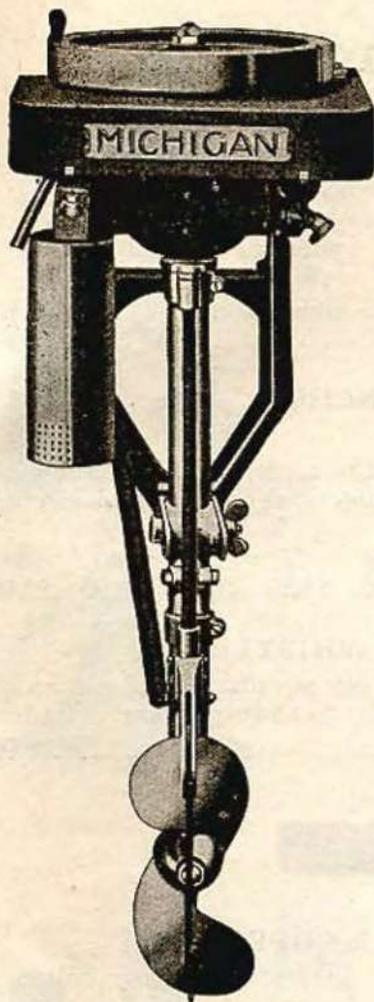
The Michigan Row-Boat Motor is very simple in design and construction and easy to operate; so simple an outfit that there is nothing about it that any member of the family cannot understand and operate,—a motor that any woman or child can handle with ease and enjoy the full real sport and pleasure of boating, cruising, trolling, fishing or racing.

The Beauty of the Michigan Row-Boat Motor is that you can attach it to any kind of row-boat, your own or a rented boat, and have all kinds of sport.

Life is short. Why not enjoy a little of its pleasures and buy a Michigan Row-Boat Motor?



## Michigan Portable Row-Boat Motor



Subject to Any Mechanical Improvement

The Michigan Row-Boat Motor develops two actual Horse Power at 900 R. P. M. It is two cycle type and light in weight, weight 50 lbs., bore  $2\frac{5}{8}$  inches, stroke  $2\frac{1}{2}$  inches. Combination two and three port system, made of the very best of material and workmanship and fully guaranteed. Regular ignition outfits supplied, consisting of non-vibrating spark coil, three batteries incased in a water-proof box and a specially designed timer. A rubber spark plug cover is furnished to protect the spark plug and terminal from spray. Latest design muffler. Propeller wheel is  $9\frac{1}{2}$  inches in diameter, Weedless type, made of special propeller wheel bronze, and is protected by fin to ward off blow by any obstruction.

Our motors are furnished complete with full equipment; ready to attach to any kind of row-boat and run.

### PRICES

Code Word

The Michigan Portable Row-Boat motor complete, ready to run.....	\$70.00	Row
The Michigan Portable Row-Boat motor complete, ready to run, equipped with underwater exhaust .....	75.00	Rower
The Michigan Portable Row-Boat motor complete, ready to run, equipped with high tension magneto.....	90.00	Rowest
The Michigan Portable Row-Boat motor complete, ready to run, with underwater exhaust and high tension magneto.....	95.00	Roam
The Michigan Quick Detachable Bracket for pointed stern boats.....	6.00	Bracket
The Michigan Canvas Carrying Case .....	3.00	Case

### TERMS

All prices are net, F. O. B. Grand Rapids, Michigan.—At least 25% or one-quarter of purchase price must accompany order. Send Post Office Order, or New York Draft, balance payable C. O. D. when by express or by sight draft with bill of lading attached when by freight. Full amount can be sent with the order, which is the best way as it saves time as well as trouble of going to the bank to take up draft.

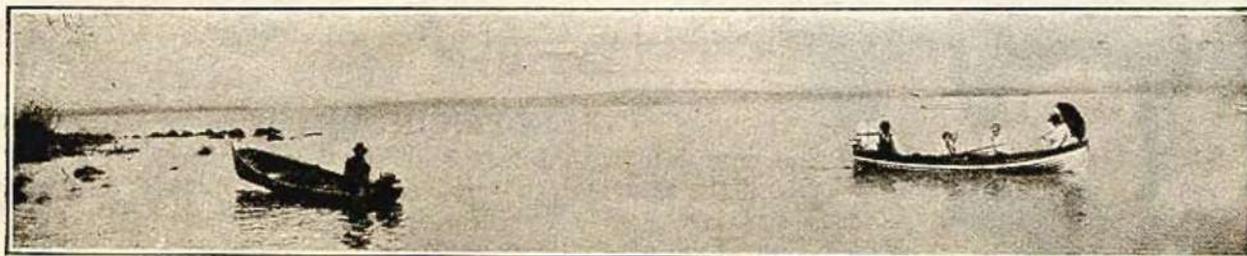
We aim to carry a large stock of motors at all times, so are usually in position to make prompt deliveries. Where it is impossible to fill the order at once, they will be filled in the order received.

### WEIGHTS AND MEASUREMENTS

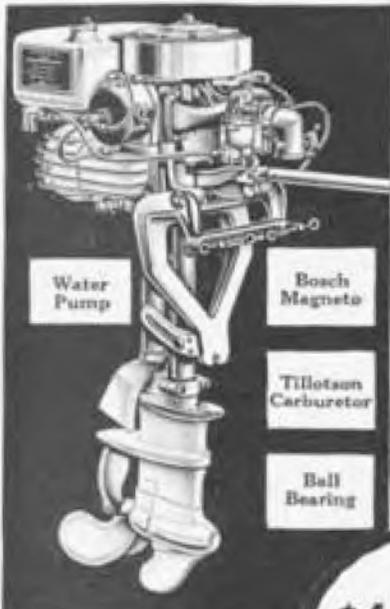
The Michigan Portable Row-Boat Motors are securely packed in strong boxes for domestic shipment, weighs 100 lbs. Boxed for export, gross weight, 120 lbs., net weight 70 lbs., measurements 16 in. x 36 in. x 21 in.

Every Michigan Portable Row-Boat Motor carries our guarantee to make good, so you take no chance in ordering one. We replace free of charge any motors that do not prove entirely satisfactory.

Life is short. Why not enjoy a little of its pleasures and buy a Michigan Row-Boat Motor?



# Surging POWER Greater Stamina With a . . . MOTORGO



- Water Pump
- Bosch Magneto
- Tillotson Carburetor
- Ball Bearing

## MOTORGO SENIOR 14-H.P.

The motor's size, weight, power and durability of the Senior 14 motor have made it one of the most popular models and now we are offering you with a motor with many new improvements of a new design. Lighter weight. Heavier a proven model, yet capable of making considerable speed when used with light speed boats. Still consistently draws 14 to 16 miles per hour on general utility boats. Improved Bosch high tension magneto and Tillotson carburetor furnished better a quick, easy start. The underwater release, automatic stop and exhaust pump. A centrifugal water pump keeps the motor cool at all boat speeds and the automatic timing device protects the motor from abnormal stresses. The MOTORGO SENIOR 14 is equipped with a standard locking device but weighs only 74 lbs. and can be easily removed.

### Sturdy and Dependable

This MOTORGO is built to last. Other cylinders give a direct thrust to the electric start commencing only while the start switch is depressed. The 14's standard anti-kick-off spring on the long 1 1/2 inch bronze bearing supports all possible wear. Special bearing alloy pistons with ball bearing water pins. Two-quartz gasoline tank of proven design with shut-off and gas valve. Improved drive shaft and chrome nickel steel gear set in ball bearings to eliminate friction. Automatic stop and exhaust pump at special position. Also made the MOTORGO waterproof to all uses.

**23EM7214—14-H.P. \$149.25**  
Motorgo Inc. Cash Price \$164.20  
Time Payment Plan \$15.00 Down, \$25.00 per Month

When Ordering, use Easy Payments Use Time Payment Order Blank in Back of Catalog.  
All Motors shipped Net Prepaid from Philadelphia, Pa., or Boston, Mass.  
Send for Special Manager Catalog #114E containing largest Motorgo and accessories price description of our complete line of Inboard and Outboard Motors.



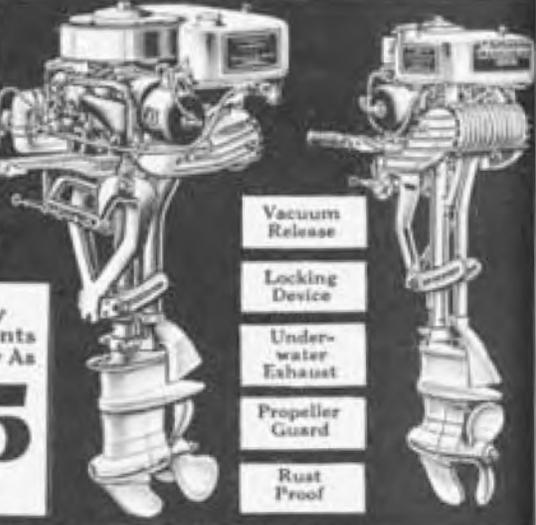
Motorgo 7	Class	H.P.	Boat	Stroke	Weight (Lbs.)	Propeller
Motorgo 7	B	7	12' to 14'	1 1/2"	25	12" to 14"
Motorgo 10	C	10	14' to 16'	1 3/4"	35	14" to 16"
Motorgo Big Boy	C	14	16' to 18'	1 3/4"	75	16" to 18"

All motors (two cylinders, horizontally, overhead) with lock cylinders firing at 90 degree angle to main cylinder. Castings made of special die-cast aluminum alloy ground to size. Cast-iron cylinders and parts generally machined to give rig power to both cylinders. Light alloy pistons and alloy steel water pins. Crankshaft special heat-treated aluminum alloy. Crankshaft of high grade chrome nickel steel, main bearings to give a glass bead finish and reduce vibration. Piston pins 2 months have large ball bearings with tapered rollers and roller-bearing support. Tilting mechanism and the improved Bosch magneto insure quick, easy starting. All main shafts with water pump which keeps motor cool at normal speeds. Full ball bearing underwater gear.

**\$114<sup>25</sup>**  
AND UP  
Cash Price

Easy Payments As Low As

**\$25**  
DOWN



- Vacuum Release
- Locking Device
- Under-water Exhaust
- Propeller Guard
- Rust Proof

## Motorgo Big Boy 20-H.P.

A large, powerful motor that is designed for durability and service. Case C motor with exceptional power and economy especially adapted to family boats, runabouts or cruisers. Baller and ball bearing construction throughout eliminates friction and vibration. Underwater water in the full mechanical water tank. No other motor on the market at this extremely low price will incorporate all these features.

Other cylinders, nickel steel connecting rods, timing to other bearings. Cast-iron chrome nickel steel crankshaft, 1 1/2 inch diameter, supported by three ball bearings—top support, one lower. Light alloy pistons with two rings and full floating water pins. Improved drive shaft and gear set, ball bearings and roller support. Main bearings, roller support and ball bearings and tapered locking device. Two and one-half gallon gas tank, ground aluminum. Wt. 150 lbs.

**23EM7220—20-H.P. Cash Price \$183.95**  
Time Payment Plan \$25.00 Down, \$25.00 per Month  
Easy Payments Terms \$25.00 Down, \$25.00 per Month  
Use Time Payment Order Blank in Back of Catalog.

## Motorgo Junior 6-H.P.

An excellent motor for fishing, boating and fishing. Weighs only 55 pounds and can be carried on trips to the lake or camp. This dependable utility motor has carefully selected components of ball bearings, pistons and pistons makes during the past few years. A motor that is portable and built enough to give excellent service on the lake, utility boat, canoe and light motor boats. Underwater exhaust pump. The motor has a standard ball bearing support and ball bearings.

1 1/2 inch ball bearings, main bearings, roller support. The motor has vacuum releasing and full floating water pins. Improved drive shaft and gear set, ball bearings and roller support. Main bearings, roller support and ball bearings and tapered locking device. Two and one-half gallon gas tank, ground aluminum. Wt. 55 lbs.

**23EM7206—6-H.P. Cash Price \$114.25**  
Time Payment Plan \$15.00 Down, \$15.00 per Month  
Use Time Payment Order Blank in Back of Catalog.

# PRICES NEVER SO LOW on Outboard Motors



## MOTORGO MOTORS

### Be There FIRST With a MOTORGO!

BEAT the "gang" to the favored fishing spots, to the beach or in a spirited dash across the lake. MOTORGO outboard motors have been "leading the field" for many years in low-cost, fine performance and long life. Now, Sears have cut the prices on these remarkable motors to match today's dollar! The barriers of high cost are broken down; nothing further can deny you the enjoyment of this great sport.

**\$25**  
DOWN

**Easy Terms**  
SEE YOUR SEARS STORE to buy a MOTORGO. Three motors can be purchased on extremely liberal easy payments, with full cash down payment to be made when delivery is prepared to really enjoy your summer.

**WE GUARANTEE** all Motorgo motors against defective material and workmanship and will replace with new choice parts which prove defective within two years of purchase.  
We also guarantee every motor to give absolute satisfaction and allow a 10-Day Trial from date of purchase. We do not, however, accept the return of any motor for a refund after the 10-day trial period. Motors returned after the trial period will be checked for defects under our one-year guarantee, and in accordance with law and returned to the customer at our expense.

**Free Catalog**  
If you desire further information on these motors, we will be glad to send you our New Illustrated MOTORGO Catalog (114E). Therein you will find a full line of inboard and outboard motors and boat. SEE 201555795.

**\$20**  
DOWN

**Extended Payment Plan**  
See 100 lbs. on 100 lbs. \$2.00 down, \$2.00 per month. \$2.00 down, \$2.00 per month. \$2.00 down, \$2.00 per month. \$2.00 down, \$2.00 per month.

14 H.P. MOTORGO SR.

3 H.P. MOTORGO

# "Neptune Twin" Outboard Motor

\$118.75

## Specifications of the Neptune Twin

Fishermen, hunters, campers, sportsmen and those who enjoy the restful, healthy recreation of boating know the necessity of a smooth and steady running Outboard Motor. Without it, hours must be spent in the strenuous task of rowing that otherwise is devoted to sport. The Neptune Twin easily does all this hard work even though the boat be heavily loaded. One of the largest manufacturers of outboard motors—a concern with twenty-four years experience is building the Neptune Twin for us and by contracting for a large quantity we have obtained a price far below that asked elsewhere for the same motor. It can be used in either fresh or salt water. Regular \$145.00 value.

**Motor.** Two cylinders fire at same time giving a balanced stroke which reduces vibration. Bore 2 inches, stroke 2 inches. Chrome nickel steel crankshaft. Phosphor bronze bearings; gray iron pistons. Will develop about 2 3/4 horsepower and operate at about 2000 revolutions per minute.

**Carburetor.** Zenith, with adjustable needle point and metal float. Because of the fine adjustment the motor is very economical on gasoline.

**Ignition.** Equipped with Elseman waterproof magneto and jacks for plugging battery so that operator can use either magneto or battery. (Battery not included.)

## An Easy Motor to Operate

**Control.** Very simple to operate. Rubber handled lever controls the steering and by changing spark control lever a variation of speed is obtainable either forward or backward. No need of stopping the motor when changing to reverse—merely press stop button and shift spark lever while fly-wheel is in motion. A plate is furnished that permits the operator to steer from any part of the boat. The motor is adaptable to any kind of square stem rowboat.

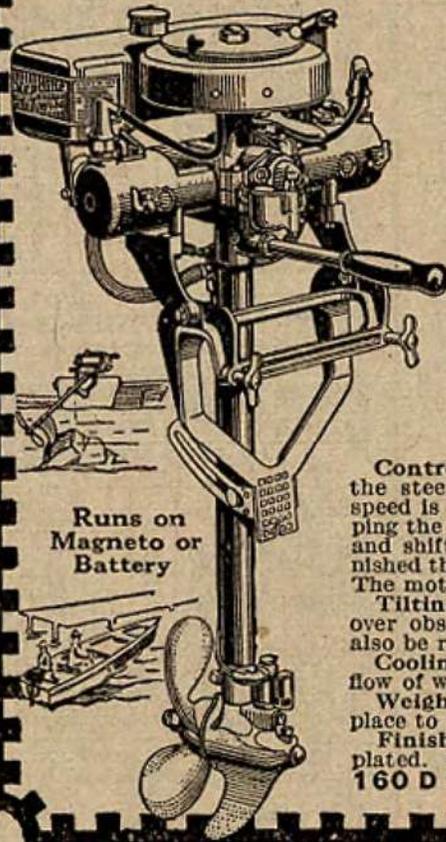
**Tilting.** Motor is made to tilt up automatically so as to pass over obstructions without damaging the propeller. Propeller can also be raised out of the water for beaching.

**Cooling System.** Cylinders are water jacketed; plunger keeps flow of water circulating around cylinders.

**Weight.** Weighs only 42 pounds and is easy to transport from place to place.

**Finish.** Durable aluminum finish with all fittings heavily nickel plated. Shipping weight, 100 pounds.

160 D 9935.....\$118.75



Runs on Magneto or Battery

### Waterproofed Paulins—Extra Heavy Weight—Our Best Quality

For protecting perishable produce, grain or hay stacks, valuable implements and machinery from exposure. Made of a very fine grade of brown duck, treated by a special process to make it waterproof. Brass eyelets around edges. Double stitched seams. Weight, about 16 ounces after waterproofing treatment. Covers up to 50 pounds, can be shipped by parcel post in all zones. No. 468 D 9934 can be shipped by parcel post in zones 1, 2 and 3 only.

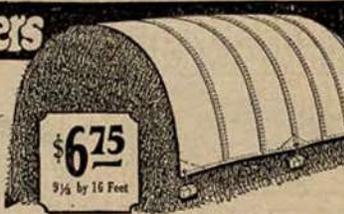
\$6.98

8 by 10 Ft.

Article No.	Size, Feet	Ship. Wt.	Each
460 D 9931	8 by 10	12 lbs.	\$ 6.98
460 D 9932	8 by 12	15 lbs.	8.15
460 D 9933	9 by 14	18 lbs.	9.30
460 D 9934	11 1/2 by 16	32 lbs.	15.00
460 D 9935	14 by 20	43 lbs.	20.00
460 D 9934	16 by 24	60 lbs.	28.00

### Canvas Covers

These fine quality Canvas Superior light weight covers are made of "Targum" Grade 9-ounce duck is sold for the common square yard. Ward's Covers are made of standard guaranteed white duck, weighing one pound per running yard 29 inches wide. All seams are finished with 16-ounce duck, weighing one pound per running yard 29 inches wide. The larger sizes with 16-ounce duck are finished with 29-ounce duck. All seams are finished with 29-ounce duck. Sizes given are before finish ropes to which they are attached. Shipping weights are and will vary slightly. Weights can be shipped in all zones; \$9 to \$70, in zones 1, 2 and 3; over 70 by express only.



\$6.75

9 1/2 by 16 Feet

Guaranteed Full Weight 29-Inch Duck



Makes a Roadside Tent when Used with Poles



Protects Implements and Produce from Exposure to Weather

Article Number	Ship. Wt. Lbs.	8-Ounce 29-Inch Duck	Article Number	Ship. Wt. Lbs.	12-Ounce 29-Inch Duck
99736	14	\$ 8.75	460 D 9737	17	\$ 8.65
99735	21	8.95	460 D 9740	17	10.95
99759	24	12.95	460 D 9761	25	15.95
99769	25	14.75	460 D 9782	29	17.95
99765	25	14.75	460 D 9779	41	26.45
			460 D 9785	65	33.80
			460 D 9784	70	39.95
			160 D 9793	77	48.65

# "Neptune Twin" Outboard Motor

\$118.75

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**Ignition.** Equipped with Elseman waterproof magneto and jacks for plugging battery so that operator can use either magneto or battery. (Battery not included.)

## An Easy Motor to Operate

**Control.** Very simple to operate. Rubber handled lever controls the steering and by changing spark control lever a variation of speed is obtainable either forward or backward. No need of stopping the motor when changing to reverse—merely press stop button and shift spark lever while fly-wheel is in motion. A plate is furnished that permits the operator to steer from any part of the boat. The motor is adaptable to any kind of square stem rowboat.

**Tilting.** Motor is made to tilt up automatically so as to pass over obstructions without damaging the propeller. Propeller can also be raised out of the water for beaching.

**Cooling System.** Cylinders are water jacketed; plunger keeps flow of water circulating around cylinders.

**Weight.** Weighs only 42 pounds and is easy to transport from place to place.

**Finish.** Durable aluminum finish with all fittings heavily nickel plated. Shipping weight, 100 pounds.

160 D 9935.....\$118.75



Runs on Magneto or Battery

### Oar Locks

Fasten to the side of boat. Width at top 1 1/2 inches, center 2 inches. 60 D 8966—Per pair, 48¢ Post, per pair, 2¢ extra



### Straight Grain Canoe Paddle

Light, well balanced and straight grained. Made to give long satisfactory service. Var-nished. Hand made. Length, 5 feet. 460 D 9870—Each.....\$1.58 Postage, 16¢ extra



## Only the Kind of Merchandise that Will Stand Your Inspection and Use

### Why Gets All the Cream

Chased a SATLEY Cream Separator you in October of 1924, and was roughly satisfactory. Today I get all the cream from the milk to my cream and it didn't show a trace of fat. It gets all of the cream. \$38 by ordering from you."

S. A. Phillips, Versailles, Mo. Printed by Permission

### Engineer Praises Cleaner

"I am pleased with your Wardway Electric Vacuum Cleaner. It is all that you advertised it to be. I, as an engineer and electrician in dry goods stores and hospitals, have had considerable experience with vacuum cleaning apparatus."

D. H. Jordan, Cambridge, Mass. Printed by Permission

### Nursery Stock

"The Nursery Stock I sent for is very satisfactory. Every tree is growing. I am well pleased with it, as I am starting on a piece of wild land and the trees sure look fine. Next spring I will try to send for some more."

Sebert Olson, Black River Falls, Wis. Printed by Permission

### Ajax Fencing

"We have just received another lot of Ajax 58-inch woven wire, and find it to be a straight woven wire with just the right amount of tension in the wire so there is no extra strain on the end posts. On 180 rods we can save \$29 over our local dealer's price."

F. R. Merk, Rocky Ford, Colo. Printed by Permission

# NEPTUNE

## The Neptune Outboard and Canoe Motors

**I**N ONE respect the rowboat motor industry is much like the automobile industry. You can buy high priced cars and they will prove their worth throughout years of service. You can also get cars at a mere fraction of the figure asked for high priced machines, and they, too, will give a certain amount of satisfaction.

As stated in the early pages of this book, the Caille Five Speed Motor corresponds to the higher priced, up-to-the-minute cars. The Neptune Motor corresponds to the great middle class of cars. It is furnished in 2 H. P. and 3½ H. P. sizes.

The Neptune is thoroughly complete, and is sold at a price within the reach of every pocketbook. It embodies all the features found in other outboard motors, except the Caille Five Speed Motor. It does not embody the Caille Five Speed Feature, the Caille Silencer, nor the Caille gear-housing construction. These features add materially to the cost of the motor, and consequently cannot be furnished at the Neptune price.

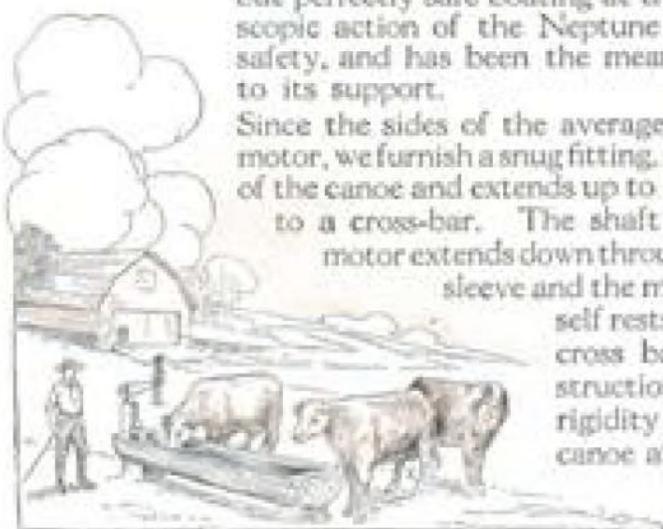
The Neptune does embody the same workmanship and materials, the same time-tested general design and principles that have made the Caille Portable Boat Motor so popular. The Neptune is designed to steer with the propeller, but can be easily and quickly equipped with the well-known Caille folding rudder at an additional cost.

## The Neptune Canoe Motor

When you skim over the water at 12 to 14 miles per hour, you are "going some." Yet, that is the speed to be obtained with the Neptune installed in your canoe. The nimble Neptune may be used with canvas, cedar or birch bark canoes, and affords not only good pleasure and sport,

but perfectly safe boating at the same time. The gyroscopic action of the Neptune flywheel is partly responsible for this factor of safety, and has been the means of winning hundreds of women and children to its support.

Since the sides of the average canoe are not rigid enough to support a canoe motor, we furnish a snug fitting, leak-proof sleeve which is put through the bottom of the canoe and extends up to the height of the sides where it is firmly fastened to a cross-bar. The shaft of the motor extends down through this sleeve and the motor itself rests on the cross bar construction. The rigidity of the canoe after the



Patent Detachable Folding Rudder for use on either the 2 H.P. or the 3½ H.P. Neptune Rowboat Motor—can be attached in an instant. The rudder means control of boat after power of motor is shut off and boat is travelling on momentum only. This is the only Folding rudder on the market.

# NEPTUNE



motor is installed has induced many persons to take to this phase of motor boating in preference to the rowboat, which, though rigid enough, is not so fleet. Attaching a Neptune to your canoe in no way weakens the boat, nor is there any chance of springing a leak at the connecting point.

## Neptune Specifications and Prices

**SPEED AND POWER**—The motor embodies the snap and ginger that makes you feel glad you bought it. Rated at 2 H. P.—600 R. P. M. Under actual boat test it develops 2.2 H. P., or an average of 8 1/4 miles per hour.

**CYLINDER**—Cast from close-grain grey iron—same as used for automobile engines. Cylinders are rough bored and ground smooth, giving a straight, accurate cylinder bore. Cylinder is entirely surrounded by a water jacket, and tested by hydraulic water pressure.

**PISTON**—Made of the same close-grain grey iron and ground with great accuracy. Baffle plate at the top of the piston insures maximum power at high speed.

**PISTON RINGS**—Piston rings are made eccentric and cast individually, retaining the strength given them when the iron is chilled in casting. Wrist pin is high grade carbon steel, hardened and accurately ground, and is hollow to provide for the oiling.

**CRANK SHAFT**—Made of high grade 35 to 40 point carbon steel, used in the finest automobile crank shafts.

**CONNECTING ROD**—Special wear-resisting phosphor bronze, I-beam shape.

**CRANK CASE**—Made of phosphor bronze. The bearings are cast babbit; these are machined to fit crank shaft perfectly.

**TIMER**—Timer located underneath flywheel, convenient to operator. A movement one way or the other controls the speed of the motor. Timer consists of a vibrating spring, actuated by cam on the flywheel. Contact screw and

vibrating spring equipped with large Tungsten points which cannot corrode or stick. Points can be quickly adjusted by means of the contact screw. The cam gives the proper make and break for the timer, giving batteries long life.

**FLYWHEEL**—Flywheel is perfectly balanced and heavy enough to allow the engine to run very slowly.

**CARBURETOR**—Designed with the greatest care. Automatic generator type, small and simple. It gives the proper mixture at all times.

**PROPELLER**—The propeller is manganese bronze, which is proof against salt water corrosion. It is 9 1/4 inches in diameter. Woodless type.

**GEAR HOUSING**—Gear housing is phosphor bronze and impervious to salt water corrosion. It houses the propeller gears in a water-tight chamber. It is packed with enough grease to provide lubrication for several months. A thrust is provided for the propeller.

**WATER PUMP**—Water pump is attached to the gear housing. It is of the plunger type, and driven by a cam on the propeller shaft. Its capacity is ample to keep cylinder cool on the hottest days.

**2 H. P. ROWBOAT MOTOR**—Bore and stroke, 2 1/4x2 1/4; 900 R. P. M.; propeller, 9 1/4 inches; weight—net, 17 pounds; boxed for domestic shipment, 100 pounds; boxed for export shipment, 120 pounds; export box measurements, 13x17x19 inches.

**2 H. P. CANOE MOTOR**—Bore and stroke 2 1/4x2 1/4; 900 R. P. M.; propeller, 9 1/4 inches; weight—net, 10 pounds; boxed for domestic shipment, 100 pounds; boxed for export shipment, 110 pounds; box measurements, 13x17x19 inches.

**3 1/2 H. P. ROWBOAT MOTOR**—Bore and stroke, 3 1/4x3; 800 R. P. M.; propeller, 11 inches; weight—net, 17 1/2 pounds; boxed for domestic shipment, 100 pounds; boxed for export shipment, 123 pounds; box measurements, 21x49x27 inches.

## Neptune Prices

Rowboat Motor	Code Word	Canoe Motor	Code Word
2 H. P. Battery type, \$70	- King	2 H. P. Battery type, \$70	- Queen
2 H. P. Magneto type, \$60	- Prince	2 H. P. Magneto type, \$60	- Empress
3 1/2 H. P. Battery type, \$90	- czar	*Canvas Carrying Case, \$2	- Case
3 1/2 H. P. Magneto type, \$100	Czarina	†Special Rudder Export., \$1.50	Rudder

The snug fitting, leak-proof sleeve through which the motor shaft is inserted is, without question, one of the cleverest ideas ever devised for canoe motor installation. Note enclosed water connection for cooling the motor.



Neptune Sleeve furnished as regular equipment on all motors.

\*For 2 H. P. motor only.

†For Neptune Rowboat motor only.



Let the Neptune "paddle" your canoe.

# SWEET Detachable Rowboat MOTOR

**4 Horse Power, Long Stroke, Ball-Bearing Motor. Weight 59 Pounds.  
From Factory to You, Freight Paid, Anywhere in U. S.**

**Fits any boat, square or pointed stern, rowboat, dinghy, canoe, sailboat, houseboat**

Here is, we are confident, the best detachable rowboat motor in all the world. This claim is not made from or based on theory. It is founded on 9 years' experience,—9 years of perfecting and refining, in making strong and solid and reliable an outboard motor that will *run* as you expect it to run all the time, when you want it. You can, with safety, embark on any trip with a Sweet Detachable Rowboat Motor and rely upon its taking you to your destination without trouble. You won't waste half your time, and more, in "tinkering" with it to keep it running. It is built to run and it does run, 35 miles on one gallon of gasoline and oil mixed and will send an 18 foot boat from 8 to 9 miles per hour. Why?

Because of the following facts and our exclusive equipment, all of which combine to make the *Sweet Detachable Rowboat Motor* the best in the world.

4 Horse Power, Long Stroke, Ball-bearing Engine; 10 $\frac{1}{4}$  inch Weedless Propeller; 3-Ring Piston, same as in Packard cars; Copper Water Jacket, same as in Cadillac cars; Kingston Carburetor, same as on high-grade auto and marine engines; Silent under-water Exhaust, same as in highest priced launches; Removable Phosphor Bronze Bearings; Solid Bronze Skeg; steered by Rudder from any part of the boat; highest quality in material; honestly made on principles proven right by experience. Guaranteed for life.

The *Sweet Detachable Rowboat Motor* comes to the purchaser ready for work. It can be attached to any boat in a few minutes, and as quickly taken off. It is light in weight and, therefore, is easily carried. It is ready for salt or fresh water, and in operation, it will not disappoint expectations.

**Buy this motor if you want perfect enjoyment on the water**

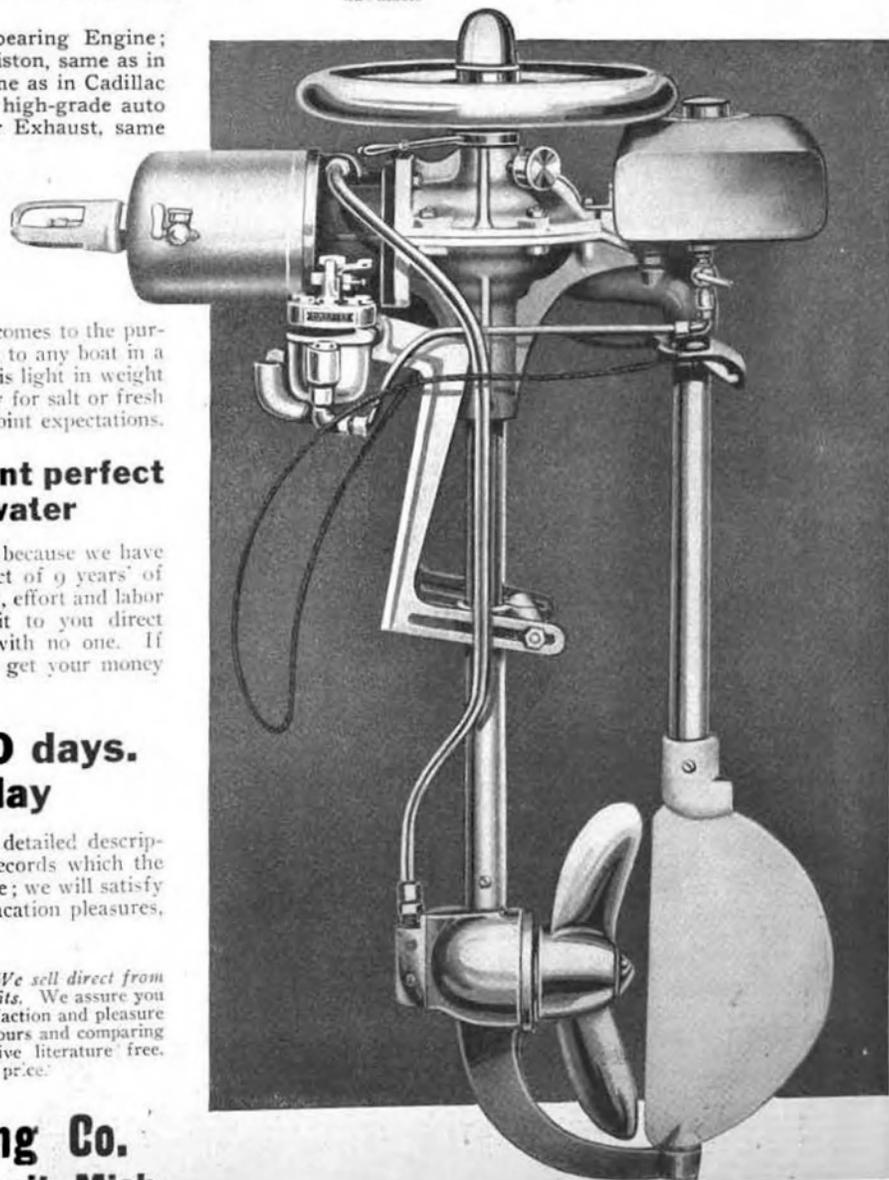
It is the best detachable rowboat motor, because we have made it the best; because it is the product of 9 years' of building only this one motor,—all our study, effort and labor has been on this one motor. We sell it to you direct from the factory, sharing responsibility with no one. If you buy it and it is not satisfactory, you get your money back without argument.

**Special Price for 30 days.  
Write for it today**

We will send you catalogue going into detailed description; we will send you testimonials and records which the *Sweet Detachable Rowboat Motor* has made; we will satisfy you that it the one motor you want for vacation pleasures, for touring on water and for business.

There's another thing: *We pay the freight. We sell direct from the factory and save you dealer's and agent's profits.* We assure you most emphatically that you will lose money, satisfaction and pleasure if you buy a detachable motor before examining ours and comparing the merits and price. Catalogue and descriptive literature free. Write for it today and ask for special 30 days' price.

**Sweet Manufacturing Co.**  
**81 Griswold St., Detroit, Mich.**



# Waterman PORTO Motor

Makes a Motorboat of Any Boat in Five Minutes.

1914 MODEL THE RESULT OF 9 YEARS EXPERIENCE.

THIS illustration shows something of the beauty of the "Waterman"—but don't you buy any motor by the looks alone. The all-important thing to get is certainty that the motor will give lasting satisfaction, and the only way to be sure of this is to bank on the experience of others, and the reputation and standing of the factory behind the motor. Let "the other fellow" experiment with the untried imitations. Keep your money until you know what you are buying.

3 H. P.

Weight 59 Lbs.

Most Power  
for the Price.  
Most Power  
for the Weight.



The Waterman "Porto" is the original outboard motor. It is guaranteed for life. Nine years successful use—25,000 delighted "Waterman" owners and every one a "Waterman" booster. The "Waterman"

fits any shaped stern (attached or removed in a jiffy) and drives a rowboat, dinghy, tender or other small boat eight to ten miles an hour, thirty miles on a gallon of fuel.

**Buy Direct from Factory**

**Freight Prepaid Anywhere in  
the United States.**

Don't buy an outboard motor of any make until you get our free engine book and learn the "Waterman" terms and price, and find out about the superior features of the "Waterman." You will be sorry if you fail to insist upon these features in the motor you buy:

**Carburetor, not "mixing valve;" 3 Piston Rings instead of 1; Removable Bronze Bearings; 10½" x 16" Propeller; Independent Rudder; 25 feet of tiller line, steers from any part of the boat; Noiseless Under-Water Exhaust; Bronze Gear Pump, forming Valveless Water Circulation System; Spun Copper Water Jacket, highly polished; Ignition: Bosch, or any other strictly high grade high tension magneto; or by battery. DEMAND THESE FEATURES IN ANY OUTBOARD MOTOR YOU BUY—OR YOU ARE NOT GETTING THE WORTH OF YOUR MONEY.**

Immediate delivery assured, either direct from Factory or from nearest distributor's stock. Keep the Agent's Profit.

Postal brings free engine book and full information.

**Waterman Marine Motor Co.**

403 Mt. Elliott Ave.

**DETROIT, MICH.**

Read what "Waterman" owners say on next page—

# COMPLETE WILLIAMS MARINE ENGINES READY TO INSTALL

## WILLIAMS MARINE ENGINE GUARANTEE

We guarantee every Williams Marine Engine to develop their full-rated horse power and that the fuel consumption is as low as that of any marine engine made; to give as much speed as any other marine engine rated at the same horse power; to be equal in material and workmanship and free from defects and we will replace, free of charge, at any time during the life of the engines, any part that may break or wear out on account of defective material or workmanship. If any marine engine that you purchase from us and test within a reasonable length of time is not perfectly satisfactory to you, all that is necessary for you to do is to write us and we will give instructions for sending it back and your money will be returned together with all freight charges you may have paid. Any complaint you have to offer during the life of any marine engine that you purchase from us will receive our prompt attention and we will use our best efforts to make a liberal, honest and fair adjustment with you. Williams Marine Engines are equal to the highest-priced engines made and superior to others that are being sold anywhere near the prices quoted.

The Williams Marine Engines are constructed of the best material. The workmanship is the best in every respect and each engine is thoroughly tested so that they are in perfect working order when you receive them. They are superior to other engines being offered at a higher price. All our engines are equipped with a speed-controlling lever which gives perfect control, stopping, starting and reversing with all changes of speed. The 2 1/2 horse power is equipped with a clutch which allows it to be thrown in and out of gear in an instant. With every Williams Marine Engine, excepting the 2 1/2 horse power, which is equipped with the splash oiling system, are furnished oilers, grease cups, cylinder drain cock, spark coil, spark plugs, dry cells, knife switch, stuffing box, propeller shafting, propeller, flange, coupling and connecting wire. Any one who can turn a grindstone can operate this engine.

At the prices printed we pack marine engines so they are protected against damage in transit and deliver them to the transportation company at the factory, from which point the purchaser pays the freight. The freight will be very little compared to the saving you will make through purchasing from us. We guarantee safe delivery.

## WILLIAMS 2 1/2 HORSE-POWER MARINE ENGINE WITH CLUTCH

**\$39.80**



- No. 288900 2 1/2 horse power, with all fittings for fresh water equipment. Price, each **\$39.80**
- No. 288901 2 1/2 horse power, with all fittings for salt water equipment. Price, each **\$41.80**

## OUR TRIAL OFFER

We Do Not Limit You to a 30 or 60-Day Trial

We will ship you any of the Williams Marine Engine with the understanding that it will give you perfect satisfaction as long as you have it, provided it is abused or mistreated. It is our idea that any man engine we sell shall give our customers such merit and be of such value that they will remain a satisfied customer of ours for all time. We do not limit you to a 30 or 60-day trial, for marine engines that ship will give perfect satisfaction and will do all claim. Our responsibility never ceases until you are perfectly satisfied with the marine engine you have purchased.

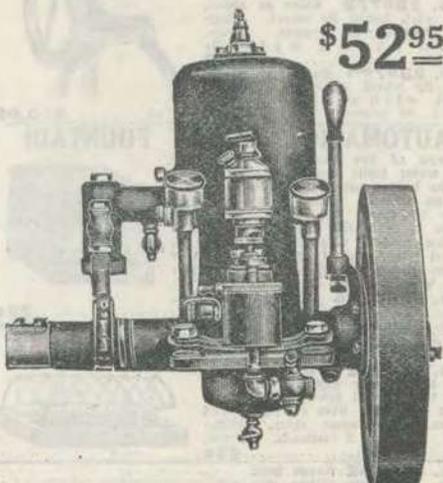
Equip Your Launch, Rowboat, or Canoe with Williams Marine Engine and Enjoy Life.

Has 2 1/2-inch bore, 3-inch stroke, perfect type pistons, babblited lined bearings and adjustable 6-inch bronze connecting rod on adjustable bearings. Splash system for mixing one pint of oil to five gallons of gasoline. Diameter of fly wheel, 9 1/2 inches; diameter of propeller shaft, 1 inch; diameter of drop-forged steel crank shaft, 3/4 inch; diameter of propeller wheel, 10 inches; width of base engine, 8 1/2 inches; length of base of engine, 4 inches. Full spark ignition system, new style lever timer. Equipment furnished with our 2 1/2 horse power Williams Marine Engine. Mixing valve, spark coil, spark plug, 4 dry cells, battery connect one knife switch, primary and secondary wires, 6 feet of 1/2-inch shaft, one 3-blade, 10-inch woodless propeller, one muffler, one adjustable friction clutch, complete stuffing box, lag screws, 3 feet rubber tubing, brass sea cocks, hose nipples, one instruction book. Shipping weight, complete, 50 pounds.

## FOUR HORSE-POWER WILLIAMS MARINE ENGINE

### SINGLE CYLINDER WITH CONTROL LEVER

**\$52.95**



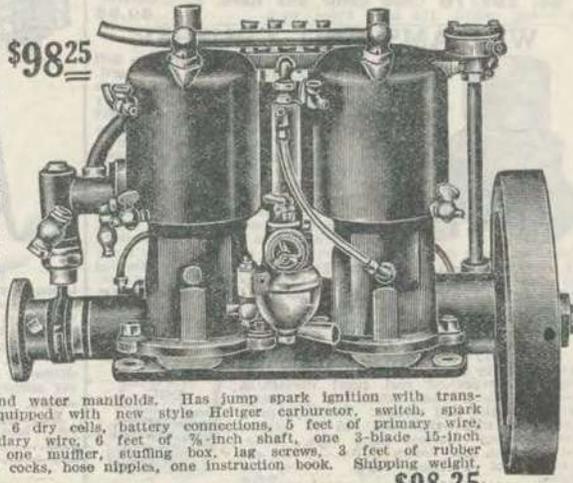
Bore, 3 1/4 inches; stroke, 3 1/2 inches. Diameter of fly wheel, 12 inches; diameter of propeller shaft, 3/4 inch; diameter of crank shaft, 1 1/4 inches; diameter of propeller two blades, 12 inches; width of base of engine, 9 1/2 inches. Adjustable lined bearings, bronze connecting rod, drop-forged crank shaft, metal piston rings, 3/8 inch wide. Engine equipped with gravity feed lubricator and 2 polished brass grease cups. Furnished with jump spark ignition, lever timer removable. Equipment furnished with our 4 horse power Williams Marine Engine, combination mixing valve and boat spark coil, spark plug, dry cells, battery connections, knife switch, primary wire, 5 feet; secondary wire, 2 1/2 feet; 6 feet of 3/4-inch shaft, one 3-blade 12-inch bronze propeller, one muffler, stuffing box, lag screws, 3 feet of rubber tubing, brass sea cocks, hose nipples, one instruction book. Shipping weight, 100 pounds.

- No. 288904 Complete for fresh water. Price, each **\$52.95**
- No. 288906 Complete for salt water. Price, each **\$56.50**

## SEVEN HORSE-POWER WILLIAMS MARINE ENGINE

### TWO CYLINDER

**\$98.25**



3 1/2-inch bore, 3 1/2-inch stroke. Diameter of fly wheel, 12 inches; diameter of propeller shaft, 1 1/2 inch; diameter of crank shaft, 1 1/2 inch; diameter of propeller, one 3-blade, 15 inches. Width of base of engine, 9 1/2 inches; length of base of engine, 16 1/2 inches. Equipped with automatic oiling system for cylinders and 4 lined bearings. Adjustable bronze connecting rods, adjustable babblited bearings, perfect type piston with 1/2-inch eccentric rings. Brass plunger pump and water manifolds. Has jump spark ignition with transformer coil. Equipped with new style Heliger carburetor, switch, spark coil, spark plug, 6 dry cells, battery connections, 5 feet of primary wire, 8 feet of secondary wire, 6 feet of 3/4-inch shaft, one 3-blade 15-inch speed propeller, one muffler, stuffing box, lag screws, 3 feet of rubber tubing, brass sea cocks, hose nipples, one instruction book. Shipping weight, 150 pounds.

- No. 288908 Complete for fresh water. Price, each **\$98.25**
- No. 288910 Complete for salt water. Price, each **\$101.50**

### REVERSE GEARS

Reverse gears should always be used on large boats. It adds greatly to the pleasure and usefulness. We can furnish reverse gears at the prices quoted below. If desired for any other engine than the Williams Marine Engine, it is necessary to give the diameter of propeller shaft, revolutions per minute and power of the engine.

- No. 288912 For engines up to 3 horse power. Price, each **\$14.80**
- No. 288914 For engines up to 16 horse power. Price, each **\$19.00**
- No. 288916 For engines up to 40 horse power. Price, each **\$36.70**

## WILLIAMS PORTABLE BOAT MOTOR COMPLETE \$63.00

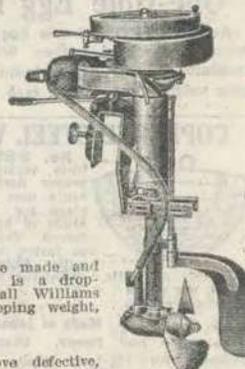
We have eliminated every part that might cause trouble in the construction of our Portable Boat Motor. We have made every part strong enough to last for years. Any man, woman or child can understand and successfully operate a Williams Portable Boat Motor.

### WILLIAMS PORTABLE BOAT MOTOR

With the use of our Williams Portable Boat Motor you can have a power-driven boat at a very small cost. Does away with blistered hands and aching muscles. Every lover of the water, camper, fisherman and hunter and all who enjoy the pleasure of riding on the water will appreciate this Portable Boat Motor. No more pulling of the oars and paddles; you save your energy and arrive at your destination very quickly, for with the use of this motor you make your rowboat a speedy launch in a minute's time, so that you can start on your journey with comfort and ease. Our Williams Portable Boat Motor is light in weight; made of high-grade materials designed by expert marine engineers and finished by experienced workmen. It does not require an experienced person to attach or to handle. Anyone can easily handle and operate it. Shallow water will be found no hindrance in the use of the Williams Portable Boat Motor since 9 or 10 inches of water is sufficient. This will enable you to make trips in shallow water and it is sufficiently strong enough to pull several rowboats attached for special fishing trips. Williams Portable Boat Motor makes but little noise running and a better engine for fishing or hunting could not be produced. When used for hunting, it will take you to your destination quickly and quietly. Little expense and no annoyance connected with the use of this motor. It will take you any place that you want to go at the rate of 3 to 10 miles an hour. Our motor is complete, including rudder and steering equipment. Cylinders are cast from special grade of gray cast iron, ground to a mirror finish. Pistons fit cylinder perfectly. Pistons are made and ground with lapped joints which prevent loss of compression. Crank case and connecting rod are made of bronze bearing metal. Crank shaft is a drop-forging ground. Propeller is made of bronze and is of the woodless type. All parts that come in contact with the water are of bronze, so all Williams Portable Boat Motors are suitable for salt water. Motor develops 2 horse power reversible and starts with a quarter turn of the fly wheel. Shipping weight, complete, 50 pounds. Shipped from factory.

### LIBERAL FIVE-YEAR GUARANTEE

We guarantee every Williams Portable Boat Motor to be made of the highest grades of material by skilled workmen. Should any parts prove defective, due to defective material or workmanship or any other cause except from ordinary wear and tear, abuse or neglect, we will replace it, free of charge, at any time within five years from date of purchase. Free of all expense and charges prepaid. **288920** Price, complete as illustrated **\$63.00**



**DON'T GO ROWING  
GO FERROWING**



**It Gets  
You There and  
Brings You Back**

That's the most desirable feature of any rowboat motor—*reliability*. Pretty paint and nice sounding phrases may attract you, but they don't propel your boat.

When you buy a FERRO you get a perfect little marine engine, designed and built by an organization already world-famous for its motors. The FERRO is not an experiment, but the outcome of many years of experience and exhaustive research in the marine engine field. It combines every good point of other rowboat motors with more unique features, such as the Bosch Reversible Waterproof Magneto, Bosch Shock-proof and Waterproof Spark Plug, and genuine float-feed carburetor. Simple and sturdy in construction, economical in operation, and most reliable in constant service, the FERRO Rowboat Motor will prove itself worthy of every claim.

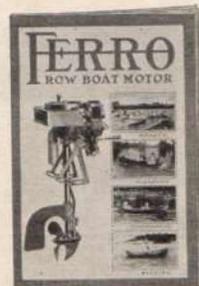
If you are a live wire, you'll find our dealer proposition most attractive and remunerative. Check coupon if you're interested.



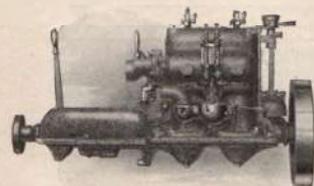
**\$85**

Equipped with Bosch Reversible Waterproof Magneto and Spark Plug.

(\$65 with Waterproof Coil and Battery Ignition.)



There's most convincing information in our Catalog No. 110. Write for it at once.



6 H.P. "Special" Ferro Marine Engine

**FERRO Marine Engines**

A most complete line of high-grade marine gasoline engines, designed and made in a plant where every detail from the selection of the material best adapted to each part, to the perfect control of every process in their manufacture, is carefully studied with a view to producing engines that will meet the tests of the most severe service, require the least knowledge to operate and give the least trouble mechanically.

That is why FERRO engines are universally used and recommended for consistent and dependable performance. Our marine engine catalog fully illustrates and describes each motor.

**Check this coupon and mail it today.  
It will bring you information that is  
both interesting and valuable.** ➔

**THE FERRO MACHINE & FOUNDRY CO.**

*Largest Makers of Marine Engines*

710 Hubbard Avenue

Cleveland, Ohio, U. S. A.

Send me at once the books I have checked:

- User's Catalog of Ferro Row Boat Motor
- Dealer's Catalog of Ferro Row Boat Motor
- Complete Catalog of Ferro Marine Engines

Name.....

Address.....

Town..... State.....

# L-A ROWBOAT MOTOR

**\$54.75**

**Direct from  
Factory to  
User**

**Ready to Ship  
to You To-day**

Right now is the time to enjoy the sport of motor boating, with this powerful little engine. Write or wire us today—our expense—and inside of 24 hours, your L-A Rowboat Motor will be on the way to you, ready for instant service on lake, river, or bay.

Hundreds of Lockwood-Ash owners have told us how pleased they are with this new model. Hundreds more are ordering from day to day. Every one sold under our 30-day free trial offer, which protects you against the slightest possibility of dissatisfaction. Could any but a reliable motor be sold under this plan?

**One Size—One Style—One Price**

See if you can beat this anywhere for serviceability, warranty and price. Lighter than many rowboat motors—fully as light as is consistent with durability; weight 60 lbs., as shown. May be attached to any rowboat in two minutes. Reversible engine. Speeds up to 8 miles an hour, or slow enough to troll. Silent muffler. Steers with a rudder. Tiller very responsive and requires no strenuous muscular effort to steer. All under-water parts of bronze; no corrosion from salt water. Magneto, if desired, at slight extra cost.

### **Our 30-Day Free Trial Offer**

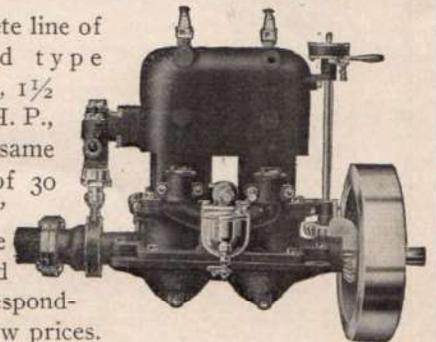
Like all L-A Motors, we will ship this L-A Rowboat Motor, freight paid, to any part of the United States, for 30 days' free trial, no sale unless you are satisfied.

Send for special L-A Rowboat Motor book describing this model in detail.

**Lockwood-Ash Motor Co.**  
732 Horton Avenue, JACKSON, MICHIGAN

**6 H.P. 2 Cylinder** with complete boat fittings **\$89.50**

Complete line of standard type engines, 1½ to 12 H. P., sold on same terms of 30 days' free trial and at correspondingly low prices.



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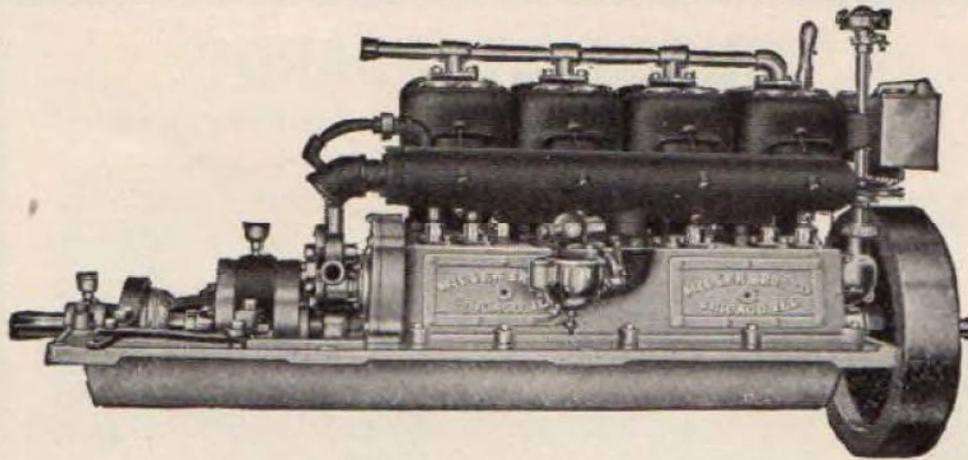
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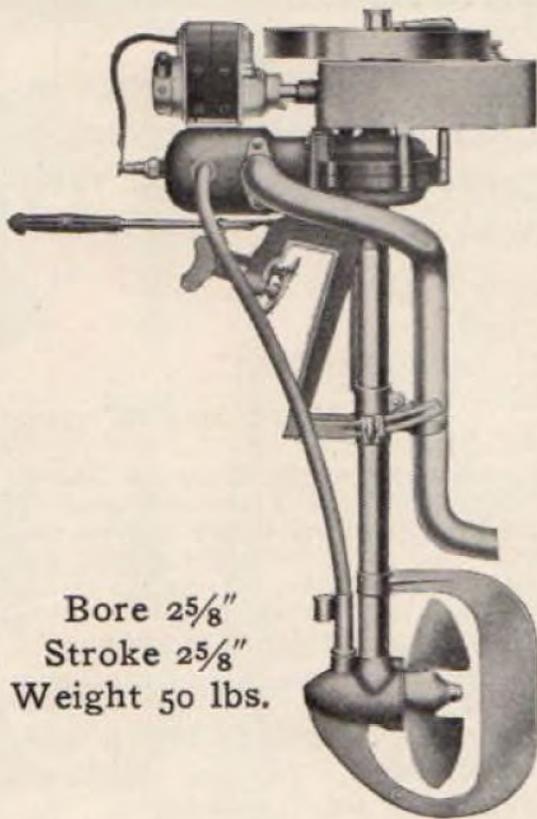
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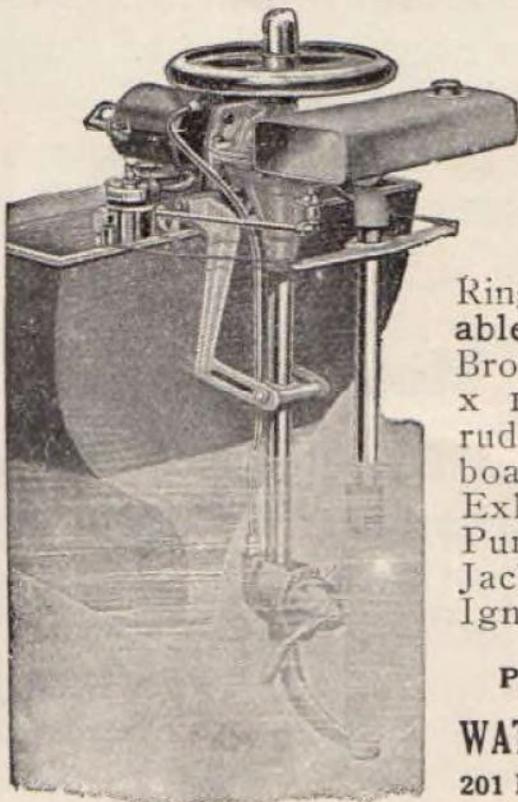
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