

# IT'S A TWIN!

Antique Boat Museum

*Johnson*



*Announcing*

THE WORLD'S FIRST BANTAM WEIGHT ALTERNATE FIRING  
TWIN... WITH TYPICAL SEA-HORSE REFINEMENTS  
THROUGHOUT INCLUDING REVERSE, 360° STEERING  
AND UNDERWATER EXHAUST... AND PRICED, F.O.B.  
FACTORY, AT ONLY . . . . . **\$79.50**

DESIGNED AND BUILT EXCLUSIVELY BY JOHNSON MOTORS



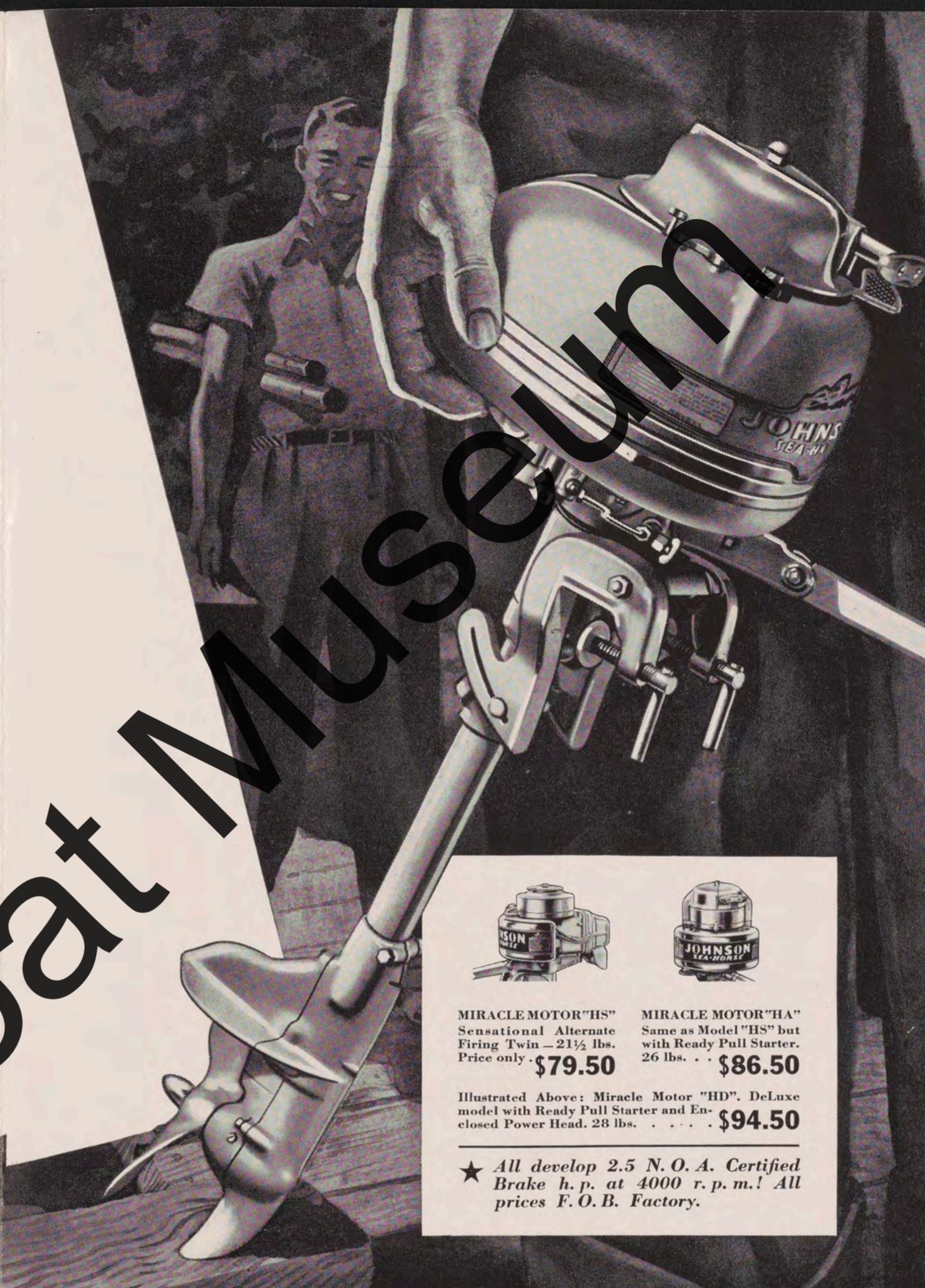
# JOHNSON'S NEW MIRACLE MOTOR

WORLD'S SMALLEST ALTERNATE FIRING TWIN!

Only 21½ pounds . . .  
Underwater Exhaust  
Reverse . . . 2.5 h. p.\*

WITH SYNCHRO CONTROL, PATENTED CO-PILOT,  
DUAL INTAKE, ALOK TREATMENT (CORROSION  
RESISTANT) AND 12 OTHER BIG FEATURES!

FOR ONLY  
**\$79.50**  
F.O.B.  
FACTORY



MIRACLE MOTOR "HS" Sensational Alternate Firing Twin - 21½ lbs. Price only . . . <b>\$79.50</b>	MIRACLE MOTOR "HA" Same as Model "HS" but with Ready Pull Starter. 26 lbs. . . . <b>\$86.50</b>
Illustrated Above: Miracle Motor "HD", DeLuxe model with Ready Pull Starter and En- closed Power Head, 28 lbs. . . . <b>\$94.50</b>	
★ All develop 2.5 N. O. A. Certified Brake h. p. at 4000 r. p. m.! All prices F. O. B. Factory.	

## REMEMBER! JOHNSON HAS "ALL THREE"!

**1 PERFECTED ALTERNATE FIRING:** Different. Better. Perfected through ten years of costly development. Makes Sea-Horse smoothness the Gold Standard of outboard motor performance. Contributes also to easier starting, quieter running.

**2 REVERSE:** Back your boat away from the dock or off the beach; swing on a pivot. Drive in any direction with 360° Steering. Stop quick!—when your fish strikes or you snag your line. It's a joy to handle a boat when you've got Johnson's Instant Instant Reverse!

**3 UNDERWATER EXHAUST:** Quiet! With underwater exhaust as built by Johnson, exhaust gases are carried away under the water—gone with the waves. Not an attachment, but *built-in*. (Note Johnson's famous Single Shaft construction.)



## ALL THIS IN THE NEW MIRACLE MOTOR!

Perfected Alternate Firing . . . 360° Steering and Reverse . . . Built-in Underwater Exhaust . . . Synchro-Control (spark and throttle co-ordinated in one lever) . . . Patented Co-Pilot (takes hold of the motor when you let go) . . . Dual Intake (third port and rotary valve for perfect high and low speed operation) . . . Alok Treatment (laughs at salt water) . . . Positive Plunger Pump Cooling . . . Sealed Gear Case . . . and more! Write for 1939 Handy Chart for full details on this and other models!

JOHNSON MOTORS, 2000 Pershing Road, WAUKEGAN, ILLINOIS

**JOHNSON** Sea-horse  
OUTBOARD MOTORS

## HERE'S PERFECTED ALTERNATE FIRING

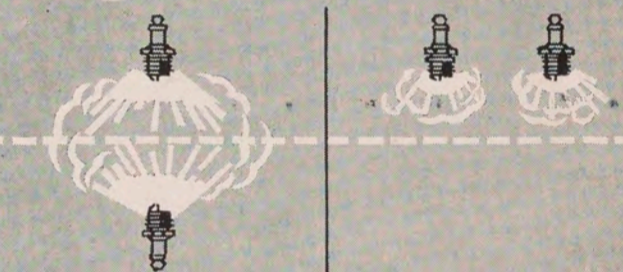
Only Johnson gives you *perfected* alternate firing—the result of costly development and ten years experience in building this type of motor. There's a difference!

## SMOOTHER



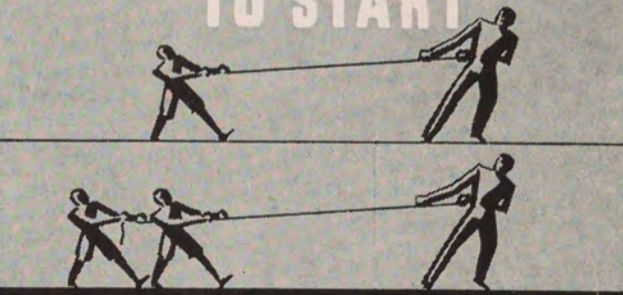
Which wheel is smoother? Alternate Firing rounds the corners off of power impulses—smooths them out—gives you two power impulses per revolution in place of one—8000 per minute in place of 4000!

## QUIETER



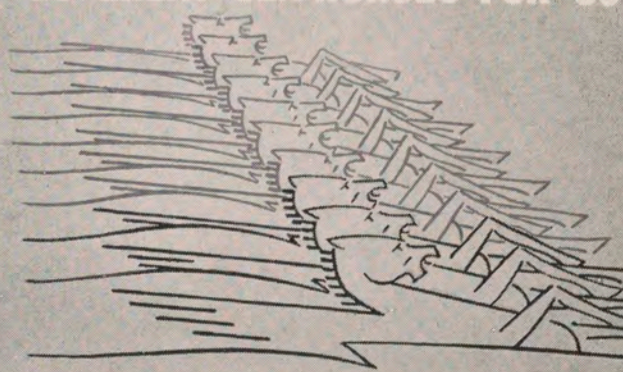
Cylinders fire *alternately*, not simultaneously. Like firing two shots in quick succession instead of letting go with both barrels at once. Cuts each discharge of exhaust gases in half. Quieter running.

## AND EASIER TO START

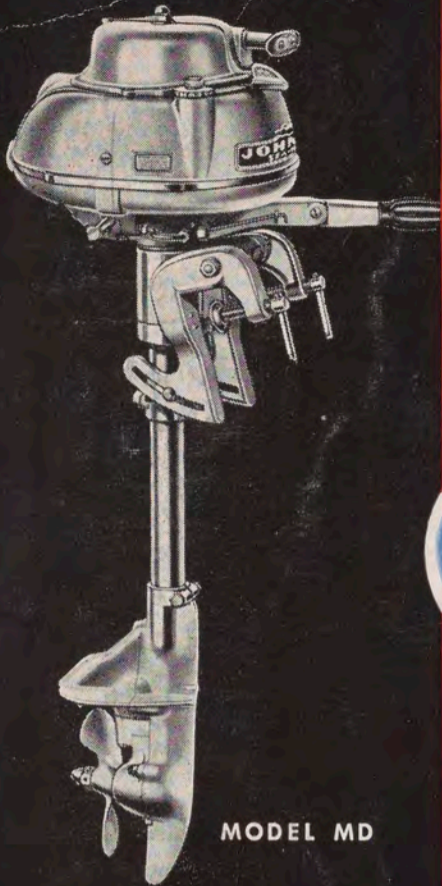


You pull against the compression of only one cylinder at a time, not against the compression of both cylinders. This lighter load makes an easier pull. Spark is almost doubled in the active cylinder—for a *sure* start.

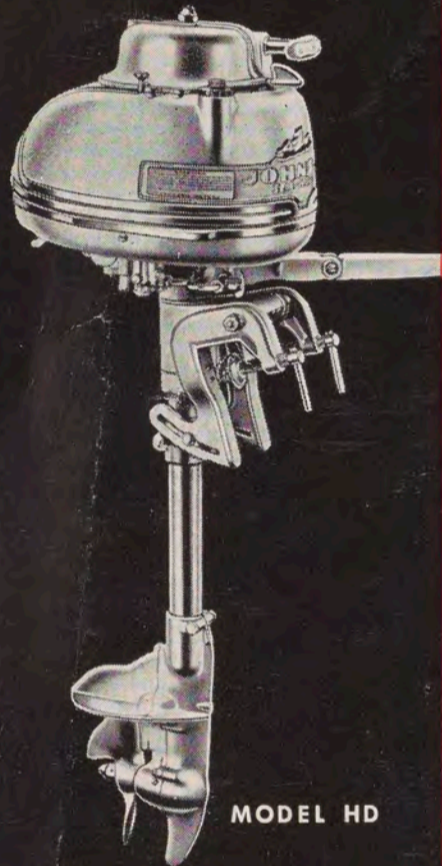
## 10 GREAT SEA-HORSES FOR '39



SEE NEXT PAGE . . .



MODEL MD



MODEL HD



MODEL DT

AS LOW AS  
**\$49<sup>50</sup>**  
 F.O.B. FACTORY

**T**HERE is only a few dollars difference between the cheapest outboard ever built and a **DEPENDable** Johnson model, with all Johnson's exclusive features. And even such difference is eventually turned back to you in trade-in values alone! If price is your principal consideration you can get a genuine Johnson for as little as \$49.50!

**BANTAM WEIGHT SINGLES**

**MODEL MS** — Quality features throughout, including Built-in Underwater Exhaust, 360° Steering and REVERSE. 17 lbs. 1.1 N.O.A. Certified Brake h.p. at 4000 r.p.m. Only . **\$49.50**

**MODEL MD** — A little gem with Ready Pull Starter and Integral Streamlined Power Head. 21 lbs. 1.1 N.O.A. Certified Brake h.p. at 4000 r.p.m. Only **\$62.50**

**BANTAM WEIGHT TWINS**

**MODEL HS** — The new Miracle Motor. A small edition alternate firing TWIN, developing 2.5 N.O.A. Certified Brake h.p. at 4000 r.p.m., including Johnson's famous features, weighing only 21½ lbs., priced only **\$79.50**

**MODEL HA** — The new Miracle Motor with the famous Johnson Ready Pull Starter. **\$86.50**

**MODEL HD** — A deluxe model of the new Miracle Motor with oversize cast aluminum gas tank, Ready Pull Starter and Streamlined Enclosed Power Head. Price . . . . . **\$94.50**

**LIGHT WEIGHT TWINS**

**MODEL LT** — The famous all-around alternate firing twin. Further improved. Lighter. More powerful! Faster pick up. 33½ lbs. 5.0 N.O.A. Certified Brake h.p. at 4000 r.p.m. **\$109.50**

**MODEL AT** — The alternate firing Light Twin equipped with Ready Pull Starter. . **\$117.50**

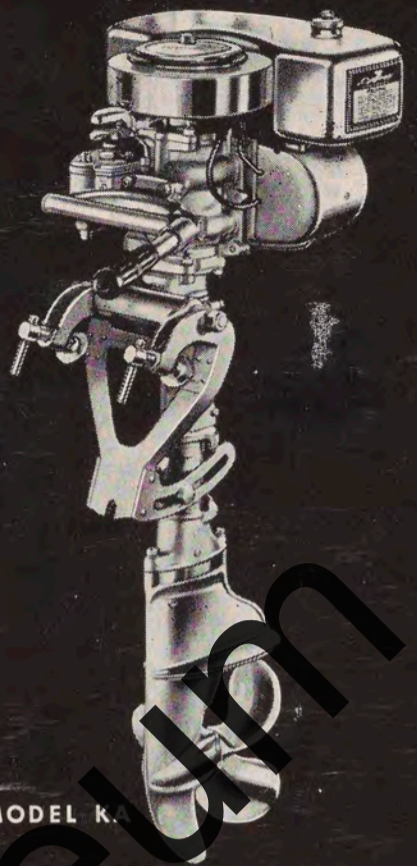
**MODEL DT** — A deluxe model of the alternate firing Light Twin with oversize cast aluminum gas tank, Ready Pull Starter and Streamlined Enclosed Power Head. Price . . . **\$129.50**

**HIGH POWER TWINS**

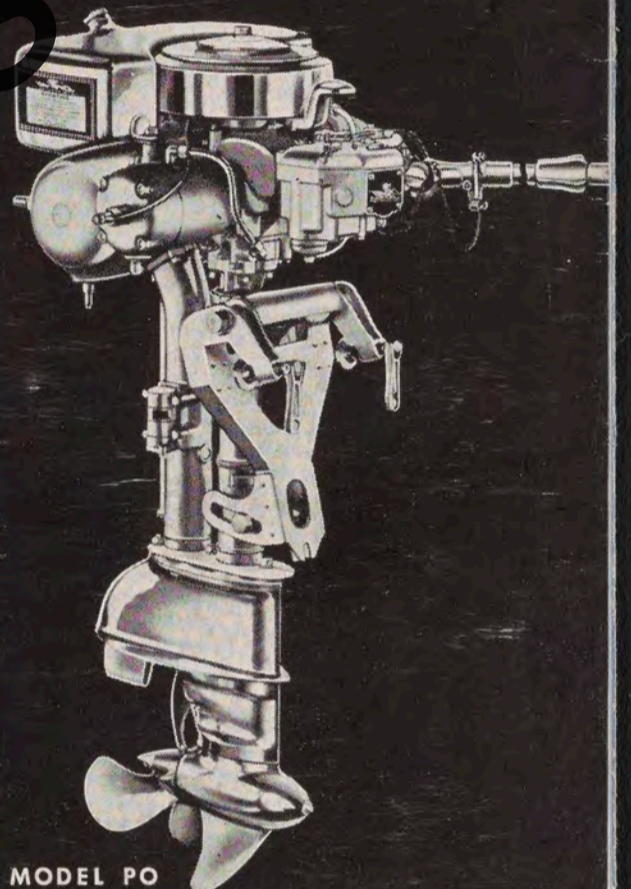
**MODEL KA** — Johnson's big alternate firing twin. Develops 9.8 N.O.A. Certified Brake h.p. at 4000 r.p.m. to give express speeds to fine boats. **\$177.50**

**MODEL PO** — Johnson's super powered, opposed cylinder twin, developing 22.0 N.O.A. Certified Brake h.p. at 4000 r.p.m. A brilliant motor for fastest speeds and heaviest loads. Price **\$269.50**

**TRUE RATINGS** — All ratings are N.O.A. Certified Brake Horse Power Ratings established by National Outboard Association test. Always look for N.O.A. ratings. ALL PRICES F. O. B. FACTORY

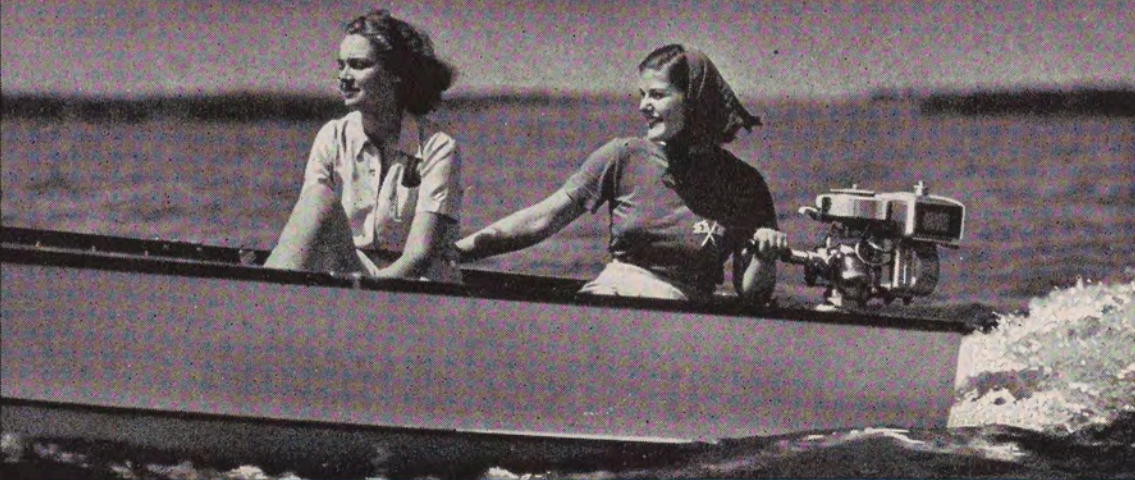


MODEL KA



MODEL PO

**BUY JOHNSON DEPENDability!**



**FREE HANDY CHART**

Write today for the new 1939 Sea-Horse Handy Chart of motor sizes and specifications. Shows you at a glance what to look for in outboard motors.

**JOHNSON MOTORS**  
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 Johnson Motors of Canada,  
 Peterboro, Can.

