

POWER
FOR
"MUSTANG"
Mustang
MARINE DIESELS



Bomac

marine power corp.

1988 12HP

201 S.W. 32nd STREET • FORT LAUDERDALE, FLORIDA 33304

(800) 994-2600
Fax
(800) 994-2600



Mustang

MARINE DIESELS

FORD 88D 4 CYLINDER - 3 MODELS
85 to 107 Horse Power



MODEL 88D

Standard Assembly
Included:

LOWEED: Free Exchange, Manifold & Expansion
Tank, Stainless Steel Water Tubing with Seacock Shut
Off Valve, Built-in Oil Draining Pump with Sight G/L Filter.

- Fresh Water
- Cooling Pump
- Fuel Thermostat
- Fuel Shut-off
- Water Separator
- Fuel Engine and
Transmission
Oil Cooler
- Sea Strain
- Sea Water Flushing
- Low Profile
- Air Cleaner
- Oil Injection Pump
- 24" x 40" Bell Housing

TYPE 4-CYLINDER 4 CYLINDER
OPERATING CYCLE 4
BORE/STROKE 4.47" x 4.47"
DISPLACEMENT 106 CC (6.4 LITERS)

| | | |
|-------------|--------|--------|
| MAX. RPM | 4000 | 4000 |
| COMPRESSION | 16.2:1 | 16.2:1 |

| | | |
|------------|-----|-----|
| MAX. HP | 85 | 107 |
| MAX TORQUE | 275 | 275 |

Oil Capacity 6 Quarts
ELECTRICAL 12 VDC
SPEED/TON 10 MPH
WEIGHT approx. 600



MODEL 88D



Like other Ford
Generators, our
Generators are
Specialists.

Mustang

MARINE DIESELS

HEAVY DUTY DIESEL POWERED 30 K.W. MARINE GENERATOR SET

MULTI VOLTAGE

120/240/480

60 HZ @ 1800 R.P.M./

60 HZ @ 1800 R.P.M.

12 LEAD RECONNECTABLE WITH
PROBLESS ELECTRICAL GENERATION

SINGLE OR THREE PHASE

**"FOR THE EXPERIENCED
WORK BOAT,
POWER OR SALOONMAN"**



THE MUSTANG DIESEL UNIT INCLUDES THESE STANDARD FEATURES:

| | | |
|---------------------------|-------|-----------------|
| Fast Starting | | 4 Speed Spring |
| Emergency Control | | |
| Generator | | 400/480 |
| Alternator | | 240/200/120/110 |
| Compressor | | 100/110 |
| Water Pump | | 100/110 |
| Water Control at 1800 RPM | | 100/110 |
| Automatic Lubrication | | |
| Oil and Fuel Consumption | | |
| Overload | | |
| Overheating Pump | | |
| Control | | |
| Control Panel | | |
| Control System | | |
| Starting Motor | | |
| Control Voltage | | |
| Control Terminal | | |
| Water Pump | | |
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COOLING

Water Pump Water Cooling System (Optional) and
Automatic Temperature and Pressure Switch and
Water Control Compressor. Generator with a Water Control
and Water Pump. One Temperature Control Thermostat
& Water Control (Optional) Water Pump.

AUXILIARY POWER TAKE-OFF

Engine (Optional) An Auxiliary Power Take-Off for
Auxiliary Power. See ... WSP Aux. Load HZ

INSTALLATION

Mounting Panel and Base, Water Pump, Oil Pressure, Water
Temperature, Oil, Air, Water, and Oil-Water Separator

SAFETY EQUIPMENT

Oil One Pressure and Oil
Water High Temperature Shut-Down

Two 200/240/280 Volt - Mustang Unit

Regeneration

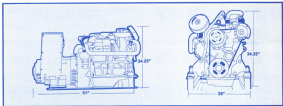
GENERATOR SPECIFICATIONS

Manufactured in the U.S.A.

TYPE SER: Brushless 12 lead re-connectable synchronous alternator, 4 pole, 60 Hertz, rotating field, rotating exciter, single width double shielded type ball bearing, flexible disc drive, under speed protection, EM filtering, over excitation shutdown, totally enclosed for moisture protection with class F-H insulation.

OUTPUT at 1800 RPM, 40°C ambient, 3 phase 0.8 Power Factor: 31KW, NEMA continuous duty at 105°C rise; 34KW, NEMA standby (intermittent) duty.

This generator is manufactured to applicable NEMA, IEC, CSA and British Standards with American Bureau of Shipping, Bureau Veritas, and Lloyd's requirements readily accommodated.



MUSTANG MARINE ENGINES

MUSTANG MARINE ENGINES utilize the tried and proven FORD based B50 DIESEL ENGINE for the hauler, pleasure cruiser, sailing auxiliary and workboat owner/operator.

These engines are world renowned for continuous operational service in marine, industrial and agricultural applications. Ford parts availability and service support is excellent in Europe, United States, Canada, and South America.

Lack of **maintenance, overheating, or loss of oil** are the single most causes for destruction of Marine diesel engines. Mustang engineering provides **easy periodic maintenance** through a built-in oil change pump, encasing oil changes and lessening lift/lower stress. Maximum oil capacity is increased in a CAST IRON oil pan, thus providing a safety measure from loss of oil due to **bilge water corrosion** of the usual **aluminum pan**, or oil consumption during prolonged, continuous, day and night, heavy duty operation.

Fresh water engine cooling incorporates an UNFETTERED Expansion Tank, Heat Exchanger and Exhaust Manifold—eliminating potential engine overheating through failure of any one of a number of hoses, clamps, etc.

Water hoses are a standard straight off-the-shelf item, connecting to seamless **Stainless Steel Welded Tubing**, completely eliminating any special sized or intricate molded hoses.

Incorporated are the absolute minimum in **specialized hard to get marine parts**, providing for quick, inexpensive re-placement throughout the world. Each engine is complete with a water injected **STAINLESS STEEL EXHAUST DOWN**, crankcase oil cooler, and with the low 18.3:1 compression ratio provides a much longer, satisfactory unit life.

Mustang Engines, with World-Wide Ford parts availability, are an excellent choice for **HEAVY-DUTY applications**.

Prices and Specifications Subject To Change Without Notice

Mustang
MARINE DIESELS

Contact your Mustang Representative

or call/write



FORD Mustang

MARINE DIESELS

FORD 850 6 CYLINDER - 5 MODELS
140 to 205 Horse Power



Model 850

ENGINE SPECIFICATIONS

TYPE IN-LINE 6-CYLINDER

OPERATING CYCLE 4

BORE/STROKE 4.4" x 4.4"

DISPLACEMENT 40 CID (66 LITERS)

| MODEL | 850 | 852 | 853 |
|-------------|--------|--------|--------|
| COMPRESSION | 16.2:1 | 16.7:1 | 16.8:1 |

| | | | |
|------------|-----|-----|-----|
| MAX HP* | 140 | 155 | 205 |
| MAX TORQUE | 84 | 95 | 127 |

oil capacity 20 Quarts

WATER PUMP 12 VDC

WATER INJECTION 10 GPM

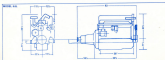
WARRANTY 3 Years / 500

Standard Assembly

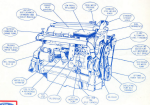
Includes:

LAUNCHER, Heat Exchanger, Manifold & Expansion Tank, Stainless Steel Water Trough with Drainage, Hood (with built-in Water Pump controller) and Vent, four independent belt drives to Crankshaft, Ford.

- Dual Thermostat
- Dual Fuel and Water Separator
- Dual Engine and Trans. Cooler Oil Cooler
- Gear Drive
- Sea Water Pump
- Low Profile
- Air Cooler
- CAP Injection Pump
- 1000 cc Belt Housing



The 6 Cylinder Normally Aspirated Model is an Up-Grade Replacement for the older LEHMAN FORDS, and incorporates these Features



Worthing Machine produces the tried and proven FORD 6540 DIESEL ENGINE

for the Tractor, Plough, Grader, Logging Auxiliary and Workload Owner/Operator

These engines are world-renowned for continuous operations service in marine, industrial/agricultural operations. Field parts availability and service support is available in Europe, United States, Canada, and South America.

Tests of maintenance requirements on type "Y" of the single model engine for destruction of Marine Diesel engine. Working requirements include periodic maintenance through a built-in exchange pump, incorporating oil change and bearing lubrication. All capacity increased tests in a 2000 psi in a CAST IRON oil pan, incorporating a safety bearing hood. Oil or window components while overall diameter part of an incorporation during processing, minimum dry and light duty operation.

Fixed water engine cooling incorporated dual fans and a UNIFIED Separator Tank, Heat Exchanger and Submersible - increasing potential engine cooling/throughput. Also, a built-in Fuel, Diesel oil.

Flow features standard design of the shaftless, connecting to various Marine Diesel/Water Filling. In tests are standard test, completely eliminating any special test or increase in test time.

In addition, the circulating water pump is operated by two (2) standard "Y" shafts with two (2) independent dies, providing a more standard duty design in case of failure of the usual single shaft and consequent engine destruction.

Incorporated are the absolute minimum in specialized hard-to-get marine parts, providing for quick, responsive replacement throughout the world.