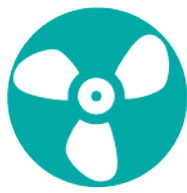


# MARLIN

Lynch Electric Single Marine Drive System



**MARINE**  
ELECTRIC PROPULSION SYSTEMS



## KEY FEATURES:

- ✓ **10-50HP (5 / 8 / 10 / 13kW )**
- ✓ **5 / 8 / 10 /13 kW Output.**
- ✓ **48v input & 72v input.**
- ✓ **Light weight - Only 21KG.**
- ✓ **Consistent Reliability.**
- ✓ **Quiet and efficient.**
- ✓ **Easy to install and use.**
- ✓ **Belt Tensioning**
- ✓ **Suited to a range of vessels**

from pleasure craft, canal boats, narrow boats and barges.

**ELECTRIC MOTORS THAT WON'T  
LET YOU DOWN.**



**"READY TO GO WHEN YOU ARE."**



## REASONS TO SWITCH TO ELECTRIC

### RELIABLE

ELECTRIC MOTOR STARTS EVERY TIME WITH A TURN OF THE KEY, ADJUST THE THROTTLE AND GO.

### LOW FUEL COSTS

RECHARGE BATTERIES WHILST UNDER SAIL OR VIA SOLAR OR WIND.

### EASY INSTALL

1 DAY INSTALL. NO HEAVY LIFTING. EASY TO ALIGN. 'PLUG AND GO' SYSTEM.

### POWERFUL

**10-50HP (5 / 8 / 13 Kw)**  
IMMEDIATE POWER.  
NO PRE-HEATING. EASY & ACCURATE TO MANOEUVRE.

### ECO FRIENDLY

QUIET AND CLEAN.  
NO EXHAUST FUMES.  
CLEAN ENGINE ROOM.  
PEACEFUL AND TRANQUIL.  
NO POLLUTION.  
PLEASANT ENVIRONMENT.

SUITED FOR EMISSION RESTRICTED WATERWAYS.

### LIGHT WEIGHT

UP TO 10 X LIGHTER THAN TRADITIONAL ENGINES.  
JUST 21KG + CONTROL BOXES.

IMPROVED CONTROL.  
ENHANCED STEERING.  
EXCELLENT POWER TO WEIGHT RATIO.  
DISTRIBUTE BATTERIES FOR BETTER WEIGHT OPTIMISATION.



Canal River Lake Sea

### LOW MAINTENANCE COSTS

VISUAL CHECKS OF BRUSHES AND DRIVE BELTS. BELTS LAST 3000 HOURS, BRUSHES 7000 HOURS. INEXPENSIVE TO REPLACE.

# MARLIN

## Lynch Electric Single Marine Drive System

### ALL LYNCH MARINE DRIVE SYSTEMS INCLUDE:

- ✓ ELECTRIC DC MOTOR
- ✓ CONTROLLER ASSEMBLY
- ✓ DISPLAY
- ✓ LEADS AND INSTALLATION MANUAL
- ✓ THROTTLE
- ✓ MOTOR FRAME / DIRECT DRIVE & GEARING ASSEMBLY

**2 YEAR**  
EXTENDABLE  
WARRANTY

TECHNICAL SPECIFICATIONS	MARLIN 5 SINGLE	MARLIN 8 SINGLE	MARLIN 10 SINGLE	MARLIN 13 SINGLE
REPLACEMENT ENGINE SIZE	10 - 20 HP	17-25 HP	25-35 HP	35-50 HP
SIZE PLEASURE / NARROWBOAT, BARGE, CANAL	20-30FT / <40FT	28-35FT / 35-60FT	35 - 60FT	35-60FT / 60FT <small>+ See Swordfish</small>
MOTOR SIZE	LEM 200-D135	LEM 200-D135	LEM 200-95	LEM 200-D135
VOLTAGE	48V	48V	48V	72V DC
CURRENT	140 Amp	180 Amp	220 Amp	200 Amp
POWER OUTPUT	5 KW	8 KW	10 KW	13 KW
AVERAGE EFFICIENCY	90%	90%	88%	90%
BATTERY RECHARGE FUNCTION	YES	YES	YES	YES
RATED SPEED ENGINE	2160 RPM	2160 RPM	3500 RPM	3240 RPM
RATED TORQUE	18 Nm	26 Nm	24 Nm	36 Nm
SPEED CONSTANT	45 RPM/V	45 RPM/V	81RPM/V	45 RPM/V
PEAK CURRENT	350 Amp	350 Amp	400 Amp	400 Amp
PEAK POWER	14 KW	14 KW	20 KW	26 KW
PEAK TORQUE	38 Nm	44 Nm	52 Nm	72 Nm
REDUCTION GEARING STANDARD	22 : 48	22 : 48	22 : 72	22 : 56
REDUCTION GEARING OPTIONS	22 : 56 AND 22 : 72	22 : 56 AND 22 : 72	22 : 90	22 : 72 AND 22 : 90
STANDARD RPM PROPELLER SHAFT	1020 RPM	1020 RPM	1100 RPM	1270 RPM
OPTIONAL RPM PROPELLER SHAFT	848 RPM	848 RPM	875 RPM	990 RPM
OPTIONAL RPM PROPELLER SHAFT	660 RPM	660 RPM	—	790 RPM
WEIGHT OF MOTOR AND FRAME	21 KG	21 KG	21 KG	21 KG
WEIGHT OF MOTOR CONTROL BOX	MEDIUM 14 KG	MEDIUM 14 KG	18 KG LARGE BOX	18 KG LARGE BOX

### OPTIONS FOR DISPLAY AND THROTTLE - REMOTE STEERING

#### BASIC DISPLAY



System ON/OFF and direction switches with battery. Stainless steel backplate.

#### BMV 700 INTELLIGENT DISPLAY



Key ignition with voltage, battery capacity and available range. \*Now with stainless steel backplate.

#### SIGMA DISPLAY



Key ignition with battery capacity levels, throttle settings and programme codes for controller.

#### ZF THROTTLE

Neutral with forward and reverse only.



#### STANDARD THROTTLE



One direction setting or neutral position with forward and reverse. Can be top or side mounted.

### CONTROLLER ASSEMBLY

#### CONTROLLER BOX SIZES

##### MEDIUM

#### DIMENSIONS (MM)

A	B	C
362.45	410	156.53



### CONTACT US



Generating  
Movement  
Efficiently

WWW.LYNCHMOTORS.CO.UK

#### LYNCH MOTOR COMPANY LTD

UNIT 4, FLIGHTWAY BUSINESS PARK,  
DUNKESWELL, HONITON, DEVON. UK. EX14 4RD

TEL: 0044 (0)1404 892940

EMAIL: INFO@LYNCHMOTORS.CO.UK

### OFFICIAL DISTRIBUTOR

Technology Options Performance Solutions  
23 rue Jean-Jacques Rousseau  
F-75001 PARIS (France)  
Tel.: +33 (0)1 42 51 79 83  
Website : www.tops-intl.com