



LMC Marine Drive Systems

One of the most important factors for any boat user has to be the general day to day operating costs. Fuel is one the most costly components and, as we all suspect, is one that will continue to increase. Along with this, the costs of servicing the internal combustion engine and many of its parts that will require replacing over time, will again add to this expense.

Look at the **benefits** of our **electric drives** and compare for yourself:

Very low running cost

Option to charge batteries whilst under sail (free energy)

Low maintenance

Simple installation

No fumes

No pollution

No smells

- **LMC** has over 20 year's knowledge of designing and supplying electric drive systems for a whole range of applications.
- The running cost of an electric drive system is far lower than the cost of petrol or diesel.
- A major added benefit is the safety of the low voltage electrical system and when offered for public use in hire boats makes electric drives **the sensible choice for the 21st century**.

Below is just an example of some of the marine drives we have supplied over the years:



- Narrow boats
- Canal barge
- House boats
- Hire boats
- Sailing boats
- Racing yachts
- Royal Row barge





LMC Yellowtail 2.5 Direct Marine Drive System

Overview:

The Yellowtail Marine Drive System from LMC is an inboard direct drive which is suitable for a range of vessels, from small day boats to sailing crafts, catamarans, etc.

Yellowtail



Technical Specifications:

Motor Type	LEM 200-127	Peak Power	6 KW
Voltage	24 V	Peak Torque	35 Nm
Current	110 Amp	Reduction Gearing Standard	n/a
Power Output	2.5 KW	Reduction Gearing Options	n/a
Average Efficiency	88%	Standard RPM Propeller Shaft	1290 RPM
Battery Recharge Function	NO	Optional RPM Propeller Shaft	n/a
Rated Speed Engine	1290 RPM	Weight of Motor and Console	14 kg
Rated Torque	16 Nm	Weight of Motor Control Box	8 kg
Speed Constant	54 RPM/V	Recommended Boat Size	15-25 foot
Peak Current	250 Amp		

Pricing:

Please contact us for our current prices.

The standard price will include the Motor, Controller, Ignition Switch, Throttle and Display. However, other pricing options are available depending upon your requirements.

All Yellowtail Drive Systems come with a 2 year warranty and full technical support from our team, plus a complete installation and wiring diagram.

We recommend you service your marine drive system every 12 months minimum - we have spares available from stock.



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Yellowtail

LMC Marlin Single Drive System

Overview:

The Marlin Drive Systems from LMC are suitable for a whole range of vessels: canal broad beam barge; sailing boats; catamarans; pleasure crafts; etc.



Technical Specifications:

	Marlin 5 Single	Marlin 8 Single	Marlin 13 Single
Motor Type	LEM 200-127	LEM 200-D135	LEM 200-D135
Voltage	48V	48V	72V DC
Current	140Amp	180 Amp	200 Amp
Power Output	5 KW	8 KW	13 KW
Average Efficiency	88%	90%	90%
Battery Recharge Function	YES	YES	YES
Rated Speed Engine	2880 RPM	2160 RPM	3240RPM
Rated Torque	18 Nm	36 Nm	36 Nm
Speed Constant	68 RPM/V	45 RPM/V	45 RPM/V
Peak Current	350 Amp	350 Amp	400 Amp
Peak Power	10 KW	14 KW	26 KW
Peak Torque	38 Nm	44 Nm	72 Nm
Reduction Gearing Standard	22:48	22:48	22:56
Reduction Gearing Options	22:56 & 22:72	22:56 & 22:72	22:72 & 22:90
Standard RPM Propeller Shaft	1495 RPM	990 RPM	864 RPM
Optional RPM Propeller Shaft	1282 RPM	848 RPM	990 RPM
Optional RPM Propeller Shaft	997 RPM	660 RPM	790 RPM
Weight of Motor and Console	14 KG	14 KG	15 KG
Weight of Motor Control Box	13 KG	13 KG	15 KG
Recommended Boat Size	20 – 30 Foot	25 – 35 Foot	35 – 45 Foot

PRICING:

Please contact us for our current prices.

The standard price will include the Motor, Controller, Ignition Switch, Throttle and Display. However, other pricing options are available depending upon your requirements.

All Marlin Drive Systems come with a 2 year warranty and full technical support from our team, plus a complete installation and wiring diagram.

We recommend you service your marine drive system every 12 months minimum - we have spares available from stock.

Marlin



LMC Swordfish Twin Drive System

Overview:

The Swordfish Drive Systems from LMC are suitable for a whole range of vessels: canal broad beam barge; sailing boats; catamarans; pleasure crafts; etc.



Technical Specifications:

	Swordfish 16 V Twin	Swordfish 26 V Twin
Motor Type	LEM 200-D135	LEM 200-D135
Voltage	48 V DC	72 V DC
Current	180 Amp	200 Amp
Power Output	16 KW	26 KW
Average Efficiency	90%	90%
Battery Recharge Function	YES	YES
Rated Speed Engine	2160 RPM	3240 RPM
Rated Torque	72 Nm	72 Nm
Speed Constant	45 RPM/V	45 RPM/V
Peak Current	350 Amp	400 Amp
Peak Power	30 KW	53 KW
Peak Torque	144 Nm	144 Nm
Reduction Gearing Standard	22:56	25:56:00
Reduction Gearing Options	22:72 and 22:90	22:72 & 22:90
Standard RPM Propeller Shaft	864 RPM	1290 RPM
Optional RPM Propeller Shaft	660 RMP	990 RPM
Optional RPM Propeller Shaft	540 RPM	810 RPM
Weight of Motor and Console	30 KG	30 KG
Weight of Motor Control Box	26 KG	30 KG
Recommended Boat Size	40 – 70 Foot	60 – 80 Foot

Pricing:

Please contact us for our current prices.

The standard price will include the Motor, Controller, Ignition Switch, Throttle and Display. However, other pricing options are available depending upon your requirements. All Swordfish Drive Systems come with a 2 year warranty and full technical support from our team, plus a complete installation and wiring diagram.

We recommend you service your marine drive system every 12 months minimum - we have spares available from stock.

