

## Electric Tunnel Thrusters CT 125

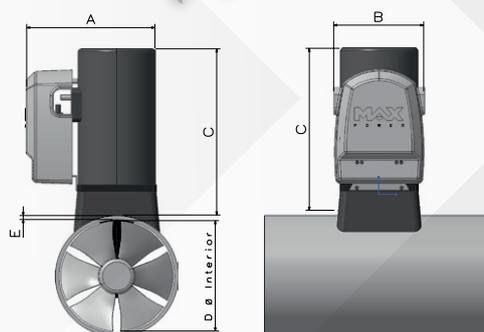
## 48 V

### Specifications

<b>Code</b>	<b>636660</b>
<b>Voltage*</b>	<b>48V</b>
<b>Max Thrust at 45.6V (kgf/lbs)**</b>	115 / 253
<b>Max Thrust at 48V (kgf/lbs)**</b>	122 / 268,4
<b>Propellers</b>	<b>Duo</b>
<b>Drive Leg (material)</b>	<b>Composite</b>
<b>Power (kw/hp)</b>	8.58 / 11.5
<b>Weight (kg)</b>	24.3
<b>A (mm)</b>	250
<b>B (mm)</b>	200
<b>C (mm)</b>	365
<b>D (mm)</b>	185
<b>E (mm)</b>	6 to 7

Boat Type	Boat Length (feet/meter)
Heavy Displacement High Windage & Cruising	35' - 46' / 10,6 - 14 m
Medium Displacement Medium Windage & Fast Cruising	42' - 55,5' / 12,8 - 17 m
Light Displacement Light Windage & Super Fast Cruising	46' - 60' / 14 - 18 m

Equipped with a 48V highly efficient motor the CT 125 model is a suitable solution for eco-friendly yachts with a 48V electric propulsion, as it can be supplied from the same battery bank minimising the overall installation and maintenance costs.



### Advantages of 48V

- The increasing popularity of environmentally friendly boats with 48V electric propulsion required the development of thrusters running at the same voltage.
- Operates from 48V house bank batteries, an option which will provide space and cost savings for the boating community as smaller wires will be needed for the installation.

### Unique Features



Composite drive legs



Line shields



High spec. DC contactors



High power connections



Zero maintenance



Purpose built DC motors



Unrivaled safety features



Case hardened spiro-conical gears

### Control Panels:

MAX POWER thruster control systems include a variety of advanced safety features, such as:

- Childproof activation
- Automatic shutdown after 30 minutes of inactivity
- Visible and audible motor overheat warning
- Standard automatic battery isolator control
- Time delay switch between port and starboard thrust
- Software protection against short circuits



\* 48V thrusters are designed to run at 45,6V on 48V units. Higher voltages will result in higher thrust ratings, higher power consumption, and a reduced duty cycle.

\*\* Performance data is given for a thruster installed at an immersion depth of one tunnel's diameter, in a tunnel no longer than twice the tunnel's diameter, and this within a variation of + / - 6%. Longer tunnels will result in lower thrust ratings and higher power consumption.