



**CALLAN
TECHNOLOGY
WOODWORKING
APPLICATIONS**

**ECO-MASTER
7120**



Woodworking Applications with Callan Technology Motors

One typical application of Callan Technology DC Servomotors is Woodworking Machinery. The main characteristics for this type of application are:

- Drive at low speed and high torque whilst cutting
- Drive at low speed, moderate torque and high accuracy whilst 'finishing'.
- Drive at high speed for traversing, tool changing etc.
- Retain position at zero speed against external forces.



Callan Technology Motors are used on many Woodturning Machines. The Industrial nature, high power from a small size, and integral tachometer of the Callan Technology motor makes it an ideal choice for this environment.

Because of the field-proven history of Callan Technology motors many of the world leaders in Woodworking Machinery use Callan Motors:

- Andreoni
- Pizzardi
- Futura



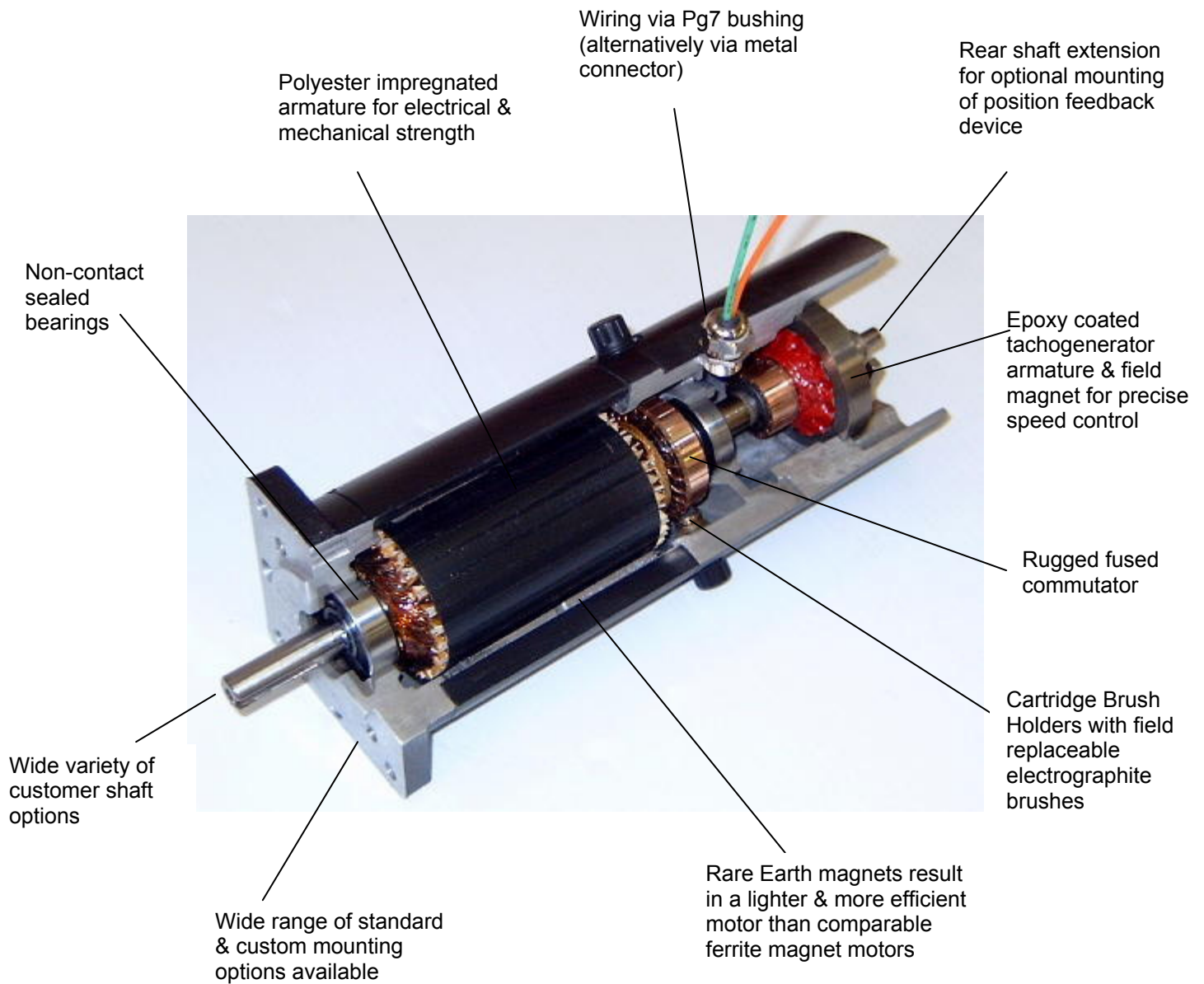
Utilising high-energy rare earth magnets, Callan Technology DC Servomotor Tachogenerators units provide precise motion control.

The construction allows these motors to be operated in harsh environmental conditions.

Modifications can be catered for to allow fitting to any machine



Callan Technology Motors are built to the highest design and manufacturing techniques. The 'cut-away' motor picture describes all the major sections of the DC Servomotor.





CALLAN TECHNOLOGY PRODUCTS

AS-80 DC Servo Drive



- 20 - 80V d.c Operation
- 8 amps continuous
- 15 amps peak
- Torque or Velocity Mode
- Tacho or Encoder Feedback
- Input Signal +/- 10V

C4-16X Series

- 0.2 – 0.4 Nm Continuous
- 55 – 110 W
- 8000 rpm max. Speed
- 63 mm Diameter
- High Energy Rare Earth Magnets
- Available with or without Tach



M4-200X Series



- 0.4 – 1.6 Nm Continuous
- 90 – 300 W
- 6000 rpm max. Speed
- 75 mm Diameter
- High Energy Rare Earth Magnets
- Encoder mounting spigot provided
- Available with or without Tach

M4-295X Series

- 2 – 8 Nm Continuous
- 750 – 1500 W
- 5000 rpm max. Speed
- 108 mm Diameter
- Exceptional Dynamic Performance
- High Energy Rare Earth Magnets
- Encoder mounting spigot provided
- Available with or without Tach



M4-420X Series



- 10 – 30 Nm Continuous
- 1.5 – 2.6 kW
- 3200 rpm max. Speed
- 146 mm Diameter
- Exceptional Dynamic Performance
- High Energy Rare Earth Magnets
- Available with or without Tach