

**NEW**

 PROUDLY DESIGNED & ASSEMBLED IN THE USA

# ELECTRONIC PRECISION PUMP CONTROL

**ELECTRONIC  
ACTUATOR  
SMARTEC EA50**

**&**

**SMARTEC  
ELECTRONIC  
DRIVE MODULE**

# THE FUTURE IS HERE WITH SMARTEC PRECISION TECHNOLOGY

## SMARTEC EA50

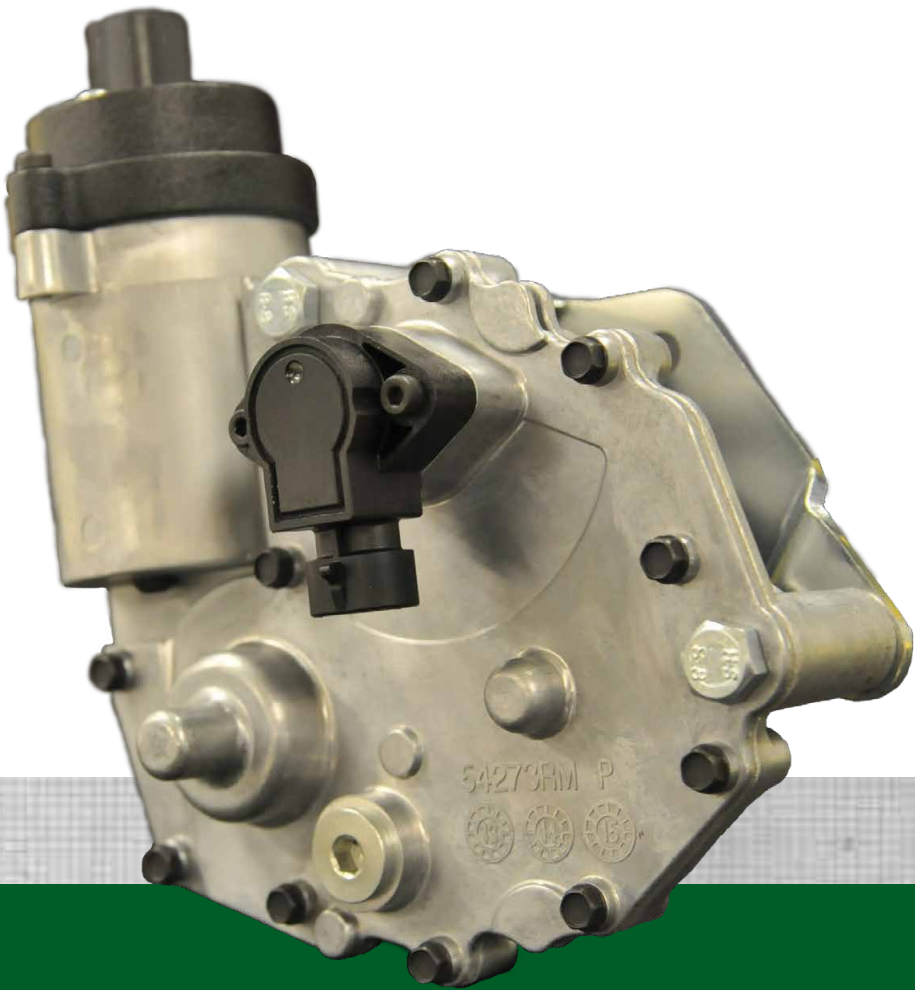
Durable motor technology for years of trouble-free life

When interfaced with Hydro-Gear pumps the EA50 provides unlimited performance and control capacity

Smooth & easy control that reduces operator fatigue

IP 66 rated for protection against dust and water

Used on Hydro-Gear 6cc - 21cc variable piston displacement high-performance pumps



### SPECS

- 200 watt DC motor
- Internal slip clutch protection
- Actuation Torque: 0-490 in/lbs [55 nm], 550 in/lbs [62 nm] holding
- Actuation Time: 20 degrees in 1 second
- Position sensor
- 50 degree rotation

Patent Pending

## SMARTEC ELECTRONIC DRIVE MODULE

Windows based PC calibration for ease of use

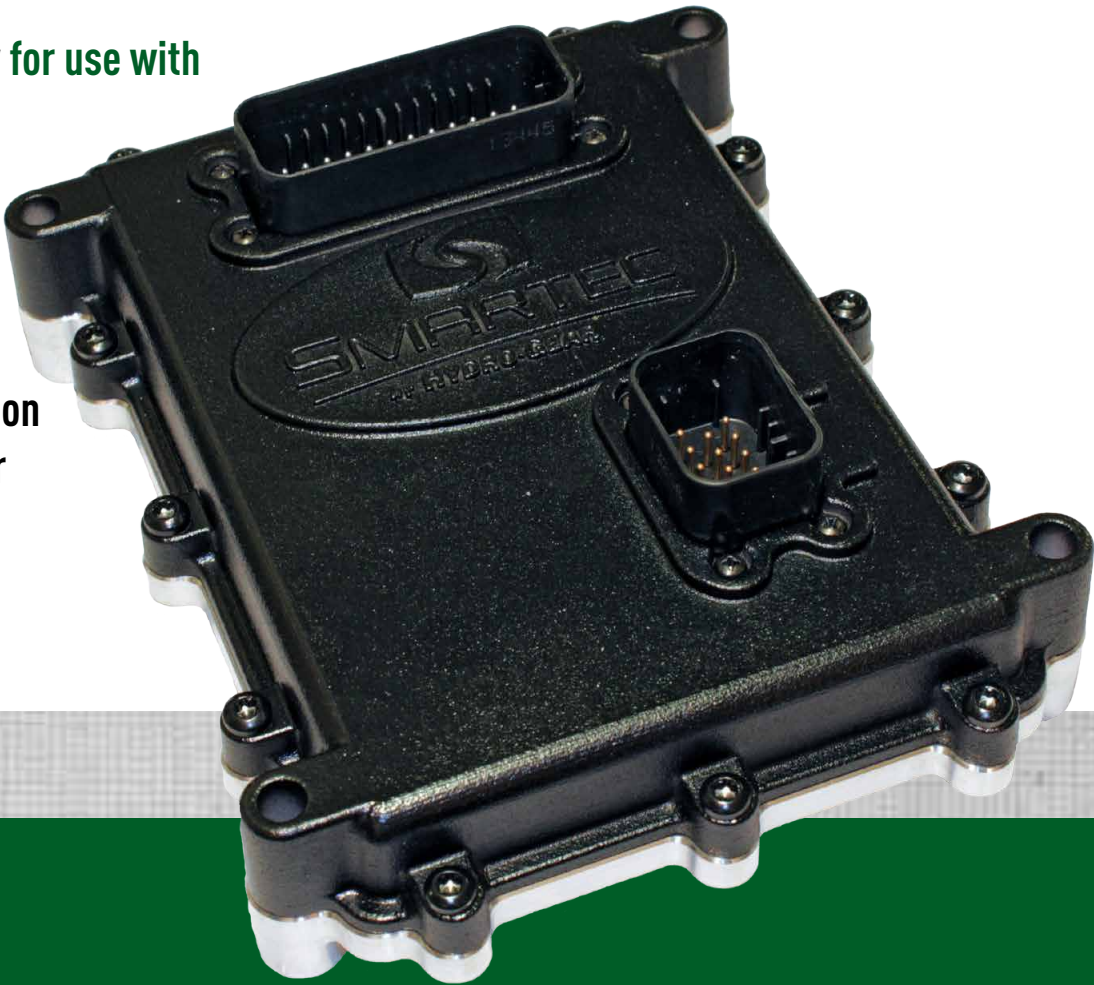
Built-in relay detection features for added safety

Small & compact, the only electronic drive module to control two EA50s

Developed specifically for use with the Smartec EA50

Easy plug & play capability

IP 66 rated for protection against dust and water



### SPECS

- 14.4 volts normal
  - Range: 10-19.2v
  - Adjustable Program Features
  - J1939 Compliant
  - 6 inputs / 2 outputs
- Pending Application Review

Patent Pending

# FORGING THE FUTURE SINCE 1991

Hydro-Gear is a world-wide leader in hydraulic drive products. With the support of its parent companies, Danfoss and Agri-Fab, Hydro-Gear has provided over 25 years of innovative mobile fluid power solutions focusing on efficiency, performance, and economical value.

Today, Hydro-Gear is the preeminent designer and manufacturer of hydrostatic transmissions that serve multiple industries and customers around the world.

Hydro-Gear continues its dedication of providing quality products by offering electronic solutions through Smartec. These solutions are not only economical but perform at a level customers have come to expect.

FOR MORE INFORMATION ABOUT HYDRO-GEAR PRODUCTS VISIT:

**[WWW.HYDRO-GEAR.COM](http://WWW.HYDRO-GEAR.COM)**

