

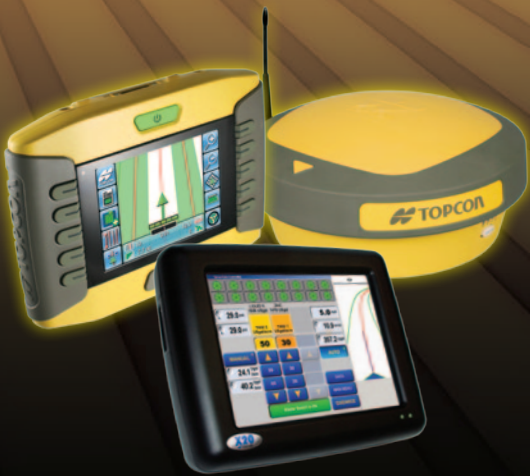
# AES-25

## Accurate Electric Steering



Electric convenience, full hydraulic performance. Topcon's unique system provides smooth operation and precise steering control.

- Fast, accurate steering response
- Up to 2 cm performance accuracy
- Full terrain compensation
- Reverse operation
- Convenient, simple installation
- Easily transferable
- Compatible with System 150, System 200 and System 250 (X20)



## AES-25 Accurate Electric Steering

AES-25 is an advanced solution for all platforms, from basic steering to those striving for high-accuracy results.

AES-25 is fully compatible with Topcon's field-proven System 150 or System 200/250 (X20 console). AES-25 provides the convenience of electric steering with the performance of hydraulic systems. A System 150 or System 200/250 combined with AES-25 provides a highly accurate control package that is easily transferable between machines.



With a direct-drive, high-torque motor, the AES-25 provides silent operation and the most accurate electric steering in the world. The installation is clean and neat with no external components to interfere with normal operation in the cab. The AES-25 outperforms all other electric steering solutions.

Farmers can start at the accuracy needed for particular jobs, then step up to real-time kinematics (RTK) with confidence that they will achieve full 2cm accuracy. For operators who want a simple console, but precise steering performance, System 150 with AES-25 electric steering provides row crop steering accuracy, without the complexity of hydraulics.

For existing owners of X20 consoles (any GPS make or model), the AES-25 provides accurate autosteering control. An optional wheel angle sensor can be added for greater accuracy or stability in challenging conditions (a Topcon exclusive). The entire system can be truly customized for any farm operation.

### Specifications

Power	12 VDC nominal
Operating temperature	-20° to +60°C (-4° to +140°F)
Storage temperature	-40° to +80°C (-40° to +176°F)
EMC Compliance	CE Mark, Ctick, FCC
Dimensions	38 x 38 x 21 cm (approx)

### Key Features

- Fast, accurate steering response
- Up to 2 cm performance accuracy
- Full terrain compensation
- Reverse operation
- Convenient, simple installation
- Easily transferable
- Compatible with System 150, System 200 and System 250 (X20)



**Topcon Precision Agriculture**  
14 Park Way  
Mawson Lakes, SA 5095 Australia  
Phone: +61-8-8203-3300  
Fax: +61-8-8203-3399

**Topcon Precision Agriculture**  
16900 West 118th Terrace  
Olathe, KS 66061  
Phone: 913-928-2630

**Topcon Europe Positioning B.V.**  
Essebaan 11 2908 LJ Capelle a/d IJssel  
The Netherlands  
Phone: +31-10-4585077  
Fax: +31-10-2844949

**Topcon Positioning Systems, Inc.**  
7400 National Drive,  
Livermore CA 94551 USA  
Phone: 925-245-8300  
Fax: 925-245-8599

**Topcon Corporation**  
75-1 Hasunuma-cho, Itabashi-ku  
Toyko 174-8580 Japan  
Phone: +81-3-5994-0671  
Fax: +81-3-5994-0672

[www.topconpa.com](http://www.topconpa.com)

 **TOPCON**  
Precision Agriculture