

## DS 160

### UPGRADE DS 50 SYSTEMS ON MANITEX CRANES

The DS 160 is an economical upgrade solution for Manitex cranes with existing DS 50 load moment indicators. The DS 160 provides crane owners with a combination of the latest technology while incorporating many of the existing proven sensors and components. All set up is done through the user-friendly operator's console, with no costly and time consuming re-calibration.

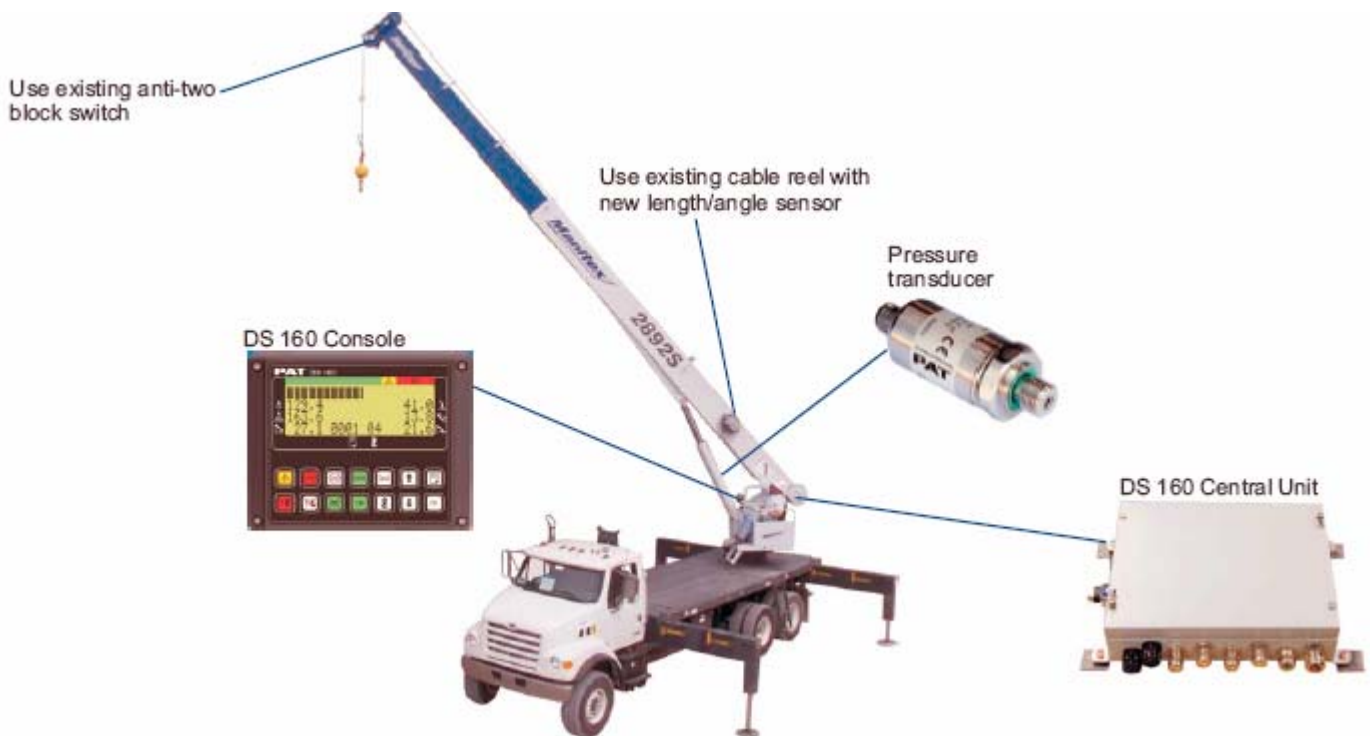


**MANITEX P/N: 6607979**

#### FEATURES

- ▶ Replaces DS50 system in all Manitex models,
- ▶ No re-calibration,
- ▶ Displays actual and allowable load, boom length, boom angle, and load radius,
- ▶ Use existing boom components,
- ▶ Integrated bar graph provides a quick reference of the cranes utilization,
- ▶ User-friendly console and setup,
- ▶ Meets SAE and ANSI B-30.5 standards.

## SYSTEM COMPONENTS \*



\* Requires programming upgrade, serial number specific.  
Programming upgrade included in systems purchased from Manitex.

## SYSTEM SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Power Supply          | 10 - 30 Vdc                            |
| Signal Input          | 4 - 20 mA / 0 - 5 Vdc                  |
| Display               | LCD / Illuminated                      |
| Console Keypad        | Illuminated / 11 buttons, 3 indicators |
| System Rated:         | IP 65                                  |
| Operating Temperature | -25 C to +70 C                         |