PG Drives Technology Inc.
2532 East Cerritos Avenue
Anaheim, CA 92806-5627 USA
Tel: +1 714 712 7911
Fax: +1 714 978 9512

PG Drives Technology Ltd.
10 Airspeed Road
Christchurch
Dorset BH23 4HD UK
Tel +44 (0)1425 271444
Fax +44 (0)1425 272665

PG Drives Technology (Taiwan)
Taiwan International Business Center
4F, 25, Sec. 1 Tunhua S. Rd.
Taipei, Taiwan ROC
Tel +886 (0)2 2579 1821
Fax +886 (0)2 2579 3738

PG Drives Technology Asia (Hong Kong)
Unit 3, Cambridge House
Taikoo Place, 979 King's Road
Island East, Hong Kong
Tel: +852 2293 2621
Fax +852 2293 2678

PG Drives Technology Asia (Taiwan)
Taiwan International Business Center
4F, 25, Sec. 1 Tunhua S. Rd.
Taipei, Taiwan ROC
Tel +886 (0)2 2579 1821
Fax +886 (0)2 2579 3738

PG Drives Technology Asia (Hong Kong)
Unit 3, Cambridge House
Taikoo Place, 979 King's Road
Island East, Hong Kong
Tel: +852 2293 2621
Fax +852 2293 2678

PG Drives Technology Asia (Taiwan)
Taiwan International Business Center
4F, 25, Sec. 1 Tunhua S. Rd.
Taipei, Taiwan ROC
Tel +886 (0)2 2579 1821
Fax +886 (0)2 2579 3738

PG Drives Technology Asia (Hong Kong)
Unit 3, Cambridge House
Taikoo Place, 979 King's Road
Island East, Hong Kong
Tel: +852 2293 2621
Fax +852 2293 2678

Aerial Work
Platform Control System

www.pgdt.com
Unique to the system is a large LCD screen in the Ground Module that allows connection to external switches and joystick. The Ground Module forms the hub of the connection system, to allow all wiring to be centralized. This module connects directly to the system batteries and provides the high current, variable speed output for the hydraulic pump motor, along with the lower current outputs such as a variable down valve, alarm, horn and beacon. All input switch wiring for pathfinder switches, elevation switches or auxiliary inputs is also connected here, to ease servicing of external parts.

A 3-position keyswitch powers the system at the Ground Module and determines whether platform or ground control is selected. When switched to platform control, the operator can use the joystick to effect smooth and precise control of traction and steering, or lift and lower. In ground control, two pushbuttons can be used to raise or lower the platform, using built-in soft start and stop to minimise wear on expensive components.

Access is an integrated system to control the entire functionality of aerial work platforms including variable lift, lower and traction. The three modules of the system are connected simply and easily to enhance machine capability and reduce installation errors. A choice of operator modules are offered - an integrated Joystick Module that contains all controls and display, or an environmentally sealed Interface Module that allows connection to external switches and joystick.

The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed. The electronics are ‘potted’ as the Joystick Module. The module is fitted remains fully water-proofed.

The interface module is an intuitive user interface for the on-board programming functions to be inhibited certain functions on the machine. This display also provides an accurate TruCharge battery indicator and a clear indication of selected speed.

If a larger external joystick and user switches are preferred, then the Interface Module provides all the connections to these, while still providing the same display functions as the Joystick Module. The electronics are ‘potted’ for maximum environmental protection and the integrated gasket ensures the panel into which the module is fitted remains fully water-proofed.

Access is an integrated system to control the entire functionality of aerial work platforms. Access to the ideal choice of fully integrated control system for aerial work platforms.

**Ground Module**

Provides input/output connection hub for the entire machine, ensuring easy installation and maintenance. Intelligent lift/lower controls allow soft-start and stop of hydraulic pump motor, limiting wear on expensive components.

**Joystick Module**

Provides lift/lower or drive at the touch of a button then precise positioning of the platform is achieved by variable joystick control. High-brightness LEDs show an accurate TruCharge battery indicator and a clear indication of selected speed.

**Traction Module**

Two 120A variable speed outputs for permanent magnet motors and electromagnetic brakes. Serial connection to Ground Module for simple, hassle-free wiring.

**ACCESS**

Variable Lift / Lower and Traction Control

<table>
<thead>
<tr>
<th>Joystick Module</th>
<th>Interface Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length 179mm 6.9&quot;</td>
<td>Length 128mm 5.1&quot;</td>
</tr>
<tr>
<td>Width 86mm 3.4&quot;</td>
<td>Width 108mm 4.3&quot;</td>
</tr>
<tr>
<td>Height 152mm 5.9&quot;</td>
<td>Height 25mm 1.0&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ground Module</th>
<th>Traction Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length 260mm 10.2&quot;</td>
<td>Length 180mm 7.1&quot;</td>
</tr>
<tr>
<td>Width 94mm 6.5&quot;</td>
<td>Width 95mm 3.7&quot;</td>
</tr>
<tr>
<td>Height 152mm 3.7&quot;</td>
<td>Height 46mm 1.8&quot;</td>
</tr>
</tbody>
</table>

For further details please contact PG Drives Technology.